Situation: ASU, ECU, NCA&T, NCCU, NCSU, UNCA, UNC-CH and UNCC have requested

authority to proceed with non-appropriated capital improvements projects using available funds derived from carry-forward, dining receipts, education and technology fees, facilities and administrative receipts, foundation funds, housing receipts, repairs and renovations funds, student fees, and trust funds.

Background: The Board of Governors may authorize capital construction projects and

advance planning projects at UNC campuses using available funds.

Assessment: ASU, ECU, NCA&T, NCCU, NCSU, UNCA, UNC-CH and UNCC have requested

projects that meet the Statutory requirements, and it is recommended that the Board of Governors approve the projects and their methods of funding. It is further recommended that these projects be reported to the Office of State Budget and Management as non-appropriated projects do not require any

additional debt or burden on state appropriations.

**Action:** This item requires a vote.

### <u>Authorization of Capital Improvements Projects – ASU, ECU, NCA&T, NCCU, NCSU, UNCA, UNC-CH, and UNCC</u>

Appalachian State University, East Carolina University, North Carolina A&T State University, North Carolina Central University, North Carolina State University, the University of North Carolina at Asheville, the University of North Carolina at Chapel Hill, and the University of North Carolina at Charlotte have requested authority to establish the following new capital improvements projects.

<u>ASU – Steam Plant Vault Utility Tunnel</u>: This project will design and construct a new 110-foot walkable utility tunnel from the Steam Plant to the utility vault. Current access to the utility vault is hazardous for personnel. During a recent emergency flooding condition, the vault was inaccessible which resulted in considerable mechanical replacement costs. The project, estimated to cost \$2,750,000, will be funded by trust funds, and will be completed by October 2017.

<u>ECU – Transit Facility Improvements</u>: This project will improve ECU's transit facility by converting their bus fleet to CNG fuel. This strategic change in fuel source requires changes in existing facilities at the site. CNG-fueled vehicles tend to experience less wear and tear on parts, have cleaner emissions, and are more operationally efficient to run, and the present cost of CNG is about half that of diesel fuel. Specific changes required include installation of a sprinkler system, direct connect exhaust system, addition of a gas detection system, installation of low intensity gas-fired heaters, additional exhaust fans, additional electrical changes in support of these changes, site utility changes, and additional site paving. With these changes and the strategic change in fuel source, the current facility will be brought into compliance with all safety regulations for CNG facilities. The project, estimated to cost \$495,784, will be funded by transit receipts, and will be completed by October 2016.

NCA&T – Sebastian Hall HVAC Upgrade: This project will upgrade the HVAC system at Sebastian Hall, formerly the Student Health Center. With the construction of the new Student Health Center, it is now available for new occupants. Before new occupants take possession of the building, the HVAC system will need to be upgraded. The AHU's and terminal units were installed in 1973 and are in poor condition. They have outlived their useful life. The terminal units do not provide adequate outside air as required by the NC building code, and the pneumatic controls system has failed and spare parts are no longer available. The project, estimated to cost \$350,000, will be funded by repairs and renovations funds, and will be completed by June 2016.

NCCU – Baynes Residence Hall Renovations: This project will consist of phased renovations to major elements in Baynes Residence Hall, a nine-story, 85,320 square-foot, 400-bed facility built in 1966. There has not been a major renovation of the building since 1996. All bedrooms are double-occupancy without private toilets and the group toilets and showers are located on each floor. The building has an antiquated two-pipe hot water, heating system with radiant heating units in each room. Window air conditioning units are located in each room, mounted in un-insulated single-hung windows. The window units in the 2nd and 3rd floor rooms are heating and cooling units, due

to the limited flow of hot water in the corroded two-pipe system. The building's electrical system is outdated and requires modernization and updating to new electrical code requirements. The two-car elevator system is original and suffers from regular car stalls, inadequate response time, and is unreliable, and the roof is beyond its useful life and needs to be replaced. The project, estimated to cost \$3,148,600, will be funded by Student Affairs/Residential Life funds, and will be completed by September 2018.

<u>NCSU – Price Music Center First Floor Improvements</u>: This project will make minor repairs and improvements to the first floor of Price Music Hall to address life safety egress, ADA requirements, acoustical attenuation, and upgrades to the electrical system. Locker replacement is also included. The project, estimated to cost \$400,000, will be funded by carry-forward funds, and will be completed by September 2016.

<u>NCSU – Patterson Hall Business Center Renovation</u>: This project will renovate the ground floor of Patterson Hall to upgrade the HVAC system. The basement is currently served by multiple split system air conditioners and four-pipe fan coil units which are at the end of their serviceable life. The toilet rooms will also be upgraded as part of the project. The project, estimated to cost \$1,180,000, will be funded by carry-forward funds and will be completed by October 2016.

<u>NCSU – Textiles Complex – iLab Renovations</u>: This project will renovate the previous library space at Textiles Complex to a student innovation lab area. It will include delineation of new lab spaces, noise cancellation devices, lighting, and acoustical panels. The project, estimated to cost \$400,000 will be funded by facilities and administrative receipts, and will be completed by August 2016.

<u>NCSU – Power America – Varsity Research Renovations</u>: This project will improve approximately 6,300 square feet of existing open office space in Varsity Research Building Modules 6 and 7 to accommodate equipment for manufacturing, research, and teaching, and provide space for design, meeting, testing, and storage. The project, estimated to cost \$495,000 will be funded by facilities and administrative receipts, and will be completed by April 2016.

<u>UNCA – Mills Hall Renovations</u>: This project will renovate Mills Hall, a 296-bed suite-style residence hall built in 1987. Mills Hall residents have contributed to planning for this renovation and would be involved with design aspects. The student bathrooms have original showers and fixtures which create ongoing maintenance issues and shower pans/walls have completely failed in many instances. Showers, fixtures, cabinets, vanities, and flooring would all be replaced as part of this project. The other primary aspects of this project address safety and building envelope issues. These include new platform and walking area in attic, waterproofing, and eliminating moisture problems on first floor, emergency generator work, and possible masonry repairs. The project, estimated to cost \$700,000, will be funded by housing reserves, and will be completed by August 2016.

<u>UNC-CH – Administrative Office Building, 2nd and 3rd Floor Renovation</u>: This project will renovate approximately 31,000 square feet of office space on the second and third floors of the Administrative Office Building for the Division of Finance. The renovation will improve the efficiency of the existing space by adding 113 additional work stations. The renovation will entail removal of existing interior walls to open up space for more collaborative working environment. The project, estimated to cost \$1,781,426, will be funded by facilities and administrative receipts, and will be completed by September 2016.

<u>UNC-CH – Emergency Power Improvements for UNC Marine Sciences Institutes</u>: This project will address emergency power improvements at the UNC Marine Sciences Institute. The critical nature of research at the Marine Sciences Institute is compromised during periods when normal power is not available. This results in loss of time and significant research dollars. In addition to essential research operations, ultra-low freezers and cold rooms will be served by the new backup power system. The project, estimated to cost \$414,200, will be funded by facilities and administrative receipts, and will be completed by June 2016.

<u>UNC-CH – Chase Dining Hall Second Floor Renovations</u>: This project will renovate approximately 5,028 square feet on the second floor of Chase Dining Hall converting existing large meeting rooms and ancillary spaces into food service and seating areas as an extension of the existing dining program on the first floor. The project will also address accessibility deficiencies with restrooms and introduce a new stair to provide direct access to the main food services and dining areas located on the first floor. The project, estimated to cost \$3,850,000, will be funded by dining receipts, and will be completed by August 2016.

<u>UNCC – Irwin Belk Track Resurfacing</u>: This project will resurface Irwin Belk Track. The Belk Track is used for intercollegiate track and field events. It has degraded to the point at which it must be resurfaced. This project will remove all existing track surface to the base and install a new surface. Additionally, electrical lines will be installed as well as rearrangement of the high jump pole vault. The project, estimated to cost \$1,400,000, will be funded by athletic foundation reserves and will be completed by August 2016.

<u>UNCC – Hickory/Cedar Swing Space</u>: This project will re-purpose the buildings at Hickory and Cedar Halls. Both were former student residence halls which were taken out of the housing inventory. The University plans to re-purpose the buildings to administrative space. Initially the buildings will be used as swing space for upcoming modernizations of academic buildings in the core of campus. The authorization requested is for a minor refurbishment project to prepare the spaces for this purpose. The project includes installation of equipment for Wi-Fi, painting, furniture, and minor repairs to provide 63 offices per building. A follow-on project will bring them to modern office space and code standards. The project, estimated to cost \$800,000, will be funded by carry-forward funds and facilities and administrative receipts and will be completed by October 2016.

<u>Authorization for Advance Planning of New Capital Improvements Projects – University of North Carolina at Asheville and the University of North Carolina at Charlotte</u>

The University of North Carolina at Asheville and the University of North Carolina at

Charlotte have requested authority to establish advance planning of the following projects.

<u>UNCA – Student Apartment Housing</u>: This project will include the design and construction of new on-campus student apartment housing to meet the market demand from students for on-campus, apartment-style housing. Based on an externally-conducted and detailed market analysis, demand exists at UNC Asheville for additional on-campus beds (260 beds based on current enrollment); however, current housing inventory is misaligned with student demand. Sophomore, juniors, and

seniors are generating the greatest demand and 54% of the demand is for apartment- style units. The project will include multiple buildings, totaling 300 beds (based on future growth) with 300 parking spaces and 4-bedroom/2-bath apartments that have shared living and kitchen spaces. Students, faculty, and staff will be extensively involved in the design process. This additional advance planning authorization will utilize \$467,400. The project, estimated to cost \$31,653,895, will be funded from housing reserves and debt-financed, self-liquidating funds.

<u>UNCC – Sycamore Hall Renovation</u>: Sycamore Hall was completed in 1981 as a residence hall. A study conducted in 2012 indicated that it is not cost effective to renovate the structure as a residence hall and a subsequent sector study slated it for demolition. As space is needed on campus for administrative functions, it was determined that a less costly renovation and repurposing into office space makes fiscal sense. The envelope is relatively stable and would benefit from selective repairs such as a new roof and general weatherproofing to support continued long-term use. The project will include the replacement of the mechanical, electrical, and plumbing services. The project will also bring the building up to current code and ADA compliance. This advance planning authorization will utilize \$420,000. The project, estimated to cost \$4,200,000, will be funded from carry-forward funds and facilities and administrative receipts.

### <u>Authorization to Increase the Scope of a Capital Improvements Project – East Carolina University and the University of North Carolina at Asheville</u>

East Carolina University and the University of North Carolina at Asheville have requested authority to increase the scope of previously approved capital improvements projects.

<u>ECU – The Galley Renovation and Expansion</u>: This project, approved in October 2014 by the Board, needs additional funding to allow design to proceed through construction documents and facilitate development of a detailed cost estimate. The initial Advance Planning study identified a project design that improves efficiency of existing operations, creates additional seating area by enlarging the interior space out to the existing building roof overhang, renovates the facility interior to increase serving options and seating, and renovates adjacent site/landscape to add outdoor seating. The increase in authorization of \$500,000 (from \$100,000 to \$600,000) will be funded by dining services receipts. The project, estimated to cost \$6,131,000, will be funded from dining services receipts.

<u>UNCA</u> – Highsmith University Union Renovation: This project, approved in October 2015 by the Board, needs additional advance planning funding to allow project to proceed through schematic design and facilitate development of a detailed cost estimate. The schematic design will include a large (6,000 sf) multi-purpose room as an addition between the existing Highsmith University Union and Brown Hall (dining) buildings, bridging the two facilities, as well as to clarify and estimate the cost of reallocating existing space within Highsmith that will focus on centralizing and promoting student collaboration, engagement and community. This reallocation will especially allow for the student art gallery and the Intercultural Center to be relocated front and center within the student union. Administrative offices will be relocated to areas within the building that are less utilized by students. The increase in authorization of \$185,000 (from \$50,000 to \$235,000) will be funded by student activity fees. The project, estimated to cost \$11,643,271, will be funded from student activity fee reserves and debt financed, self-liquidating funds.

I	nstitution:	Appalachia	n State University		Advance Planning Request:
r.	nounce in Anthonim	tion frame o	to \$		New Capital Project*: X
	roject Title: Steam				
q	roject Cost: \$2,750	000	,		
				<u>- 1</u>	
S	ource of Funds: Ste	am Trust Fund	Receipts		PARTIES AND
	If this project has protect has protected. (			, please iden	tify code/item number under which that
F	or each advance pl	anning projec	t or capital construction	project, ple	ase provide the following:
1.	Steam Plant to th	e utility vault. ( tion (flooding),	Jurrent access to utility ve	ult is hazard	a new 110' walkable utility tunnel from the lous for personnel. During a recent lted in considerable mechanical
2. An estimate of acquisition, planning, design, site developm (Answer for capital construction only and include a complete construction)					
	Design:	<b>\$226,917</b>			
	Construction:	\$2,269,170			
	Contingency:	\$113,459			•
	Other:	\$140,454			
3.	An estimated sche construction only)		w requirements over the	life of the pr	oject by FY quarters (Answer for capital
	4 <sup>th</sup> Qtr 15-16: \$20	,000;	1st Qtr 16-17: \$50,0	00;	2 <sup>nd</sup> Qtr 16-17: \$50,000;
	3 <sup>rd</sup> Qtr 16-17: \$75	i0,000;	4th Qtr 16-17: \$750,	000	1st Qtr 17-18: \$1,000,000
	2 <sup>nd</sup> Qtr 17-18: \$50	0,000	3 <sup>rd</sup> Qtr 17-18: \$80,0	00	
4.	An estimated sche	dule for the cor	npletion of the project: Ja	ın 2016 – M	ar2018
	Design:	Jan 2016 -	Mar 2017		
	Construction:	May 2017	Oct 2017		
5.			perating costs and source eration (Answer for capita		o support these costs, including personnel, on only):
	N/A				
б.	An estimate of reve (Answer for capital N/A			e project, co	vering the first five years of operation

7. An explanation of the means of financing: Steam Trust Fund Receipts - Cash

### STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE

Form OC-25 (Rev 05/12)

### PROPOSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJECT BIENNIUM 2013 - 2015

(Definitions/explanations are provided on pg 2 to assist in completion of this form.)

DEPARTMENT and DIVISION:	Appalachlan State University				DATE: 10/08/15		
	PROJECT (DENTIFICATION: Steam Plant Utility Vaulit Tunnel						
PROJECT CITY or LOCATION:	Boone, NC		, , , , , , , , , , , , , , , , , , , ,		,		
PROJECT DESCRIPTION & JUSTIFI							
Construct a 110' walkable utility tunnel	i from the central steam	plant to the cor	ndensate vault. Cui	rrent access to ve	uit is unsafe & st	arting to fall.	
ALIOMENIA PARIMA AREA AAMARA IA	TIME MANY			1.114.1199 1 1 1 1 2020	and the language of the state of the	on the state of th	
CURRENT ESTIMATED CONSTRUC	HON GOST		OTY	UNIT	T.PER.UNIT	TOTAL	
A. Land Regulrement  B. Site Preparation						\$0	
Site Preparation     Demolition			2200 st	i le	250.00	\$550,000	
2. Site Work	•		2200 si		250.00	\$550,000	
C. Construction			2200 81	1 4	200,001	4000,000	
			150 if	A	4 000 00	ስለፈላ ሳሳላ	
Utility Services     Building Construction (new	, amana i		11011	\$   \$	1,000.00 15,000.00	\$150,000 \$500,000	
Building Construction (new.     Building Construction (exists)			500 sf		200.00	\$100,000	
4. Plumbing (new space)	mig)		200 81	Ψ	200.00	\$100,000	
5. HVAC (new space)			Later (t			\$0	
6. Electrical (Includes TV & R	adin Shidial		110 If	\$	2,480,00	\$269,500	
7. Fire Supression and Alarm			110	<del>Y</del>	#I-LOIOO	\$0	
Telephone, Data, Video	σγαιστια		11011	\$	1,000.00	\$110,000	
9. Associated Construction Co	nsis		1 ea		39,670.00	\$39,670	
10. Other:					***********	\$0	
D. Equipment		-	<u> </u>			<u> </u>	
1. Flxed				\$	*	\$0	
2. Moveable					***	\$0	
ESTIMATED CONSTRUCTION COS	TS .		· , , , , ,			\$2,269,170	
Items below may be calculated by percentage	or lump sum. If using lump	sum, make entry	in \$ field,		<del></del>		
DESIGN FEE	10 %	(% of Estimate	d Construction Costs)	)	ļ	\$226,917	
PRECONSTRUCTION COSTS	<del>1</del> %	(% of Estimate	d Construction Costs	[1% for CM@Risk]	)	\$22,692	
COMMISSIONING		(0.5% simple; '	1.0% moderate; 1.5%	complex)		\$0	
SPECIAL INSPECTIONS/MATERIALS		(1,25% estimat				\$28,365	
SUSTAINABILITY	%	(3% LEED Gok	d, 2% LEED Silver)			\$0	
•		•	•	-11-	<u> </u>	7,	
ADVANCE PLANNING	0/2		ımming, feasibility, an d Construction Costs)		1	\$0	
	<del></del>	•	·		<b>├</b> ─		
CONTINGENCIES	5 %	(% of Estimated	f Construction Costs	[3% New <b>or</b> 5% R8	(R])	\$113,459	
ESTIMATED COSTS (% of Estimated	Construction Costs + Con	disensias . Des	inn Caol			\$2,660,602	
		muñandae + nes	ilit Laa)		<u> </u>	ΨΖ,000,002	
Escalation = percent per month multiplied	•	กต	م ملامه س	A 40 0/ massus			
(From Est. Date to mid-point of construction		28	months	0.12 % per m	CHR		
General Bidgs: 0-17 mos = 0%; 18-23 mos = .04%; 24	-35 mos = .12%; 96-47 mos =	.16%; 48-00 mos =	.18%				
Health Bidgs: 0-5 mos = .18%; 6-11 mos ≈ .22 %; 12-	17 mas = 9896: 10.03 mas = 1	9 ~ oom 20.No -2000	1994 98-47 mas — 9894 4	10-80 maa - 39%			
ESCALATION COST INCREASE (Total of				10-00 III 00-01	-	\$89,396	
EGOVERHOLD GOOT INCLEASE (LOTSIT	JE ESUMAJOU CONSTRUCTO	I Gosis X Escala	14011 76)		<u> </u>	\$08 <sub>1</sub> 080	
TOTAL ESTIMATED PROJECT COST	(Estimated Construction	n Costs + Escalatio	n Cost Increase)	•		\$2,749,998	
APPROVED BY:	On:	т	ITHE VICE Chance	ellor for	DATI	= 10/21/15	
Geverning Board or Age	ency Head)	<del></del> 1	TITLE Vice Chance Business A	Hairs	<u>,5311)</u>	1 1 1	
	ORTH CAROLINA - DE					Form OC-28	

Institution:	East Carolina University	Advance Planning Request:			
		New Capital Project*: X			
Increase in Auth	orization from: \$ to \$				
Project Title:	Transit Facility Improvements (to accommodate	fuel conversion to compressed natural gas (CNG)			
Project Cost: \$495,784					
Source of Funds	: Transit receipts				
Jource of Funds					
*If this project has previously had advance planning authority, please identify code/item number under which that authority is carried. Code Item					

#### For each advance planning project or capital construction project, please provide the following:

1. A detailed project description and justification:

ECU Transit is strategically planning to convert their bus fleet to CNG fuel. This strategic change in fuel source requires changes in existing facilities at the site. CNG fueled vehicles tend to experience less wear and tear on parts, have cleaner emissions and are more operationally efficient to run. The present cost of CNG is about half of diesel fuel. Specific changes required include installation of a sprinkler system, direct connect exhaust system, addition of a gas detection system, installation of low intensity gas fired heaters, additional exhaust fans, additional electrical changes in support of these changes, site utility changes and additional site paving. With these changes and the strategic change in fuel source, the current facility will be brought into compliance with all safety regulations for CNG facilities.

2. An estimate of acquisition, planning, design, site development, construction, contingency and other related costs (a completed OC-25 form)

OC-25 attached

3. An estimated schedule of cash flow requirements over the life of the project by FY quarters (Answer for capital construction only):

		Total
		\$ 495,784
	Q2	\$ 60,784
FY 2016-17	Q1	\$ 100,000
	Q4	\$ 280,000
	Q3	\$ 15,000
FY 2015-16	Q2	\$ 40,000

4. An estimated schedule for the completion of the project:

Tentative start in spring 2016 with completion early fall 2016

5. An estimate of maintenance and operating costs and source of funding to support these costs, including personnel, covering the first five years of operation (Answer for capital construction only):

Reduced costs for vehicle maintenance and fuel consumption

6. An estimate of revenues, if any, likely to be derived from the project, covering the first five years of operation (Answer for capital construction only):

Reduced costs for vehicle maintenance and fuel consumption

7. An explanation of the means of financing:

Transit receipts

#### STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE

Form OC-25 (Rev 09/14)

PROPOSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJECT BIENNIUM 2015 - 2017

DEPARTMENT and DIVISION: East Carolina University DATE: 09/10/15								
PROJECT IDENTIFICATION: <u>Transit Site and Facility Improvements</u> (to accommodate fuel conversion to compressed natural gas (CN					ural gas (CNO			
PROJECT CITY or LOCATION: Greenville, NC								
PROJECT DESCRIPTION & JUSTIFICAT	ION: (Attach add'I data as	necessary to indi	cate need, size, fu	nction of impro	vements as well	as a master	plan.)	
ECU Transit is strategically planning in existing facilities at the site. CNG more operationally efficient to run. T installation of a sprinkler system, dir	fueled vehicles ter 'he present cost of	nd to experie CNG is abou	nce less wear at half of dies	and tear of sel fuel. Sp	n parts, hav ecific chang	e cleane ges requi	r emissi red incl	ons and are
fired heaters, additional exhaust fans								
other changes and additional site pay								
brought into compliance with all safe				iange in ru	er source, ur	e curren	t raciiity	will be
brought into compnance with an safe	ry regulations for	CNG faciliti	es.					
(Definitions/explanations are provided on pg 2 to	o assist in completion o	f this form.)						
CURRENT ESTIMATED CONSTRUCTION	N COST		QTY	UNIT	COST PE	R UNIT	Ī	TOTAL
A. Land Requirement							\$	
B. Site Preparation								
<ol> <li>Demolition</li> </ol>					\$	-	\$	
2. Site Work			1	LS	\$	220,000	\$	220,00
C. Construction			·					
<ol> <li>Utility Services</li> </ol>			1	LS			\$	45,00
<ol><li>Building Construction (new sp.</li></ol>							\$	
<ol><li>Building Construction (existing</li></ol>	)						\$	
4. Plumbing (new space)							\$	
5. HVAC (reno)			5600	sqft	\$	17	\$	95,20
6. Electrical (Includes TV & Radi			5600	sqft	\$	7	\$	39,20
7. Fire Supression and Alarm Sy	stems		5600	sqft	\$	5	\$	28,00
8. Telephone, Data, Video							\$	
Associated Construction Costs	;						\$	
10. Other:		_					\$	
D. Equipment				1	1		¢	
<ol> <li>Fixed</li> <li>Moveable</li> </ol>							\$ \$	
ESTIMATED CONSTRUCTION COSTS					<u> </u>		\$	427,40
	<b>16</b>		. ! & £! -				φ	427,40
Items below may be calculated by percentage or	ump sum. It using lump	sum, make entry	in \$ field.					
DESIGN FEE	10 %	(% of Estimate	d Construction C	`octc)		İ	\$	42,74
PRECONSTRUCTION COSTS			d Construction C		CM@Dick1 \		\$	72,17
COMMISSIONING			d Constituction C 1.0% moderate;				\$	
SPECIAL INSPECTIONS/MATERIALS		(1.25% estima		1.5% complex	K)		\$	4,27
SUSTAINABILITY			ieu) ld, 2% LEED Silv	(orl			\$	4,27
SUSTAINABILITY		(3% LEED GO	IU, 2% LEED SIIV	/ei)			Ψ	
			amming, feasibili					
ADVANCE PLANNING	%	(% of Estimate	d Construction C	Costs)			\$	
CONTINGENCIES	5 %	(% of Estimate	d Construction C	Costs [3% Nev	v <b>or</b> 5% R&R]	)	\$	21,37
ESTIMATED COSTS (% of Estimated C	Construction Costs + Co	ntingencies + De	esign Fee)				\$	495,78
Escalation = percent per month multiplied b	y number of months					'		
(From Est. Date to mid-point of construction)	=	11	months	(	% per montl	1		
General Bldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-38	mos = .12%; 36-47 mos = .	16%; 48-60 mos =	.18%		-			
Harlib Billia o Fara a 4007 / 44	0/0/ 10 00	20/ 24 25 -	20/ 2/ 47 -	/0/ 40 /0	200/			
Health Bldgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17			3%; 36-4/ mos = .3	o%; 48-60 mos :	= .38%	ĺ	¢	
ESCALATION COST INCREASE (Total of	Estimated Costs x Esc	calation %)					\$	

APPROVED BY: John G Fields, PE (Governing Board or Agency Head)

TOTAL ESTIMATED PROJECT COSTS (Estimated Costs + Escalation Cost Increase)

TITLE: <u>Director, Facilities Engineering & Architectural Services</u>

DATE: 09-09-15

495,784

]	Institution:	North Carolina A&T State Uni	versity	Advance Planning Request:
]	Increase in Authorization Project Title: Sebastian	on from: \$0to n Hall HVAC Upgrade		New Capital Project*: X
I	Project Cost: \$350,000			
5	Source of Funds: Capita	al Improvements		
a	If this project has prevouthority is carried. Co	viously had advance planning aut	hority, please identify coo	de/item number under which that
		nning project or capital constru	ction project, please pr	ovide the following:
1	possession of the bucompleted. This ad building is heated at basement and serve installed in 1972 or not provide adequat failed and spare part	new Student Health Center it is a uilding the HVAC system needs addition is heated and cooled by a send cooled by two steam and chill floor mounted terminal units thr 1973 and are in poor condition. The outside air as required by the Nets are no longer available. The peratures in the building. The units	evailable for a new occupa- to be upgraded. In 2008 a separate system which is led water air handling uni- oughout the building. The They have outlived their IC building code, and the revious occupants comple	in good condition. The original its. These units are located in the nese AHU's and terminal units were useful life. The terminal units do pneumatic controls system has ained about inadequate and
2.	An estimate of acquire (a completed OC-25	isition, planning, design, site dev form): An OC-25 form is attac	relopment, construction, ched	contingency and other related costs
3.	An estimated schedu construction only):	ale of cash flow requirements ove August 2015 thru July of 2016 (	er the life of the project by 2 <sup>nd</sup> quarter 25%, 3 <sup>rd</sup> quart	y FY quarters (Answer for capital ter 45%, 4 <sup>th</sup> quarter 30%).
4.	An estimated schedu	ale for the completion of the projection	ect: June of 2016	
5.	covering the first five	tenance and operating costs and see years of operation (Answer for lity. The building is currently be	capital construction only	ort these costs, including personnel, ): No anticipated increase in rsity personnel.
6.	An estimate of reven (Answer for capital c	ues, if any, likely to be derived fit construction only): The project w	rom the project, covering vill generate no additional	the first five years of operation l revenues.
7.	An explanation of the	e means of financing: The reven	ues for this project are fro	om R&R dollars appropriated by the

NC legislature.

# STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE

Form OC-25 (Rev 05/12)

### PROPOSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJECT BIENNIUM 2013 - 2015

(Definitions/explanations are provided on pg 2 to assist in completion of this form.)

DEPARTMENT and DIVISION:	NC A&T State University				DATE:	10/12/15
PROJECT IDENTIFICATION:	Sebastian Hall HVAC Upgrade					70712710
PROJECT CITY or LOCATION:	Greensboro, NC					
PROJECT DESCRIPTION & JUSTIFICAT	TION: The existing air cooled chiller	has been discor	nected in a	previous	project. The a	ir handling units
were not replaced and are very old. There	e have been numerous refrigerant le	aks and the coil	surfaces are	corrode	ed Parts are un	vailable due to the age
of the unit. The pneumatic controls syster	n does not function, and the system	is unreliable. S	ee attached	FCAP re	eport	
CURRENT ESTIMATED CONSTRUCTIO  A. Land Requirement	NCOSI	QTY	UNIT	COS	T PER UNIT	TOTAL
A. Land Requirement     B. Site Preparation						\$0
Otte Preparation     Demolition			li c	T @	40 500 00	
2. Site Work			LS	\$	18,500.00	\$18,500
C. Construction						\$0
1. Utility Services				T	T	60
<ol><li>Building Construction (new sp.</li></ol>	ace)			<del> </del>		\$0 \$0
Building Construction (existing		9327	Ft <sup>2</sup>	\$	5.00	
4. Plumbing (new space)	,	3021	-	Ψ	3.00	\$46,635 \$0
<ol><li>HVAC (new air handling units)</li></ol>		2	LS	\$	47,500.00	\$95,000
6. Electrical (Includes TV & Radio	Studio)	9327		\$	8.00	\$74,616
<ol><li>Fire Supression and Alarm Sys</li></ol>		0021		Ψ	0.00	\$74,616
8. Telephone, Data, Video						\$0
<ol><li>Associated Construction Costs</li></ol>						\$46,635
10. Other: HVAC Co	ontrols	9327	Ft <sup>2</sup>	\$	3.50	\$32,645
D. Equipment						<del>402,010</del>
1. Fixed						\$0
2. Moveable						\$0
ESTIMATED CONSTRUCTION COSTS						\$314,031
Items below may be calculated by percentage or lu	amp sum. If using lump sum, make entry	in \$ field.				
DESIGN FEE	10.9/ /0/ -15-1:				_	
PRECONSTRUCTION COSTS	10 % (% of Estimated	Construction Co	osts)			\$31,403
COMMISSIONING	% (% of Estimated	Construction Co	sts [1% for C	M@Risk]	) _	\$0
SPECIAL INSPECTIONS/MATERIALS	% (0.5% simple; 1 1.25 % (1.25% estimate	.0% moderate; 1.	5% complex)		-	\$0
SUSTAINABILITY	% (3% LEED Gold		-\			\$3,925.38
-						\$0
ADVANCE PLANNING	Includes progra	mming, feasibility	, analysis		ŀ	
200. 186. 503, 0.100 (186. 186. 186. 186. 186. 186. 186. 186.	% (% of Estimated					\$0
CONTINGENCIES -	5 % (% of Estimated	Construction Co	sts [3% New	or 5% R8	(R])	\$15,702
ESTIMATED COSTS (% of Estimated Co	nstruction Costs + Contingencies + Des	ian Fee)			1	¢340.350
Escalation = percent per month multiplied by		igir r cc)			L	\$349,359
(From Est. Date to mid-point of construction) =		months		% per m	onth	
General Bldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 r				o poi iii	onur	
Health Bldgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 m			6: 48-60 mos =	38%		
ESCALATION COST INCREASE (Total of E	stimated Construction Costs x Escala	ation %)	, 10 00 11100	0070		\$0
TOTAL ESTIMATED PROJECT COSTS	(Estimated Construction Costs + Escalation	on Cost Increase)				\$349,359
APPROVED BY:	т	TITLE			DA	TF
(Governing Board or Agency					<u>DA</u>	16
STATE OF NOR	TH CAROLINA - DEPARTMENT OF	ADMINISTRAT	TION			Form OC-25

FCAP #: 9845

#### State of North Carolina State Construction Office Facility Condition Assessment Program

# EDUCATIONAL INSTITUTIONS GENERAL NC A & T STATE UNIVERSITY

#### A & T STATE UNIVERSITY -SEBASTIAN HEALTH CENTER #128

Status:	1	Fund:	<u>1</u>	Priority:	1
	1 – Original 2 – Revised 3 – Resolved		1 – General Fund 2 – Receipts		0 – Now 1 – Year 2 – Years 3 – Years
					4 – Years 5 – Years
		Masterformat	Classification		
Division:					
Subdivision	on:				
[Item]					
		Original As	sessment —		
Cost Estin	nate: \$425,000	Date: 2007-	01-01	Assessor: scof	сар
BEEN PAT CONVECTO CONTROLS INSTALLED SMOKE CO AND ARE O PLUMBING	CHED AND THE CO ORS AND AIR HAND S SYSTEM DOES NO THEY USE CORR ONTROL IN EVENT ( DBSOLETE, SUCH T		ST. NUMEROUS V SIGNS OF CORR VERY POOR CON PERLY. WHERE AI JRN, WHICH DO NO MBING FIXTURES F PARTS ARE DIFF GE. THE BUILDING	REFRIGERANT OSION. THE HO DITION, AND TH R HANDLING UN OT PROVIDE AP ARE OLD AND D TICULT TO OBTA G HAS NO SPRII	LEAKS HAVE DT WATER HE NITS ARE PPROPRIATE DAMAGED, NIN. THE NKLER
		Correc	tion ———		
INCLUDING	NEW CENTRAL HV. THE CHILLER. REF IKLER SYSTEM.	AC SYSTEM TO REP PLACE THE PLUMBIN	LACE THE DETERIORS AND	orated Equipi Piping. Provic	MENT, DE A NEW
		Revised Ass	essment —		
Cost Estima	ate:	Date:		Assessor:	

Ins	titution:	North Carolina Central University	Advance Planning Request:
		ion from: \$ to \$ Residence Hall – Phase II Renovations	New Capital Project*: X
Pro	oject Cost: \$3,148,6	500	
Sou	arce of Funds: Stude	ent Affairs/Residential Life Fund Balance	
	this project has pre hority is carried. Co	viously had advance planning authority, please i	identify code/item number under which that
For	r each advance pla	nning project or capital construction project,	please provide the following:
1.	A detailed project	description and justification:	
It c Sho hea hur hot and car 199	consists of 85,320 G owers are located or ating units in each rong ing windows. Windo water in the corrod I updating to new E stalls, inadequate ro 96, except for the ad	GION & JUSTIFICATION: Baynes Residence H ASF of space. All Bedrooms are double-occupant in each floor. The building has an antiquated two- com. Window Air Conditioning units are located ow units in the 2nd and 3rd floor rooms are heating led two-pipe system. The building's Electrical System and is unreliable. There has not be didition of a Fire Suppression System in 2012. The building. The following items represent the area	cy without private toilets. Group Toilets and pipe hot water, heating system with radiant in each room, mounted in un-insulated singleing and cooling units, due to the limited flow of ystem is outdated and requires modernization or System is original and suffers from regular en a major renovation of the building since his project will consist of phased renovations to
	<ul> <li>Upgrade Ma</li> <li>Renovate Elev</li> <li>Replace Elev</li> <li>Replace Win</li> <li>Replace all V</li> </ul>	airs to Corridors and Study Rooms in Electrical Infrastructure ectrical Service to Room HVAC Units vators indow AC Units and Radiators in Rooms with 4-H Windows, excluding Ground Floor Curtainwall intral HVAC at Corridors, Toilets and Laundry R	•
2.	An estimate of acc (a completed OC-2	quisition, planning, design, site development, cor 25 form)	nstruction, contingency and other related costs
	Form OC-25 is att	ached.	
3.	An estimated sche construction only)	dule of cash flow requirements over the life of the	he project by FY quarters (Answer for capital
3 <sup>rd</sup>	Quarter 2015-16 (V	Winter)	\$ 208,100
4 <sup>th</sup>	Quarter 2015-16 (S	Spring)	\$ 737,000
$1^{st}$	Quarter 2016-17 (S	Summer)	\$1,282,500
2 <sup>nd</sup>	Quarter 2016-17 (F	<sup>2</sup> all)	\$ 600,000
3 <sup>rd</sup>	Quarter 2016-17 (V	Vinter)	\$ 321,000
4.	An estimated sche	dule for the completion of the project:	

- December 11, 2015

- December 14, 2015

Board of Governors' Approval

Solicit for Designer Selection

Conduct Designer Interviews/Selection	- January 7 – 8, 2016
Award Design Contract	- January 11, 2016
Solicit for Limited Scope Construction Manager @ Risk (CM-R)	- January 12 - 19, 2016
Conduct CM-R Interviews	- January 27 - 28, 2015
Award Contract to CM-R	- February 2, 2016
SCO Schematic/Design Development & Early Elevator Package Review	v - February 8 - 22, 2016
Negotiate GMP w/ CM-R	- February 23, 2015
CM-R - Release Early Elevator Package for Bids	- February 25, 2015
Complete Construction Documents Phase	- March 15, 2016
CM-R - Receive Bids on Early Elevator Package	- March 17, 2016
SCO Final Review	- March 17 - 30, 2016
CM-R - Award Elevator Package	- March 24, 2015
CM-R – Release Remaining Bid Packages	- April 7, 2015
CM-R – Award Remaining Contracts	- April 30, 2015
CM-R – Issue NTP	- May 10, 2015
Complete Interior Repairs to Corridors & Study Rooms	- August 15, 2016
Complete Main & Bed Room Electrical Upgrades	- August 15, 2016
Complete Elevator Upgrade	- August 15, 2016
Complete Room HVAC Replacement and Window Replacement	- September 30, 2016
Complete HVAC Multi-purpose, C Store, Corridors and Toilets	- December 15, 2016

5. An estimate of maintenance and operating costs and source of funding to support these costs, including personnel, covering the first five years of operation (Answer for capital construction only):

#### **Baynes Residence Hall - 5 Year Expense Projections**

#### **Revenue Projection – All Student Housing**

Eagle Landing	2,973,433.00
Martha Street Apts.	202,956.00
Annie Day Shepard	1,875,936.00
New Residence Hall 1	1,950,336.00
Ruffin	1,885,962.00
Chidley	3,287,760.00
Richmond	1,950,336.00
Baynes	1,865,128.00
Eagleson	1,794,080.96
McLean	466,282.00
George Street	149,088.00
Total Revenue:	18,401,297.96

Baynes Revenue as a Percentage of Total - 10.14%

Total estimated 2015-2016 Expenses 10,870,490.62

**Baynes Hall - Allocated Expense at 10.14%:** 1,101,816.65

<u>Year</u>	Inflation Rate	Estimated Expense	<u>Source</u>
2015-2016		1,101,817.00	Maintenance & Operations
2016-2017	1%	1,112,836.00	Maintenance & Operations
2017-2018	1%	1,123,965.00	Maintenance & Operations
2018-2019	1%	1,135,205.00	Maintenance & Operations
2019-2020	1%	1,146,558.00	Maintenance & Operations
2020-2021	1%	1,158,024.00	Maintenance & Operations

6. An estimate of revenues, if any, likely to be derived from the project, covering the first five years of operation (Answer for capital construction only):

# **BAYNES Residence Hall - 5 YEAR REVENUE PROJECTION**

2711	2016-2017				
	<u>Total</u>	<b>Projected</b>	<u>Projected</u>	2016-2017	2016-2017
	<u>Beds</u>	<u>Occupied</u>	<u>Occupancy</u>	Sem Rate	Proj Revenue
RENTABLE	384	376	98%	\$2,331.41	\$1,753,216.56
STAFF	16	16	100%	\$0.00	\$0.00
Totals	400	392	98%	•	\$1,753,216.56
					. , ,
	2017-2018				
	<u>Total</u>	<b>Projected</b>	<u>Projected</u>	2017-2018	2017-2018
	<u>Beds</u>	<u>Occupied</u>	<u>Occupancy</u>	Sem Rate	Proj Revenue
RENTABLE	384	376	98%	\$2,354.72	\$1,770,748.73
STAFF	16	16	100%	\$0.00	\$0.00
Totals	400	392	98%	•	\$1,770,748.73
	2018-2019				
	<u>Total</u>	<u>Projected</u>	<u>Projected</u>	2018-2019	2018-2019
	<u>Beds</u>	<u>Occupied</u>	<u>Occupancy</u>	Sem Rate	Proj Revenue
RENTABLE	384	376	98%	\$2,378.27	\$1,788,456.21
STAFF	16	16	100%	\$0.00	\$0.00
Totals	400	392	98%		\$1,788,456.21
	2019-2020				
	<u>Total</u>	<u>Projected</u>	<u>Projected</u>	2019-2020	2019-2020
	<u>Beds</u>	<u>Occupied</u>	<u>Occupancy</u>	Sem Rate	Proj Revenue

\$1,806,340.77

\$1,806,340.77

\$0.00

RENTABLE

**STAFF** 

**Totals** 

384

16

400

376

16

392

98%

100%

98%

\$2,402.05 \$0.00

#### 2020-2021

	<u>Total</u> <u>Beds</u>	Projected Occupied	Projected Occupancy	2020-2021 Sem Rate	2020-2021 Proj Revenue
RENTABLE STAFF Totals	384 16 400	376 16 392	98% 100% 98%	\$2,426.07 \$0.00	\$1,824,404.18 \$0.00 \$1,824,404.18
	<u>5 Yr Total</u>	<u>Proj Rev</u>			\$8,943,166.46

#### 7. An explanation of the means of financing:

This project will initially be funded from the Student Affairs/Residential Life Department's Fund Balance and Housing Receipts. Then, we will seek financing from a private bank placement for \$3,148,600 and will subsequently reimburse the fund balance through a reimbursement resolution.

# STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE DPOSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJECT

Form OC-25 (Rev 05/12)

\$28,489

PROPOSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJECT BIENNIUM 2015 - 2017

DEPARTMENT and DIVISION:	North Carolina Central University	DATE:	11/22/15
PROJECT IDENTIFICATION:	Baynes Residence Hall - Phase II Renovations		

PROJECT CITY or LOCATION: Durham, NC

PROJECT DESCRIPTION & JUSTIFICATION: Baynes Residence Hall is a 9-Story, 400-Bed facility built in 1966. It consists of 85,320 GSF of space. All Bedrooms are double-occupancy without private toilets. Group Toilets and Showers are located on each floor. The building has an antiquated two-pipe hot water, heating system with radiant heating units in each room. Window Air Conditioning units are located in each room, mounted in un-insulated single-hung windows. Window units in the 2nd and 3rd floor rooms are heating and cooling units, due to the limited flow of hot water in the corroded two-pipe system. The building's Electrical System is outdated and requires modernization and updating to new Electrical Code requirements. The two-car Elevator System is original and suffers from regular car stalls, inadequate response time and is unreliable. There has not been a major renovation of the building since 1996, except for the addition of a Fire Suppression System in 2012. This Project will consist of phased renovations to major elements of the building. The following items represent the areas proposed for the phased renovation:

- Interior Repairs to Corridors and Study Rooms
- Upgrade Main Electrical Infrastructure

PRECONSTRUCTION COSTS

- Renovate Electrical Service to Room HVAC Units
- Replace Elevators
- Replace Window AC Units and Radiators in Bedrooms with 4-pipe Fan Coil Units
- Replace all Windows, excluding Ground Floor Curtainwall

(Definitions/explanations are provided on pg 2 to assist in completion of this form.)		- 1 00		
CURRENT ESTIMATED CONSTRUCTION COST	QTY UN	II COS	ST PER UNIT	TOTAL
A. Land Requirement	0			\$0
B. Site Preparation				
1. Demolition	0			\$0
2. Site Work	0			\$0
C. Construction			1	
Utility Services	0			\$0
2. Interior Demolition	0			\$0
Building Construction (new space)	0			\$0
4. Interior Repairs to Corridors & Study Rooms - Floor/Ceilings/Paint	10760 SF	\$	20.00	\$215,200
5. Roof Replacement				
6. Window Replacement	210 each	\$	860.00	\$180,600
5. Plumbing (replace existing fixtures)	0			\$0
6. HVAC Upgrade	85320 SF	\$	21.00	\$1,791,720
7. Electrical (Main Electrical Dist. Panels & Bedroom HVAC)	36940 SF	\$	8.70	\$321,378
Replace Elevators and Controls	2 Cars	\$	170,000.00	\$340,000
9. Telephone, Data, Video	0			\$0
10. Associated Construction Costs	0			\$0
11. Other:				\$0
D. Equipment				
1. Fixed	0			\$0
2. Moveable	0			\$0
ESTIMATED CONSTRUCTION COSTS				\$2,848,898

1 % (% of Estimated Construction Costs [1% for CM@Risk])

0.5 %	(0.5% simple; 1.0% moderate; 1.5% complex)	\$14,244
1 %	(1.25% estimated)	\$28,489
%	(3% LEED Gold, 2% LEED Silver)	\$0
%	Includes programming, feasibility, analysis (% of Estimated Construction Costs)	\$0
5 %	(% of Estimated Construction Costs [3% New or 5% R&R] )	\$142,445
	ntingencies + Design Fee)	\$3,148,032
=	6 months 0 % per month	
nos = .26%; 18-23 mos = .2	9%; 24-35 mos = .33%; 36-47 mos = .36%; 48-60 mos = .38%	
Estimated Costs x <b>Es</b>	calation %)	\$0
(Estimated Costs + Es	scalation Cost Increase)	\$3,148,032
	TITLE	DATE
y Head)		
RTH CAROLINA - DE	PARTMENT OF ADMINISTRATION	Form OC-25
	1 % % % 5 %  nstruction Costs + Cornumber of months : mos = .12%; 36-47 mos = .2 Estimated Costs x Esc (Estimated Costs + Esc y Head)	% (3% LEED Gold, 2% LEED Silver)  Includes programming, feasibility, analysis % (% of Estimated Construction Costs)  5 % (% of Estimated Construction Costs [3% New or 5% R&R])  Instruction Costs + Contingencies + Design Fee) number of months  6 months  6 months  0 % per month  mos = .12%; 36-47 mos = .16%; 48-60 mos = .18%  Estimated Costs x Escalation %)  (Estimated Costs + Escalation Cost Increase)

# STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE PROPOSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJECT BIENNIUM 2015 - 2017

BIENNIUM 2015 - 2017
DEFINITIONS OR EXPLANATIONS

(Items not listed below are presumed to be self-explanatory. Questions may be directed to the State Construction Office.)

(Rev 05/12)

Item on Form Definition/Explanation

CURRENT ESTIMATED CONSTRUCTION COST	Attach basis and justification for estimate. Include description, quantities, units, special
A. Land Requirement	Includes purchase and acquisition costs (title search, filing fees, other legal fees, etc.)
B. 1. Demolition	Includes but may not be limited to lead and/or asbestos testing and removal, building or interior space demolition in whole or part.
B. 2. Site Work	Includes but may not be limited to grading, excavating, poor soils and/or rock removal, utilities relocation, roads, walks, parking, streambank repairs, stormwater management, retaining walls, rainwater harvesting systems, landscaping.
C. 1. Utility Services	Attach explanation of any special building, mechanical, or electrical service requirements with appropriate distance to existing buildings, water, gas, electrical or other utility service.
C. 9. Associated Construction Costs	Includes but may not be limited to construction fire alarm testing, utility shut downs, utilities, signage, security, displaced parking, staging, lock cores, keys, State Construction Office charges.
C. 10. Other	List other signficant sources of cost not included elsewhere. Additional lines may be added if needed.

#### PRECONSTRUCTION COSTS

CONTINGENCIES

Includes but may not be limited to land surveys, lead/asbestos surveys, environmental assessments, copying, postage, costs of print advertising, and destructive testing. For CM at Risk, preconstruction costs are consistent with the requirements of the preconstruction services agreement.

Unanticipated or unforseen conditions including but not limited to design error and omissions, concealed site conditions, utility conflicts, and extended overhead resulting from weather or other delay.

Ins	titution:	NC State Unive	ersity		Advance Planning Request:			
	erease in Authorizat oject Title: Price M				New Capital Project*: X			
Pro	oject Cost: \$400,00	00						
	urce of Funds: Uni		vard					
				nomitry places ide	entify and a litam number under which that			
	this project has pre hority is carried. C			iomy, piease ide	entify code/item number under which that			
Fo	r each advance pla	anning project or	capital constru	ction project, p	lease provide the following:			
1.	A detailed project	description and ju	stification:					
					loor of Price Music Hall to address life safety he electrical system. Locker replacement is			
2.	An estimate of acquisition, planning, design, site development, construction, contingency and other related costs (a completed OC-25 form)							
	See attached OC25.							
3.		An estimated schedule of cash flow requirements over the life of the project by FY quarters (Answer for capital construction only):						
	FY 2016 FY 2017	<u>Q1</u> \$232,021	<u>Q2</u> \$2,793 \$46,925	<u>Q3</u> \$28,241	<u>Q4</u> \$90,020			
4.	An estimated sche	edule for the comp	letion of the pro	ject:				
	Design Start: Dec Construction Start			lete: March 31, 2 Complete: Septe				
5.	An estimate of macovering the first	_	_		ng to support these costs, including personnel, ction only):			
	N/A							
6.	An estimate of revenues, if any, likely to be derived from the project, covering the first five years of operation (Answer for capital construction only):							
	No revenues will	be derived from th	is project.					
7.	An explanation of	the means of fina	ncing:					

University Carry Forward funding will finance the design and construction of this project.

### STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE

Form OC-25 (Rev 05/12)

### PROPOSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJECT BIENNIUM 2013 - 2015

DEPARTMENT and DIVISION: North Carolina State University DATE: 10/15/15							10/15/15
PROJECT IDENTIFICATION: Price Music Center First Floor Improvements							
PROJECT CITY or LOCATION: Raleigh - North Campus Precinct							
PROJECT DESCRIPTION & JUSTIFICATION							
This project will include minor repairs and imp	provements to the fi	irst floor of Price	ce Music for life	safety egres	s, ADA, a	acoustical atte	nuation, and the
electrical system. Locker replacement is also							
(Definitions/explanations are provided on pg 2 to a		this form.)			0007	DED LINE I	TOTAL 1
CURRENT ESTIMATED CONSTRUCTION C	COST		QTY	UNIT	COST	PER UNIT	TOTAL
A. Land Requirement							\$0
B. Site Preparation							\$0
1. Demolition					-		\$0
2. Site Work							ΨΟ
C. Construction					I	Т	\$0
Utility Services							\$0
<ol> <li>Building Construction (new space</li> <li>Building Construction (existing)</li> </ol>	<del>)</del>		1	lump sum	\$	317,778.00	\$317,778
				Turrip Surri	Ψ	017,770.00	\$0
<ol> <li>Plumbing (existing space)</li> <li>HVAC (existing space)</li> </ol>							\$0
6. Electrical (existing space)			1	lump sum	\$	25,000.00	\$25,000
7. Fire Supression and Alarm Syste	ms (new & existing	space)					\$0
8. Telephone, Data, Video (new & e							\$0
<ol><li>Associated Construction Costs</li></ol>	0 1 /		1	lump sum	\$	1,600.00	\$1,600
10. Other: staged park	king	_	1	lump sum	\$	450.00	\$450
D. Equipment		70					
1. Fixed							\$0
<ol><li>Moveable</li></ol>				,			\$0
ESTIMATED CONSTRUCTION COSTS						L	\$344,828
Items below may be calculated by percentage or lum	p sum. If using lump	sum, make entry	in \$ field.				
=======================================	10.0/	/0/ ( <b>-</b> 1				ī	\$34,483
DESIGN FEE			d Construction C		M@Diakl	\	\$3,448
PRECONSTRUCTION COSTS			d Construction C			' I	\$0
COMMISSIONING		(0.5% simple; (1.25% estima	1.0% moderate;	1.5% complex	)	}	\$0
SPECIAL INSPECTIONS/MATERIALS			tea) ld, 2% LEED Silv	05/		ŀ	\$0
SUSTAINABILITY	70					ł	Ψ0
	20.5		amming, feasibilit				00
ADVANCE PLANNING	%	(% of Estimate	ed Construction C	osts)			\$0
CONTINGENCIES	5 %	(% of Estimate	ed Construction C	osts [3% New	or 5% R8	kR])	\$17,241
							100 100
ESTIMATED COSTS (% of Estimated Cons	struction Costs + Cor	ntingencies + De	esign Fee)				\$400,000
Escalation = percent per month multiplied by r						-	
(From Est. Date to mid-point of construction) =		6	months		% per m	onth	
General Bldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 mo	os = .12%; 36-47 mos = .1	16%; 48-60 mos =	.18%		- 11 8250 - 11 8250		
					000/		
Health Bldgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 mos			3%; 36-47 mos = .36	6%; 48-60 mos =	:.38%	1	<b>60</b>
ESCALATION COST INCREASE (Total of Es	stimated Costs x Esc	calation %)				l	\$0
TOTAL ESTIMATED PROJECT COSTS	(Estimated Costs + Es	calation Cost Incr	ease)			1	\$400,000
APPROVED BY			TITLE University	y Architect			DATE 10.16.15
Governing Board or Agency	Head)						

Institution:	NC State University	Advance Planning Request:
T ' A 41		New Capital Project*: X
increase in Autho	rization from: \$ to \$	
Project Title: Pat	terson Hall Business Center Renovation	
Project Cost: \$1,	180,000 (Total Project Budget \$1,400,000 including	previous AP amount of \$220,000)
Source of Funds:	Carry Forward	
*If this project ha	s previously had advance planning authority, please	identify code/item number under which that

1. A detailed project description and justification:

This project will renovate the ground floor of Patterson Hall to upgrade the HVAC system. The basement is currently served by multiple split system air conditioners and 4-pipe fan coil units which are at the end of their serviceable life. The toilet rooms will also be upgraded as part of the project.

2. An estimate of acquisition, planning, design, site development, construction, contingency and other related costs (a completed OC-25 form)

See attached OC-25.

3. An estimated schedule of cash flow requirements over the life of the project by FY quarters (Answer for capital construction only):

	_Q1	<u>Q2</u>	<u>Q3</u>	<u>_Q4</u>
FY 2015				\$6,757
FY 2016	\$12,918	\$40,592	\$19,649	\$129,885
FY 2017	\$776,224	\$253,995	\$101,466	\$58,514

4. An estimated schedule for the completion of the project:

Design Start: 12/8/14 Design Complete: 12/21/15 Construction Start: 4/5/16 Construction Complete: 10/5/16

5. An estimate of maintenance and operating costs and source of funding to support these costs, including personnel, covering the first five years of operation (Answer for capital construction only):

N/A

6. An estimate of revenues, if any, likely to be derived from the project, covering the first five years of operation (Answer for capital construction only):

No revenues will be derived from this project.

7. An explanation of the means of financing:

Carry Forward funds will fund the construction of this project.

authority is carried. Code\_41424 Item 307

For each advance planning project or capital construction project, please provide the following:

### STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE

Form OC-25 (Rev 05/12)

### PROPOSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJECT BIENNIUM 2013 - 2015

	ARTMENT and DIVISION:	North Carolina Sta	ate University			_	DATE:	10/08/15
	JECT IDENTIFICATION:	Patterson Hall						
	JECT CITY or LOCATION:	Raleigh - North Ca				0/22		
PRO	ECT DESCRIPTION & JUSTI	FICATION: (Attach add'l data a	s necessary to in	dicate need, size, fu	unction of impro	vements	as well as a master	plan.)
The g	round floor of Patterson Hall v	vill be renovated to upgrade	the HVAC sy	stem. The base	ement is curr	ently s	erved by multiple	split system air
condi	tioners and 4-pipe fan coil unit	s which are at the end of the	eir servicable	life. The toilet ro	ooms will also	be up	graded as part of	of the project.
						20.7%2	A 1817	
(Defini	tions/explanations are provided o	n ng 2 to assist in completion c	of this form					
	RENT ESTIMATED CONSTRU		i tilis lollili.)	QTY	UNIT	Loo	ST PER UNIT	TOTAL
A.	Land Requirement	7011011 0001		Q11	ONT	1 00.	STI LITOINI	\$0
B.	Site Preparation					1	7.7	Ψ
	1. Demolition							\$0
	2. Site Work					<b>†</b>		\$0
C.	Construction							
	1. Utility Services			1	lump sum	\$	100,108.00	\$100,108
	2. Building Construction (r	new space)						\$0
	3. Building Construction (e	existing)		12387	gsf	\$	18.15	\$224,824
	4. Plumbing (new & existing	ng space)		12387	gsf	\$	10.00	\$123,870
	<ol><li>HVAC (new &amp; existing s</li></ol>			12387	gsf	\$	35.00	\$433,545
	<ol><li>Electrical (new &amp; existing)</li></ol>			12387	gsf	\$	8.50	\$105,290
		arm Systems (new & existing	g space)	12387	gsf	\$	5.25	\$65,032
		(new & existing space)		12387	gsf	\$	2.50	\$30,968
	Associated Construction				lump sum	\$	40,579.00	\$40,579
	Marie C. H. Marie and C. H. Carrier and C. H. Ca	patement	-	12387	gsf	\$	2.50	\$30,968
		aged Parking	-	1	lump sum	\$	6,750.00	\$6,750
D.		ecurity	•	1	lump sum	\$	22,000.00	\$22,000
D.	Equipment  1. Fixed			г				Φ0
	Moveable							\$0 \$0
FSTIN	MATED CONSTRUCTION C	OSTS			l			\$1,183,932
	elow may be calculated by percent		oum make entr	ov in C field			L	\$1,103,932
itellia b	elow may be calculated by percent	age or rump sum. It using rump	Sum, make em	y III \$ Held.				
DESIG	N FEE	10 %	(% of Estimate	ed Construction C	nete)		Г	\$118,393
	ONSTRUCTION COSTS			ed Construction C		:M@Rie	:k1)	\$8,879
	IISSIONING			1.0% moderate;			, F	\$17,759
	AL INSPECTIONS/MATERIA		(1.25% estima					
	AINABILITY			Gold, 2% LEED Silver)				
							<u> </u>	\$0
۸۵۷۸۱	NCE PLANNING	%		amming, feasibilited Construction C			- 1	\$0
ADVA	NOL PLANNING		(% OI ESTIMATE	ed Construction C	OSIS)		-	
CONT	NGENCIES	5 %	(% of Estimate	ed Construction C	osts [3% New	or 5%	R&R])	\$59,197
ESTIM	ATED COSTS (% of Estim	nated Construction Costs + Con	ntingencies + De	esign Fee)				\$1,400,000
	tion = percent per month multi							
(From I	Est. Date to mid-point of constru	iction) =	12	months	00	% per	month	
General I	Bldgs: 0-17 mos = 0%; 18-23 mos = .049	%; 24-35 mos = .12%; 36-47 mos = .1	6%; 48-60 mos =	.18%				
Haalth Di	dgs: 0-5 mos = .18%; 6-11 mos = .22 %	: 12-17 mos = 26% : 10 22 mos = 20	0/ · 24 25 mag	20% 26.47 mag = 06	20/ - 40 60 mas	200/		
				33%; 36-47 mos = .36	%; 48-60 mos =	.38%	Г	0.0
LOUAL	ATION COST INCREASE (T	otal OF Estillated Costs X ESC	aiauon %)				L	\$0
TOTAL	L ESTIMATED PROJECT C	OŞTS (Estimated Costs + Esc	calation Cost Inci	rease)			Г	\$1,400,000
	1							
APPRO	OVED BY: Ina	711	_	TITLE University	Architect		<u>D</u>	ATE 10.9.15
	(Governing Beard	or Agency Head)						

Ins	titution:	NC State Univer	sity		Advance Planning Request:		
Inc	rassa in Authoriza	tion from: \$	to \$		New Capital Project*: X		
		es Complex – iLab l					
		<u> </u>					
Pro	oject Cost: <u>\$400,0</u>	000					
So	urce of Funds: F&	:A					
		eviously had advand Code Iter		thority, please id	dentify code/item number under which that		
Fo	r each advance pl	anning project or	capital constr	uction project, ]	please provide the following:		
1.	A detailed project	et description and jus	stification:				
		vates the previous li noise cancellation de			ration lab area. It will include delineation of panels.		
2.	An estimate of acquisition, planning, design, site development, construction, contingency and other related costs (a completed OC-25 form)						
	See attached OC-	-25.					
3.	An estimated schedule of cash flow requirements over the life of the project by FY quarters (Answer for capital construction only):						
	•	01	O2	О3	04		
	FY 2016 FY 2017	\$102,125	\$4,616 \$21,214	<del>Q3</del> \$27,193	\$244,852		
4.	An estimated sch	edule for the compl	etion of the pro	oject:			
	Design Start: Dec Construction Star	cember 18, 2015 rt: March 30, 2016		plete: February 1 Complete: Aug			
5.	An estimate of maintenance and operating costs and source of funding to support these costs, including personnel, covering the first five years of operation (Answer for capital construction only):						
	N/A						
6.		evenues, if any, likel tal construction only		l from the projec	ct, covering the first five years of operation		
	No revenues will	be derived from thi	s project.				
7.	An explanation o	of the means of finar	icing:				
	F&A funds will f	fund the design and	construction of	f this project.			

# STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE

Form OC-25 (Rev 05/12)

### PROPOSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJECT BIENNIUM 2013 - 2015

DEPARTMENT and DIVISION:			_	DATE:	10/08/15		
PROJECT IDENTIFICATION:	Textiles Complex						
PROJECT CITY or LOCATION:	Raleigh - Cennten						
PROJECT DESCRIPTION & JUSTIFICATI	ON: (Attach add'l data as	necessary to indi	icate need, size, fu	nction of improv	vements	as well as a mas	ter plan.)
This project renovates the previous library	space to a student in	novation lab a	rea. It will includ	de delineatio	n of ne	ew lab spaces,	noise cancellation
devices, lighting, and acoustical panels.							
(Definitions/explanations are provided on pg 2 to		f this form.)					
CURRENT ESTIMATED CONSTRUCTION	COST		QTY	UNIT	COS	ST PER UNIT	TOTAL
<ul> <li>A. Land Requirement</li> </ul>							\$0
B. Site Preparation							
<ol> <li>Demolition</li> </ol>							\$0
<ol><li>Site Work</li></ol>			7				\$0
C. Construction							
<ol> <li>Utility Services</li> </ol>			2-1603				\$0
<ol><li>Building Construction (new spa</li></ol>	ice)					=	\$0
<ol><li>Building Construction (existing)</li></ol>			4,683	ASF	\$	25.00	
<ol><li>Plumbing (existing space)</li></ol>				- 1		*	\$0
<ol><li>HVAC (existing space)</li></ol>			4,683	ASF	\$	8.00	\$37,464
<ol><li>Electrical (existing space)</li></ol>			4,683		\$	16.00	\$74,928
<ol><li>Fire Supression and Alarm Sys</li></ol>		space)	4,683		\$	2.00	\$9,366
8. Telephone, Data, Video (new			4,683		\$	3.50	
Associated Construction Costs				lump sum	\$	5,532.00	
10. Other: staged pa	arking	-	1	lump sum	\$	1,125.00	\$1,125
D. Equipment							40
1. Fixed				livere e even	_	20 000 00	\$0
2. Moveable			1	lump sum	\$	80,000.00	
ESTIMATED CONSTRUCTION COSTS							\$341,881
Items below may be calculated by percentage or le	imp sum. It using lump	sum, make entry	in \$ field.				
DECICNIEFE	10.0/	(0) of Fatimete	d Camatuustian C	\		ĺ	\$34,188
DESIGN FEE			d Construction C d Construction C		NAD:	-1-1	\$3,419
PRECONSTRUCTION COSTS						SK])	
COMMISSIONING			1.0% moderate; 1	\$3,419			
SPECIAL INSPECTIONS/MATERIALS		(1.25% estimat		,			\$0 \$0
SUSTAINABILITY	70	(3% LEED GO	d, 2% LEED Silve	er)		9	\$0
			amming, feasibilit				
ADVANCE PLANNING	%	(% of Estimate	d Construction Co	osts)		7.	\$0
CONTINGENCIES	5 %	(% of Estimate	d Construction Co	nsts [3% New	or 5%	R&R1)	\$17,094
-		(70 Of Lotimato	a conditaction c	0010 [070 11011	0. 0.0	110,11] )	<b>\$11,001</b>
ESTIMATED COSTS (% of Estimated Co	onstruction Costs + Con	tingencies + De	sian Fee)				\$400,000
Escalation = percent per month multiplied by		tingenoies + be	oigir r cc)				\$100,000
(From Est. Date to mid-point of construction) =		9	months		% nai	r month	
General Bidgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35			9.		. 70 Pei	monu	
General Diugs. V-17 IIIUs = 0%, 10-23 IIIUS = .04%, 24-33	11105 = .1270, 30-47 11105 = .1	0 /0, 40-00 IIIOS = .	10 /0				
Health Bldgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 m	ios = .26%; 18-23 mos = .29	%; 24-35 mos = .33	3%; 36-47 mos = .36	%; 48-60 mos =	.38%	222	
ESCALATION COST INCREASE (Total of I	Estimated Costs x Esc	alation %)				[	\$0
1 1							
TOTAL ESTIMATED PROJECT COSTS	(Estimated Costs + Esc	calation Cost Incre	ease)				\$400,000
ADDROVED DV	4-						DATE 10.9.15
APPROVED BY Governing Board or Agend	W Hood)	_	TITLE University	Architect		-	DATE TO . 1.13
(GUV <del>ETTING BOOTS</del> OF AGENC	v i iedu)						

Ins	titution:	NC State Unive	ersity		Advance Planning Request:
	rease in Authorizat bject Title: Power				New Capital Project*: X
Pro	oject Cost: \$495,00	00			
Sou	urce of Funds: Faci	lities and Admini	strative Receipts	3	
	this project has pre hority is carried. C			hority, please ide	ntify code/item number under which that
Fo	r each advance pla	nning project or	capital constru	iction project, pl	ease provide the following:
1.	A detailed project	description and ju	stification:		
		6 & 7 to accomm	odate equipmen		g open office space in Varsity Research ng, research, and teaching and provide space
2.	An estimate of acc (a completed OC-		g, design, site de	velopment, const	ruction, contingency and other related costs
	See attached OC-2	25.			
3.	An estimated sche construction only)		requirements ov	ver the life of the	project by FY quarters (Answer for capital
	FY 2016 FY 2017	<u>Q1</u> \$26,366	Q2 \$10,835	<u>Q3</u> \$195,002	<u>Q4</u> \$262,797
4.	An estimated sche	dule for the comp	letion of the pro	ject:	
	Design Start: Dec Construction Start			olete: February 1, Complete: April	
5.	An estimate of ma	-	•		g to support these costs, including personnection only):
	N/A				
6.	An estimate of rev (Answer for capital	•	•	from the project	covering the first five years of operation
	No revenues will l	be derived from th	is project.		
7.	An explanation of	the means of fina	ncing:		
	Facilities and Adn	ninistrative Recei	ots will finance t	he design and co	nstruction of this project

#### STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE PROPOSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJECT

BIENNIUM 2013 - 2015

Form OC-25

(Rev 05/12)

DEPARTMENT and DIVISION: North Carolina State University								
	JECT IDENTIFICATION:	Varsity Research	Renovations	- Power America	а	_		
PRO	JECT CITY or LOCATION:	Raleigh - South C	ampus Precir	nct				
PRO	JECT DESCRIPTION & JUSTIFICA	TION: (Attach add'l data	as necessary to in	ndicate need, size, fu	nction of impro	vements as	s well as a master pl	an.)
Impro	ove approximately 6,300 square fee	t of existing open offic	e space in Va	rsity Research B	Building Mod	ules 6 &	7 to accommod	ate equipment for
manu	ufacturing, research and teaching an	d provide space for de	esign, meeting	g, testing and sto	orage.			ace equipment for
				,,				
(Defin	nitions/explanations are provided on pg 2	to assist in completion of	f this form.)					
	RENT ESTIMATED CONSTRUCTION			QTY	UNIT	Cos	T PER UNIT	TOTAL
A.	Land Requirement					1	Litt Olivir	\$0
B.	Site Preparation							40
	Demolition				T	Т		\$0
	2. Site Work					<del>                                     </del>		\$0
C.	Construction							ΨΟ
	Utility Services				Υ	T		60
	Building Construction (new s	naca)		-		-		\$0 \$0
	Building Construction (existing a suited by the suite			6285	GSF	\$	25.00	
	Plumbing (new & existing spa			6285		\$	25.00	\$157,125
	HVAC (new & existing space			6285		\$	4.00	\$25,140
	Electrical (new & existing space			6285		\$	19.50	\$122,558
	7. Fire Supression and Alarm S		a anasa)	6285		\$	14.00	\$87,990
	Telephone, Data, Video (nev		y space)	6285			2.00	\$12,570
	Associated Construction Cos					\$	1.25	\$7,856
	10. Other: Security				lump sum	9	3,500.00	\$3,500
D.	Equipment	<u></u>	-		lump sum	Ъ	8,154.00	\$8,154
υ.	1. Fixed							00
	Moveable							\$0
ESTI	MATED CONSTRUCTION COSTS					L		\$0
								\$424,893
items t	pelow may be calculated by percentage or	lump sum. If using lump	sum, make entry	y in \$ field.				
DECK	GN FEE	10.0/	(0) (=				_	240 400
				ed Construction Co			_	\$42,489
	CONSTRUCTION COSTS			ed Construction Co			])	\$2,124
	MISSIONING			1.0% moderate; 1	1.5% complex	)		\$4,249
	IAL INSPECTIONS/MATERIALS		(1.25% estima					\$0
SUST	AINABILITY	%	(3% LEED Go	old, 2% LEED Silve	er)			\$0
			Includes progr	ramming, feasibility	v analysis			
ADVA	NCE PLANNING	%		ed Construction Co				\$0
CONT	INGENCIES	5 %	(% of Estimate	ed Construction Co	osts [3% New	or 5% R	&R])	\$21,245
-o-u								
		Construction Costs + Cor	ntingencies + D	esign Fee)				\$495,000
	ation = percent per month multiplied							
	Est. Date to mid-point of construction)		6	months	0	% per m	onth	
General	Bldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-3	5 mos = .12%; 36-47 mos = .12	16%; 48-60 mos =	.18%				
Lloolth D	Ndoo 0 5 40% 0 44 00 % 40 47	000/ 40 00				1223		
	8ldgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17			33%; 36-47 mos = .36	%; 48-60 mos =	.38%	_	
ESCA	LATION COST INCREASE (Total o	r Estimated Costs x Es	calation %)					\$0
TOTA	L ESTIMATED PROJECT COSTS	(Estimated Costs + Esc	alation Cost Incre	ease)				\$495,000
	1	,	2.2.001 JOSE 11016	0000)				¥100,000
APPR	OVED BY: Lina Lina			TITLE University	Architect		DA	TE 10:20:15

(Governing Board or Agency Head)

Institution: UNC Asheville			Advance Planning Request:			
Inc Pro	crease in Authoriza	ntion from: \$ Hall Renovations	to \$	New Capital Project*: X		
Pro	oject Cost: \$700,0	00				
So	urce of Funds: Cas	sh on hand from Ho	using Reserves			
*If	this project has protect has protect thority is carried.	eviously had advan CodeN/A	ce planning aut _ Item _N/A	hority, please identify code/item number under which that		
Fo	r each advance pl	lanning project or	capital constru	ection project, please provide the following:		
1.	A detailed project	et description and ju	stification:			
	Hall residents ha The student baths shower pans/wall flooring would all and building enve eliminating mois	ve contributed to play rooms have original ls have completely to the replaced as pare elope issues. These	anning for this showers and fi failed in many it of this project include new part floor, emergerst floor, emergerst	296 bed suite style residence hall built in 1987. Mills renovation and would be involved with design aspects. xtures which create ongoing maintenance issues and nstances. Showers, fixtures, cabinets, vanities, and . The other primary aspects of this project address safety latform and walking area in attic, waterproofing and ency generator work, and possible masonry repairs. This of 2016.		
2.	An estimate of ac (a completed OC		, design, site de	velopment, construction, contingency and other related costs		
	Please see attache	ed.				
3.	An estimated sch construction only	edule of cash flow r	requirements ov	ver the life of the project by FY quarters (Answer for capital		
	FY 2015-2016					
	Q3 \$50,000					
	Q4 \$250,000					
	FY 2016-2017					
	Q1 \$400,000		,			
4.	An actimated cah	adula for the compl	ation of the pro	icati		
→.		edule for the compl	•			
	riiis project will	oegin iiiinediately t	ироп вос арр	oval and is estimated to be completed by 8/1/16.		
5.				source of funding to support these costs, including personnel, r capital construction only):		

No change.

### STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE

Form OC-25 (Rev 12/10/14)

### PROPOSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJECT BIENNIUM 2013 - 2015

DEP	ARTMENT and DIVISION:	<b>UNC</b> Asheville			,	DATE: _	11/16/15
	JECT IDENTIFICATION:	Mills Hall Renovation	ons				
PRO	JECT CITY or LOCATION:	Asheville, NC					
PRO	JECT DESCRIPTION & JUSTIFICA	ATION: Renovate bathrooms,	install HVAC service platforms in at	tic space, re	enovate one la	undry room to mitig	ate dryer exhaust issues,
	ductwork, and repair structural issues where			•		200	
			tagaja kan arawa kan sa	110			
	\$1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -						
•	nitions/explanations are provided on pg			La carrica o <del>ca</del>	····l····	saea muest	·
	RENT ESTIMATED CONSTRUCTI	ON COST	QTY	UNIT	COS	PER UNIT	TOTAL
Α.	Land Requirement						\$0
В.	Site Preparation			1-4	Ι φ	2 001	\$11,648
	1. Demolition		5824	ST	\$	2.00	
	2. Site Work						\$0 \$0
_	3. Abatement			L			Ψ
C.	Construction			Ι			<b>C</b> O
	Utility Services	,					\$0
	2. Building Construction (new s		5004			72.24	\$426,547
	Building Construction (existing)	ng)	5824		\$	73.24 12,000.00	\$420,54 <i>1</i> \$12,000
	4. Renovate Laundry Room	· · · · · · · · · · · · · · · · · · ·		ea		58,500.00	\$58,500
	5. Install HVAC service platform	ms in attic		ea	\$	75,000.00	\$75,000
	6. Structural Repairs		1	00	\$	25,000.00	\$25,000
	7. Clean Ductwork		 	ea	-   P	25,000.00	\$25,000
	8. Telephone, Data, Video	ata .					\$0
	Associated Construction Co     Others	SIS			_		\$0
ГОТ	10. Other: IMATED CONSTRUCTION COST	re	Alm Charles	l			\$608,695
			lumin aum maka antmi in 6 field			L	Ψ000,030
	items below may be calculated by perce	ntage or lump sum. If using	iump sum, make entry m ş neid.				
	NER COSTS	10 %	(% of Estimated Construction C	'oete)		Г	\$60,870
	IGN FEE	10 /0	( 70 OI ESTIMATED CONSTRUCTION C	0313)			
	JECT MANAGEMENT						\$0 \$0
	AL FEES						\$0
	C ENERGY GAS FEE						\$0
	WATER FEE					-	\$0
	CONSTRUCTION COSTS	%	(0.50/ )   4.00/	4.50/		·	\$0
	MISSIONING	0 %	(0.5% simple; 1.0% moderate;	1.5% com	olex)	-	\$0
	CIAL INSPECTIONS/MATERIALS	0 %	(1.25% estimated)			-	\$0
	TECHNICAL SURVEY						
	C TEST & BALANCE	Name and Advantage of the Advantage of t					\$0
SITE	& WATER LINE SURVEY	4					\$0
FUR	NITURE, FIXTURES, EQPMT						\$0
IT E	QUIPMENT	1					\$0
MO\	/ING	. I 19 19 19 19 19 19 19 19 19 19 19 19 19					\$0
SUS	STAINABILITY	0 %	(3% LEED Gold, 2% LEED Silv	ver)			\$0
			Includes programming, feasibil	itv. analvsi	S		
ADV	ANCE PLANNING	0 %	(% of Estimated Construction (		-		\$0
			•	-	N	, o D1 \	
CONTINGENCIES 5 %			(% of Estimated Construction C	Costs [3%	New or 5% F	(&K])	\$30,435
	<u> </u>					2	A700 000
TOT	AL ESTIMATED COSTS WITHOU	IT ESCALATION					\$700,000

Escalation = percent per month multiplied by number of months

Ins	titution:	The Univer	sity of North C	Carolina at Chapel	Hill Adv	vance Planning R				
Inc Pro	rease in Authorization	on from: <u>\$</u> trative Office	Building, 2 <sup>nd</sup>	and 3 <sup>rd</sup> Floor Reno	ovation	New Capital Pro	ject*:	X		
Pro	oject Cost: \$1,781,4	126								
Soi	urce of Funds: <u>F&amp;A</u>	<u>Funds</u>								
	this project has prev hority is carried. Co			ng authority, pleaso	e identify code/ite	m number under	which the	hat		
Fo	r each advance plai	nning projec	t or capital co	nstruction projec	ct, please provide	the following:				
2.	space on the secon- renovation will imprenovation will ent environment.  An estimate of acq	prove the effi ail removal o	ciency of the e f existing inter	existing space by a rior walls to open	dding 113 additio up space for more	nal work stations collaborative wo	. The orking			
	(Answer for capita					ingeney and other	Totaloa	Costs		
	See OC_25 form									
3.		An estimated schedule of cash flow requirements over the life of the project by FY quarters (Answer for capital construction only):								
	By End of:		3Q 2015-16	4Q 2015-16	1Q 2016-17	2Q 2016-17	Tota	al		
	Expected Expendit	ture	\$267,214	\$534,428	\$623,499	\$356,285	\$1,78	31,426		
4.	An estimated scheo		_			2016				
	Design start: Jan 20		•		-					
5.	. An estimate of maintenance and operating costs and source of funding to support these costs, including personnel, covering the first five years of operation (Answer for capital construction only):									
	na									
6.	An estimate of revo			erived from the pro	oject, covering the	first five years o	of operat	ion		
	na									

7. An explanation of the means of financing: F&A Funds

### STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE

Form OC-25 (Rev 05/12)

### PROPOSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJECT BIENNIUM 2013 - 2015

DEPARTMENT and DIVISION:	The University of North Carolin				:11/05/15
PROJECT IDENTIFICATION:	Administrative Office Building S	econd and Thire	d Floor Reno	vation	
PROJECT CITY or LOCATION:	Chapel Hill, NC	****			
PROJECT DESCRIPTION & JUSTIFICATI	ON: (Attach add'l data as necessary to inc	ficate need, size, fun	ction of improve	ements as well as a master pla	an.)
This project will renovate approximately 31	000 SE of office space on the sea	cond and third flo	nors of the A	dministrative Offive Rui	Idina for the Division of
Finance. The renovation will improve the					ioning for and Difficient of
(Definitions/explanations are provided on pg 2 to	assist in completion of this form.)				
<b>CURRENT ESTIMATED CONSTRUCTION</b>	COST	QTY	UNIT	COST PER UNIT	TOTAL
A. Land Requirement					
B. Site Preparation					
1. Demolition					
2. Site Work					
C. Construction			_		
<ol> <li>Utility Services</li> </ol>					
<ol><li>Building Construction (new spa</li></ol>	ice)				
<ol><li>Building Construction (existing)</li></ol>	l É	31,000	SF	\$ 3.75	\$116,250
<ol><li>Plumbing (new space)</li></ol>					
<ol><li>HVAC (new space)</li></ol>		31,000	SF	\$ 2.90	
<ol><li>Electrical (Includes TV &amp; Radio</li></ol>	Studio)	31,000	SF	\$ 1.15	
<ol><li>Fire Supression and Alarm Sys</li></ol>	tems	31,000	SF	\$ 0.50	
<ol><li>Telephone, Data, Video</li></ol>		31,000	SF	\$ 4.55	\$141,050
<ol><li>Associated Construction Costs</li></ol>					
10. Other:					
D. Equipment					
1. Fixed					
<ol><li>Moveable (furniture for 251 working)</li></ol>	k stations and associated office				
spaces)	•	1	Lump Sum		\$1,213,800
ESTIMATED CONSTRUCTION COSTS					\$1,612,150
Items below may be calculated by percentage or lui	np sum. If using lump sum, make entry	in \$ field.			
_				•	
DESIGN FEE		ed Construction Co			\$161,215
PRECONSTRUCTION COSTS	% (% of Estimate		-		
COMMISSIONING	0.5 % (0.5% simple;		.5% complex	)	\$8,061
SPECIAL INSPECTIONS/MATERIALS _	0 % (1.25% estima				
SUSTAINABILITY	% (3% LEED Go	ld, 2% LEED Silve	er)		
_	Includes progr	amming, feasibility	v. analysis		
ADVANCE PLANNING	% (% of Estimate	ed Construction Co	osts)		
_				EO/ DODI)	\$80,608
CONTINGENCIES _	5 % (% of Estimate	a Construction Co	osis (3% New	or 5% K&RJ)	\$00,000
COTHATED COOTS		\			¢4 704 40C
·	nstruction Costs + Contingencies + D	esign Fee)		Ī	\$1,781,426
Escalation = percent per month multiplied by			^ -	07	
(From Est. Date to mid-point of construction) =			U	% per month	
General Bldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 m	os = .12%; 36-47 mos = .16%; 48-60 mos = .1	18%			
Health Bldgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 mo	s = 26%: 18-23 mos = .29%: 24-35 mos = .33	%: 36-47 mas ≈ .36%	: 48-60 mas = .3i	8%	
ESCALATION COST INCREASE (Total of E		10,000	, ,,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Γ	\$0
EDUALATION COOT INCIDENCE (TOWN OF E	/			L	
TOTAL ESTIMATED PROJECT COSTS	(Estimated Costs + Escalation Cost Incre	ase)		Γ	\$1,781,426
ΙΛ -	11 -			_	
APPROVED BY: // //	100	TITLE: Director Fac	ilities Planning a	and Design <u>[</u>	DATE: 11/06/15
// (Governing Board or Agency	(Head)				

Ins	titution:	The University of North	n Carolina at Ch	apel Hill	Advance Plannir	
Inc	crease in Auth	orization from: \$_0 to <u>\$4</u>	14,200		New Capita	al Project*: x
Pro	oject Title:	Emergency Power Improvemer	nts for UNC Ma	rine Sciences Inst	ritutes	
Pro	oject Cost: \$4	114,200				
So	urce of Funds:	F&A Funds				
aut	thority is carrie	as previously had advance planted. Code Item	-			
Fo	r each advan	ce planning project or capital	construction p	roject, please pro	ovide the followir	ıg:
1.	The criti	iled description and justification ical nature of research at the Ma available. This results in loss of rations, ultra-low freezers and c	rine Sciences Ir of time and signi	ficant research do	ollars. In addition	to essential
2.		of acquisition, planning, design capital construction only and in			contingency and o	other related costs
	See attac	ched OC-25 form.				
3.	An estimated construction	d schedule of cash flow requirer only):	nents over the li	fe of the project l	by FY quarters (A	nswer for capital
		By End of:	2Q 2015-16	3Q 2015-16	4Q 2015-16	Total
		Expected Expenditure	\$35,000	\$150,000	\$229,200	\$414,200
4.	An estimated	d schedule for the completion of	the project:			
5.	Start dat Start dat End Dat An estimate	e: Design Octo	ober 1, 2015 ary 15, 2016 15, 2016 osts and source			ncluding personnel,
6.		of revenues, if any, likely to be capital construction only):	derived from th	e project, coverin	ng the first five yea	urs of operation

7. An explanation of the means of financing: F&A Funds

### STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION

#### STATE CONSTRUCTION OFFICE

Form OC-25 (Rev 05/12)

#### PROPOSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJECT BIENNIUM 2013 - 2015

DEPARTMENT and DIVISION: The University of North Carolina at							<del>-</del>	DATE:	11/06/15	
					nents for UNC Marine Sciences Institute					
PRC	JECT	CITY or LOCATION:	Morehead City, N	C						
PRC	JECT	DESCRIPTION & JUSTIFICATI	ON: (Attach add'l data as	s necessary to in	ndicate need, size, fur	nction of improv	ements as w	ell as a master j	plan.)	
time		I nature of research at the Marine ignificant research dollars. In ad tem.								
		/explanations are provided on pg 2 to		of this form.)						
		FESTIMATED CONSTRUCTION	I COST		QTY	UNIT	COST	PER UNIT	TOTAL	
Α.		nd Requirement				<u> </u>	<u> </u>		\$0	
В.		e Preparation			· · · · · · · · · · · · · · · · · · ·		1		^^	
		Demolition				<u> </u>			\$0	
^		Site Work				<u> </u>	<u>.                                    </u>		\$0	
C.	_	onstruction				1	ī		•••	
	1.	Utility Services	,			<u> </u>	ļ		\$0	
	2.	Building Construction (new spa	•			<u> </u>			\$0	
	3.	Building Construction (existing)	•			<u> </u>			\$0 \$0 \$0 \$0	
	4.	Plumbing (new space)			-	<del> </del>	<b> </b>		\$0	
	5.	HVAC (new space)			4	1		200 000 00		
	6.	Electrical (Emergency Generate			1	Lump Sum	\$	380,000.00	\$380,000	
	7.	Fire Supression and Alarm Sys	tems		-				\$0 \$0	
	8. 9.	Telephone, Data, Video Associated Construction Costs							\$0 \$0 \$0	
		Associated Construction Costs Other:							. \$0	
D.			<del></del>	<del>-</del>	<u> </u>	<b>!</b>			φυ	
υ.		uipment Fixed			·				\$0	
	1. 2.	Moveable							\$0 \$0	
EQTI		ED CONSTRUCTION COSTS			<u> </u>	<u>i</u>			\$380,000	
					meta é Sald			L	\$300,000	
items	Delow :	may be calculated by percentage or lu	anp sam, a using lump	sum, make em	ıyılı ş kelü.					
DESI	GN FI		9 %	(% of Estima	ted Construction C	nete)		Г	\$34,200	
		TRUCTION COSTS			ted Construction C		MariekiV	<u> </u>	\$0	
		IONING	<del></del> %	•	; 1.0% moderate; 1	-	,	ŀ	\$0	
		NSPECTIONS/MATERIALS		(1.25% estim		r.o 70 complex)		ŀ	\$0	
		BILITY			old, 2% LEED Silve	اما		-	\$0	
3031	AINA	DILII I	70	(3% LEED G	OIU, Z/6 LEEU SIIVE	31 <i>)</i>		ŀ	ΨΟ	
ADVA	NCE	PLANNING _	%		gramming, feasibility ted Construction Co				\$0	
CON	ringe	ENCIES	5 %	(% of Estimat	ted Construction Co	osts [3% New	or 5% R&R	(J)	\$19,000	
ESTI	ИАТЕ	D COSTS (% of Estimated Co	nstruction Costs + Con	tingencies + D	esign Fee)				\$414,200	
Escal	ation =	= percent per month multiplied by	number of months							
(From	Est. D	Date to mid-point of construction) =	:	i	8 months	0	% per mor	nth		
General	Bldgs:	0-17 mos = 0%; 18-23 mos = .04%; 24-35 t	mos = .12%; 36-47 mos = .1	16%; 48-60 mos :	= .18%					
	-	-5 mos = .18%; 6-11 mos = .22 %; 12-17 m			.33%; 36-47 mos = .36	6%; 48-60 mos =	.38%	-		
		ON COST INCREASE (Total of E	•	•				L	\$0	
TOTA	L ES	TIMATED PROJECT COSTS	(Estimated Costs + Est	calation Cost Inc	crease)				\$414,200	
\PPR	OVE	DBY: //	·-	_	TITLE: Director Fac	cilities Planning	and Design		DATE: 11/06/15	

Ins	titution:	The University of North Carolina at Cha	apel Hill	Advance Planning Request	
	rease in Authorizat oject Title: <u>Chase D</u>	ion from: Dining Hall Second Floor Renovations		New Capital Project*:	X
Pro	oject Cost: <u>\$3,850</u> ,	000			
Soi	urce of Funds: <u>Au</u>	xiliary Trust Fund			
	this project has pre hority is carried. C	viously had advance planning authority, plode: Item:	lease identify co	ode/item number under which tha	ıt
Fo	r each advance pla	nning project or capital construction pr	oject, please p	rovide the following:	
1.	A detailed project	description and justification:			
2nd of t	d floor of the Chase the lower floor. The	vate approximately 5,028 square feet of exical Dining Hall into a food serves and dining a project will also address accessibility definances to the main food services and dining	areas as an exte	ension of the existing dining progestrooms as well as introduce a ne	gram
2.		quisition, planning, design, site developme al construction only and include a complete			osts
See	e OC25				
3.	An estimated sche construction only)	edule of cash flow requirements over the lift:	fe of the project	by FY quarters (Answer for capi	ital
	End of: 2Q eected Expenditure			2016-17	0
4.	An estimated sche	edule for the completion of the project:			
	Design: 1/1/16; C	onstruction start: 12/1/16; construction con	npletion: 8/1/16	i	
5.		nintenance and operating costs and source of five years of operation (Answer for capital			onnel,
	n/a				
6.		venues, if any, likely to be derived from the al construction only):	e project, coveri	ng the first five years of operatio	n
	na				

 $7. \quad \text{An explanation of the means of financing: } \text{Auxiliary Trust Fund} - \text{dining receipts}$ 

### STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE

Form OC-25 (Rev 05/12)

### PROPOSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJECT BIENNIUM 2013 - 2015

DEPARTMENT and DIVISION: The University of North Car						<u> </u>	DATE	11/06	/15
	JECT IDENTIFICATION:	Chase Dining Ha	i Second Flo	or Renovation					*******
	JECT CITY or LOCATION:	Chapel Hill, NC							
	IECT DESCRIPTION & JUSTIFICATIO								
servic	project will renovate approximately 5,02 se and dining area. The renovation wil ssibility deficiencies.								
(Defini	itions/explanations are provided on pg 2 to	assist in completion of	this form \						
	RENT ESTIMATED CONSTRUCTION		ano toneta)	QTY	:: UNIT:	COST	PER UNIT		TOTAL
A.	Land Requirement	5001					·).E((\$(\$)	7,77,00,00	
В.	Site Preparation			<u> </u>				<u> </u>	
ъ.	Demolition			1	LUMPS	\$	180,000	Ī\$	180,000
	2. Site Work					1	,	<u> </u>	
C.	Construction			<u> </u>				•	
	1. Utility Services								
	Building Construction (new spa	ice)							
	Building Construction (existing)			5028	SF	\$	295	\$	1,483,260
	4. Plumbing			5028		\$	35		175,980
	5. HVAC			5028	SF	\$	45		226,260
	6. Electrical (Includes TV & Radio	Studio)		5028	SF	\$	10	\$	50,280
	7. Fire Suppression and Alarm Sy			5028		\$		\$	40,224
	8. Telephone, Data, Video (Includ	led in Electrical)		5028	LS	\$	12	\$	60,336
	<ol><li>Associated Construction Costs</li></ol>								
	<ol><li>Other: Reserves (secured acc signage, digital displays and cashie</li></ol>		•	1	LS	\$	120,000	\$	120,000
<b>D</b>	Faulanant								
D.	Equipment			41	LS	\$	693,504	\$	693,504
	Fixed (Kitchen Equipment)     Moveable (Furniture)				LS	\$	400,000		400,000
ECTIA	MATED CONSTRUCTION COSTS				40	<u> </u>	400,000	\$	3,429,844
	elow may be calculated by percentage or lum	o sum. If using lump su	m. make entry i	n \$ field.			į	Ψ	0,420,044
		,,,,,,,,,,,,,	•	•					
DESIG	SN FEE	10 %	(% of Estima	ted Construction Costs	)			\$	342,984
PREC	ONSTRUCTION COSTS	0 %	(% of Estimation	ted Construction Costs	[1% for CM@	@Risk])	Ì		
COMM	MISSIONING	1 %	(0.5% simple	; 1.0% moderate; 1.5%	complex)			\$	34,298
SPECI	AL INSPECTIONS/MATERIALS	1.25 %	(1.25% estim	ated)				\$	42,873
SUSTA	ainability –	%	(3% LEED G	old, 2% LEED Silver)					
	-	·	Includes prod	ramming, feasibility, ar	nalveis				
ADVA	NCE PLANNING	%		ed Construction Costs					
	_						ļ	•	474 400
CONT	INGENCIES _	5 %	(% of Estimat	ed Construction Costs	[3% New or	5% R&RJ)	-	\$	171,492
FSTIM	ATED COSTS (% of Estimated Con	struction Costs + Conti	naencies + De	sion Fee)				\$	3,850,000
	tion = percent per month multiplied by r			g,			Ļ	т	51000,000
	Est. Date to mid-point of construction) =	dilibor of months	16	3 months		0 % per mo	nth		
•	Bldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 m	nos = .12%; 36-47 mos = .1				<u> </u>			
	•								
	dgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 mo	•		33%; 36-47 mos = .36%; 4	8-60 mos = .38	%	г		
ESCAL	ATION COST INCREASE (Total of Es	timated Costs x <b>Esca</b> l	ation %)				L	\$	-
TOTAL	L ESTIMATED PROJECT COSTS	, (Estimated Costs + Esca	lation Cost Incre	ase)			Г	\$	3,850,000
		<u> </u>		•			L		
APPRO	OVED BY: // / M. // U			TITLE: Director Facilities	s Planning and	Design	<u>]</u>	DATE: 11/6/1	15

Ins	titution: University of North Carolina						
Ina	rease in Authorization from: \$ to \$	New Capital Project*: X					
	ject Title: Irwin Belk Track Resurfacing	<del></del>					
Pro	ject Cost: \$1,400,000						
Sou	arce of Funds: Non-General Funds – Athletic Found	dation Reserves					
	this project has previously had advance planning authority is carried. Code Item	uthority, please identify code/item number under which that					
For	r each advance planning project or capital const	ruction project, please provide the following:					
1.	A detailed project description and justification:						
	resurfaced. The project is to remove all existing tra	I field events. It has degraded to the point at which it must be ack surface to the base and install a new surface. There will be rearrangement of the high jump pole vault. The proposed 2016.					
2.	An estimate of acquisition, planning, design, site development, construction, contingency and other related costs (a completed OC-25 form)						
	Attached						
3.	An estimated schedule of cash flow requirements construction only):	over the life of the project by FY quarters (Answer for capital					
	N/A						
4.	An estimated schedule for the completion of the pr	roject:					
	Design Start: December 14, 2015	Construction Start: May 1, 2016					
	Construction Complete: August 1, 2016	Occupy: August 1, 2016					
5.	An estimate of maintenance and operating costs ar covering the first five years of operation (Answer	nd source of funding to support these costs, including personnel for capital construction only):					
	N/A						
6.	An estimate of revenues, if any, likely to be derive (Answer for capital construction only):	ed from the project, covering the first five years of operation					
	N/A						
7.	An explanation of the means of financing:						
	Athletic Foundation Reserves (cash on hand)						

#### STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE

(Rev 05/12)

Form OC-25

#### PROPOSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJECT

BIENNIUM 2013 - 2015

(Definitions/explanations are provided on pg 2 to assist in completion of this form.)

DEPARTMENT and DIVISION:		UNC Charlotte	UNC Charlotte			10/26/15			
PRC	DJECT IDENTIFICATION:	Irwin Belk Track R	esurfacing		-				
PRC	DJECT CITY or LOCATION:	Charlotte, NC	-						
PRC	JECT DESCRIPTION & JUSTIFIC	CATION: The Belk Track has	degraded to the point at which it mu:	st be resurface	d. The project is to remove a	III exixting track surface to			
the b	ase and install a new surface. There will b	e some additional electrical line	es installed and some rearrangemen	t of the high jun	np pole vault.				
			O.T.V	1 118117	A COST DED LINE	TOTAL			
	RENT ESTIMATED CONSTRUC	TION COST	QTY	UNIT	COST PER UNIT	TOTAL			
Α.	Land Requirement					\$0			
B.	Site Preparation		/2000	ICE	I & 4.00	<u> </u>			
	1. Demolition		63900	SF.	\$ 4.80	\$306,720			
C.	2. Site Work					\$0			
C.	Construction			I	<u> </u>	¢Ω			
	Utility Services     Dividing Construction (now					\$0 \$0			
	Building Construction (new     Building Construction (new	•	63900	CE	\$ 14.17	\$905,463			
	Building Construction (exists)  A Dlumbing (new engage)	sung)	03900	SF	\$ 14.17	\$903,403			
	<ol> <li>Plumbing (new space)</li> <li>HVAC (new space)</li> </ol>					\$0 \$0			
	<ul><li>5. HVAC (new space)</li><li>6. Electrical (Includes TV &amp; F</li></ul>	Padio Studio)				\$0			
	7. Fire Supression and Alarm					\$0			
	8. Telephone, Data, Video	i Systems				\$0			
	<ol> <li>Associated Construction C</li> </ol>	nete				\$0			
		ect Support	1	LS	\$ 5,208.00	\$5,208			
D.	Equipment	oct Support			ψ 0,200.00	Ψ0/200			
	1. Fixed					\$0			
	2. Moveable					\$0			
FST	IMATED CONSTRUCTION COS	STS	<u> </u>	<u>I</u>	1	\$1,217,391			
	below may be calculated by percentag		sum, make entry in \$ field.		ļ	· · ·			
		,	, <b>,</b>						
DES	SIGN FEE	10 %	(% of Estimated Construction C	osts)		\$121,739			
PRE	CONSTRUCTION COSTS	0 %	(% of Estimated Construction C	osts [1% for (	CM@Risk])	\$0			
CON	MMISSIONING	0 %	(0.5% simple; 1.0% moderate;	nple; 1.0% moderate; 1.5% complex)					
SPE	CIAL INSPECTIONS/MATERIALS		(1.25% estimated)						
SUS	TAINABILITY	0 %	(3% LEED Gold, 2% LEED Silv	LEED Gold, 2% LEED Silver)					
			Includes programming, feasibili	ty, analysis					
ADV	ANCE PLANNING	0 %	(% of Estimated Construction C			\$0			
COV	ITINGENCIES	5 %	(% of Estimated Construction C	insts [3% Nev	v or 5% R&R1 )	\$60,870			
COI	VIIIVOLIVOILO		(70 of Estimated Construction C	0313 [070 1404	VOI 570 Harry	<del>+ + + + + + + + + + + + + + + + + + + </del>			
EST	IMATED COSTS (% of Estimat	ed Construction Costs + Co	ntingencies + Design Fee)			\$1,400,000			
Esca	alation = percent per month multipli		0 0 ,		l				
	m Est. Date to mid-point of construc	-	12 months	0	% per month				
Gener	ral Bldgs: 0-17 mos = 0%; 18-23 mos = .04%	: 24-35 mos = .12%; 36-47 mos =	.16%; 48-60 mos = .18%		-				
Health	n Bldgs: 0-5 mos = .18%; 6-11 mos = .22 %;	12-17 mos = .26%; 18-23 mos =	29%; 24-35 mos = .33%; 36-47 mos =	.36%; 48-60 mo	S = .38%				
ESC	ALATION COST INCREASE (Tot	al of Estimated Construction	on Costs x <b>Escalation %</b> )			\$0			
тот	AL ESTIMATED PROJECT CO	STS (Fetimated Construct)	on Costs + Escalation Cost Incres-	١	·	\$1,400,000			
101	AL ESTIMATED PROJECT CO	(ESHINATED CONSTRUCTI	on Costs + Escalation Cost Increase	)		ψ1,400,000			
APP	ROVED BY:		TITLE			DATE			
-	(Governing Board or	Agency Head)	<del></del>		<del></del>				

Ins	titution:	-	University of North Car	rolina at Charlotte		Advance Planning Request:  New Capital Project*: X
			n from: \$ to \$_ Cedar Swing Space	<del></del>		New Capital HojectX
110	jeet Title.	THEROTY	zedai Swing Space			
Pro	ject Cost:	\$800,000	)			
Sou	urce of Fun	ds: Carry	-forward; Facilities and	Administration (F	&A) funds	
			ously had advance plant le Item		ase identify co	ode/item number under which that
Fo	r each adva	ance plan	ning project or capital	construction pro	ject, please p	covide the following:
1.	A detailed	l project d	escription and justificati	on:		
	The University swing sparequested installation	ersity plan ce for upc is for a mi n of equip	s to re-purpose the build oming modernizations of mor refurbishment proje	lings to administra of academic building oct to prepare the so g, furniture, and m	tive space. Inings in the core paces for this inor repairs to	taken out of the housing inventory. tially the buildings will be used as of campus. The authorization purpose. The project includes provide 63 offices per building. A s.
	Item: 4132	26-307) at		increases in other	CID 2 sub-pro	Development Phase II (CID 2, Code- ojects due to unforeseen conditions eparately.
2.	An estima (a comple	-	1 0 0	, site development	, construction	, contingency and other related costs
	Attached					
3.	An estima		ale of cash flow requirer	ments over the life	of the project	by FY quarters (Answer for capital
	FY16 QT	R 3	\$48,000	FY17 QTR 1	\$432,000	
	FY16 QT	R 4	\$176,000	FY17 QTR 2	\$144,000	
4.	An estima	ited schedi	ale for the completion of	f the project:		
	Design St	art	1/1/2016	Consti	uction Start	6/1/2016
	Constructi	ion Compl	ete 10/1/2016	Occup	y	11/1/2016
5.			tenance and operating c re years of operation (Ar			pport these costs, including personnel, ily):
	Fiscal Yea	ar 2017	\$210,000	Fiscal	Year 2020	\$210,000
	Fiscal Yea	ar 2018	\$210,000	Fiscal	Year 2021	\$210,000
	Fiscal Yea	ar 2019	\$210,000			
6.			nues, if any, likely to be construction only):	derived from the J	project, coveri	ng the first five years of operation

7. An explanation of the means of financing: Carry-forward; Facilities and Administration (F&A) funds (cash on

Revised 5-14-2014

N/A

hand)

#### STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE

Form OC-25

(Rev 05/12)

#### PROPOSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJECT BIENNIUM 2013 - 2015

(Definitions/explanations are provided on pg 2 to assist in completion of this form.)

DEP.	ARTMENT and DIVISION:	UNC Charlotte				DATE:	09/22/15			
PRO	Hickory/Cedar Swi	/ir	ing Space Phase 1		= 					
PRO	JECT CITY or LOCATION:	Charlotte, NC								
PRO	JECT DESCRIPTION & JUSTIFIC	ATION: Minor refurbishn	m	nent includes moves, adding e	quipment fo	r Wi-Fi, paint, clean ar	nd the reuse			
of ex	isting furniture,. 63 person swing s	pace offices per building	g.	. Project support includes in-h	ouse IT cab	ling and equipment.				
	RENT ESTIMATED CONSTRUCT	TION COST		QTY	UNIT	COST PER UNIT	TOTAL			
Α.	Land Requirement						\$0			
B.	Site Preparation					T	,			
	1. Demolition						\$0			
C	2. Site Work						\$0			
C.	Construction					I	φ.ο.			
	Utility Services	`					\$0			
	2. Building Construction (new			44208.22	CE	¢ / 07	\$0 \$268,344			
	3. Building Construction (exist	urig)		44200.22	SF	\$ 6.07				
	<ul><li>4. Plumbing (new space)</li><li>5. HVAC (new space)</li></ul>						\$0 \$0			
	6. Electrical (Includes TV & R	adio Studio)					\$0			
	7. Fire Supression and Alarm	•					\$0			
	8. Telephone, Data, Video	Systems		44208.22	SF	\$ 9.04				
	Associated Construction Co	nsts		11200.22	01	7.01	\$0			
		upport		1	LS	\$ 9,008.00				
D.	Equipment									
	1. Fixed						\$0			
	2. Moveable			44208.22	SF	\$ 0.63				
EST	IMATED CONSTRUCTION COS	TS					\$704,845			
Items	below may be calculated by percentage	or lump sum. If using lump	) S	sum, make entry in \$ field.						
DES	IGN FEE	7.5 %	•	(% of Estimated Construction Co	osts)		\$52,863			
PRE	CONSTRUCTION COSTS	0 %	,	(% of Estimated Construction Co	stimated Construction Costs [1% for CM@Risk])					
COM	IMISSIONING	0 %	,	(0.5% simple; 1.0% moderate; 1	% simple; 1.0% moderate; 1.5% complex)					
SPE	CIAL INSPECTIONS/MATERIALS			(	estimated)					
SUS	TAINABILITY	0 %	,	(3% LEED Gold, 2% LEED Silve	3% LEED Gold, 2% LEED Silver)					
				Includes programming, feasibilit	v analysis					
ADV	ANCE PLANNING	1 %	,	(% of Estimated Construction Co			\$7,048			
					•					
CON	TINGENCIES	5 %	•	(% of Estimated Construction Co	osts [3% New	or 5% R&R])	\$35,242			
-o-	MATER 20070 (2) 47 47 11						ф000 000			
		ed Construction Costs + Co	n	ntingencies + Design Fee)			\$800,000			
	lation = percent per month multiplie	•		40 "		0/				
•	n Est. Date to mid-point of constructi	,		12 months	Ü	% per month				
	al Bldgs: 0-17 mos = 0%; 18-23 mos = .04%; 2									
	Bldgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12				6%; 48-60 mos	= .38%				
ESC	ALATION COST INCREASE (Tota	al of Estimated Construction	10	on Costs x <b>Escalation %</b> )			\$0			
TOT	AL ESTIMATED PROJECT COS	STS (Estimated Constructi	tin	ion Costs + Escalation Cost Increase)			\$800,000			
		(		1 200 · 2000.000 0000 morodocy			, ,			
APP	ROVED BY:			TITLE			DATE			
	(Coverning Reard or A	Vacuory Hoad)				_	<del></del>			

#### (Rev 05/12)

## STATE CONSTRUCTION OFFICE PROPOSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJECT BIENNIUM 2013 - 2015

#### **DEFINITIONS OR EXPLANATIONS**

(Items not listed below are presumed to be self-explanatory. Questions may be directed to the State Construction Office.

Item on Form

#### Definition/Explanation

CURRENT ESTIMATED CONSTRUCTION COST	Attach basis and justification for estimate. Include description, quantities, units, special
A. Land Requirement	Includes purchase and acquisition costs (title search, filing fees, other legal fees, etc.)
B. 1. Demolition	Includes but may not be limited to lead and/or asbestos testing and removal, building or interior space demolition in whole or part.
B. 2. Site Work	Includes but may not be limited to grading, excavating, poor soils and/or rock removal, utilities relocation, roads, walks, parking, streambank repairs, stormwater management, retaining walls, rainwater harvesting systems, landscaping.
C. 1. Utility Services	Attach explanation of any special building, mechanical, or electrical service requirements with appropriate distance to existing buildings, water, gas, electrical or other utility service.
C. 9. Associated Construction Costs	Includes but may not be limited to construction fire alarm testing, utility shut downs, utilities, signage, security, displaced parking, staging, lock cores, keys, State Construction Office charges.
C. 10. Other	List other signficant sources of cost not included elsewhere. Additional lines may be added if needed.
PRECONSTRUCTION COSTS	Includes but may not be limited to land surveys, lead/asbestos surveys, environmental assessments, copying, postage, costs of print advertising, and destructive testing. For CM at Risk, preconstruction costs are consistent with the requirements of the preconstruction services agreement.
CONTINGENCIES	Unanticipated or unforseen conditions including but not limited to design error and omissions, concealed site conditions, utility conflicts, and extended overhead resulting from weather or other delay.

Ins	stitution:	UNC Asheville	Advance Planning Request: X
Inc	crease in A	Authorization from: \$ to \$	New Capital Project*:
Pro	oject Title:	Student Apartment Housing Project	ot
Pro	oject Cost:	Advanced Planning Cost \$467,400	Estimated Total Project Cost \$31,653,895
So	urce of Fu	nds: Advanced Planning, cash on ha Total Project, Debt financed, se	Ç
		ct has previously had advance plann arried. CodeN/A Item_N	ing authority, please identify code/item number under which that J/A
Fo	r each ad	vance planning project or capital o	construction project, please provide the following:
1.	A detaile	ed project description and justification	on:
	market d detailed : beds bas Sophome style unit parking s	emand from students for on-campus market analysis (see attached), dema ed on current enrollment); however ore, juniors and seniors are generating ts. The project will include multiple	truction of new on-campus student apartment housing to meet the apartment-style housing. Based on an externally conducted and and exists at UNC Asheville for additional on-campus beds (260 current housing inventory is misaligned with student demand. In the greatest demand and 54% of the demand is for apartment-buildings, totaling 300 beds (based on future growth) with 300 ments that have shared living and kitchen spaces. Students, in the design process.
2.		nate of acquisition, planning, design, eted OC-25 form)	site development, construction, contingency and other related costs
	Please se	ee attached OC-25.	
3.		nated schedule of cash flow requiremention only):	ents over the life of the project by FY quarters (Answer for capital
	Cash flo	w requirements will be developed as	part of the advanced planning study.
4.	An estim	ated schedule for the completion of	the project:
		d Planning will begin immediately u project has a desired completion date	upon BOG approval and is estimated to be completed by 6/21/2016, e of August 1, 2018.
5.		ate of maintenance and operating co	sts and source of funding to support these costs, including personnel, swer for capital construction only):
	Maintena	ance and operating cost will be devel	oped as part of the advanced planning study.

6. An estimate of revenues, if any, likely to be derived from the project, covering the first five years of operation (Answer for capital construction only):

An estimate of revenues from the project will be developed as part of the advanced planning study.

7. An explanation of the means of financing:

Funding source for Advanced Planning, cash on hand from Housing Reserves. Funding source for Total Project, debt financed, self-liquidating.

## STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE

Form OC-25 (Rev 12/10/14)

## PROPOSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJECT BIENNIUM 2013 - 2015

DEP	ARTMENT and DIVISION:	UNC Asheville					DATE:	11/12/15
PRO	JECT IDENTIFICATION:	Student Apartment House	sing	-7				
PRO	JECT CITY or LOCATION:	Asheville, NC				1, ,,,1,,	- 11 - 12 - 12 - 12 - 1	
mark at Ul dema inclu bedr	JECT DESCRIPTION & JUSTIFICATIVE tet demand from students for on-campus NC Asheville for additional on-campus and. Sophomore, juniors and seniors and multiple buildings, totaling 300 beds boom/2 bath apartments that have share hadd'l data as necessary to indicate need, size,	us, apartment-style housing beds (260 beds based on of are generating the greatest is (based on future growth) and living and kitchen space	g. Based of current enrolled the demand a with 300 pages. Studen	on an externally ollment); howe nd 54% of the arking spaces ts, faculty and	y conducte ver curren demand is (to help ad	d and de t housing for apart dress the	tailed market an inventory is mis ment-style units lack of parking	alysis, demand exists saligned with student . The project will on campus) with 4
-	Albahan dan 1990 ki Andria dan dan Bahan dan Andria dan Bahan dan		<u> </u>			1	171 - 27 1 - 27	
(Defi	nitions/explanations are provided on pg 2 to	o assist in completion of this f	form.)					
CUR	RENT ESTIMATED CONSTRUCTION	COST		QTY	UNIT	COS	T PER UNIT	TOTAL
A.	Land Requirement							\$0
В.	Site Preparation						Ancia Solice	
	1. Demolition							\$0
	2. Site Work			1	Lot	\$	525,000.00	\$525,000
	3. Abatement							\$0
C.	Construction		·	/ / / - i - i - i - i - i - i - i - i -				
	Utility Services		. [					\$0
	<ol><li>Building Construction (new spa</li></ol>		eds	105,000	sq.ft.	\$-	199.00	\$20,895,000
	<ol><li>Building Construction (existing)</li></ol>			the a contraction				\$0
	<ol><li>Plumbing (new space)</li></ol>							\$0
	5. HVAC (new space)		-					\$0
	6. Electrical (Includes TV & Radio	•	4.10	NA THE STATE OF TH				\$0
	7. Fire Supression and Alarm Sys	stems	n ja					\$0
	8. Telephone, Data, Video		14 1 14 , 1	Sacra Carro				\$0
	Associated Construction Costs		-	200	0	+-	0.500.00	\$0
-0-	10. Other: Parking		L	300	Space	\$	6,500.00	\$1,950,000
	IMATED CONSTRUCTION COSTS	arthrope Authorities	s				L	\$23,370,000
	items below may be calculated by percentage	ge or lump sum. If using lump	sum, make	entry in \$ field.				
	NER COSTS	0 0/ (0/	. C = . C	0	(-)		г	\$1,869,600
	IGN FEE	,		Construction C	•		-	\$233,700
	JECT MANAGEMENT	1 % (% 6	of Estimated	Construction C	osts)			
	AL FEES							\$0
	C ENERGY GAS FEE						ļ	\$5,000
	WATER FEE							\$25,000
	CONSTRUCTION COSTS	%		122 1 O I				\$250,000
	MISSIONING			.0% moderate; 1	1.5% comple	ex)		\$250,000
	CIAL INSPECTIONS/MATERIALS	0 % (1.2	5% estimate	ed)				\$312,500
	TECHNICAL SURVEY							\$20,000
	C TEST & BALANCE							\$50,000
	& WATER LINE SURVEY							\$20,000
	NITURE, FIXTURES, EQPMT							\$1,134,932
	QUIPMENT							\$100,000
	/ING							\$0
SUS	TAINABILITY	2 % (3%	LEED Gold	, 2% LEED Silve	er)			\$467,400
		Inclu	udes progra	mming, feasibilit	y, analysis			
ADV	ANCE PLANNING	2 % (% c	of Estimated	Construction C	osts)			\$467,400
CON	ITINGENCIES	3 % (% c	of Estimated	Construction C	osts [3% Ne	ew <b>or</b> 5%	R&R])	\$701,100

ESTIMATED COSTS (% of Estimated Construction Costs + Contingence	cies + Design Fee)	\$29,276,632
Escalation = percent per month multiplied by number of months		
(From Est. Date to mid-point of construction) =	28 months 0.29 % per month	
General Bldgs: 0-17 mos = $0\%$ ; 18-23 mos = $.04\%$ ; 24-35 mos = $.12\%$ ; 36-47 mos = $.\overline{16\%}$ ; 48	3-60 mos = .18%	
Health Bldgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 mos = .26%; 18-23 mos = .29%; 24-3	35 mos = .33%; 36-47 mos = .36%; 48-60 mos = .38%	
ESCALATION COST INCREASE (Total of Estimated Costs x Escalatio	on %)	\$2,377,263
TOTAL ESTIMATED PROJECT COSTS (Estimated Costs + Escalation	n Cost Increase)	\$31,653,89
APPROVED BY:	TITLE: Director of Campus Operations	DATE
UNC Asheville		

# STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE ROPOSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJECT

Form OC-25 (Rev 12/10/14)

PROPOSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJECT BIENNIUM 2013 - 2015

**DEFINITIONS OR EXPLANATIONS** 

(Items not listed below are presumed to be self-explanatory. Questions may be directed to the State Construction Office.)

Item on Form	Definition/Explanation
CURRENT ESTIMATED CONSTRUCTION COST	Attach basis and justification for estimate. Include description, quantities, units, special
A. Land Requirement	Includes purchase and acquisition costs (title search, filing fees, other legal fees, etc.)
B. 1. Demolition	Includes but may not be limited to lead and/or asbestos testing and removal, building or interior space demolition in whole or part.
B. 2. Site Work	Includes but may not be limited to grading, excavating, poor soils and/or rock removal, utilities relocation, roads, walks, parking, streambank repairs, stormwater management, retaining walls, rainwater harvesting systems, landscaping.
C. 1. Utility Services	Attach explanation of any special building, mechanical, or electrical service requirements with appropriate distance to existing buildings, water, gas, electrical or other utility service.
C. 9. Associated Construction Costs	Includes but may not be limited to construction fire alarm testing, utility shut downs, utilities, signage, security, displaced parking, staging, lock cores, keys, State Construction Office charges.
C. 10. Other	List other signficant sources of cost not included elsewhere. Additional lines may be added if needed.
PRECONSTRUCTION COSTS	Includes but may not be limited to land surveys, lead/asbestos surveys, environmental assessments, copying, postage, costs of print advertising, and destructive testing. For CM at Risk, preconstruction costs are consistent with the requirements of the preconstruction services agreement.
CONTINGENCIES	Unanticipated or unforseen conditions including but not limited to design error and omissions, concealed site conditions, utility conflicts, and extended overhead resulting from

weather or other delay.

Ins	stitution: University	ersity of North Carolin	a at Charlotte	Advance Planning Request: X				
Inc	crease in Authorization from	n: \$ to \$		New Capital Project*:				
	oject Title: Sycamore Hall							
Pro	oject Cost: Advanced Plan	nning Request of \$420.	,000 (Total Project Cost \$4,	200,000)				
So	urce of Funds: Carry Forw	ard and Facilities & A	dministrative (F&A) Receip	ts				
	this project has previously thority is carried. Code		authority, please identify co	ode/item number under which that				
Fo	r each advance planning <sub>l</sub>	project or capital con	struction project, please p	rovide the following:				
1.	A detailed project descrip	tion and justification:						
	effective to renovate the s space is needed on campu repurposing into office sp selective repairs such as a	tructure as a residence is for administrative fu ace makes fiscal sense new roof and general ent of the mechanical,	hall and a subsequent secton ctions, it was determined to the control of the cont	ed in 2012 indicated that it is not cost or study slated it for demolition. As that a less costly renovation and stable and would benefit from continued long term use. The project vices. The project will also bring the				
2.	An estimate of acquisition (a completed OC-25 form		e development, construction	, contingency and other related costs				
	Attached							
3.	An estimated schedule of cash flow requirements over the life of the project by FY quarters (Answer for capital construction only):							
	N/A							
4.	An estimated schedule for	the completion of the	project:					
	Design Start	1/1/2016	Construction Start	6/1/2016				
	•	11/1/2016	Occupy	1/1/2017				
5.	An estimate of maintenance and operating costs and source of funding to support these costs, including personnel covering the first five years of operation (Answer for capital construction only):							
	Fiscal Year 2017	\$429,833	Fiscal Year 2020	\$ 150,315				
	Fiscal Year 2018	\$150,315	Fiscal Year 2021	\$ 150,315				
	Fiscal Year 2019	\$150,315						
6.	An estimate of revenues, (Answer for capital constr		ved from the project, coveri	ing the first five years of operation				
	N/A							
7.	An explanation of the mea	ans of financing:						

Carry Forward and Facilities & Administrative (F&A) Receipts

#### STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE

Form OC-25 (Rev 05/12)

#### PROPOSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJECT BIENNIUM 2013 - 2015

(Definitions/explanations are provided on pg 2 to assist in completion of this form.)

DEP.	ARTMENT and DIVISION:	UNC Charlotte					DATE:	10/26/15
PRO	JECT IDENTIFICATION:	Sycamore Hall Re	novation				-	
	JECT CITY or LOCATION:	Charlotte, NC						
renova costly weath	JECT DESCRIPTION & JUSTIFICA ate the structure as a residence hall and a su renovation and repurposing into office space erproofing to support continued long term use rent code and ADA compliance.	bsequent sector study slate makes fiscal sense. The er	d it for demolition. nvelope is relative	As space is neede by stable and would	ed on campus I benefit from s	for administra selective repa	ative functions, it airs such as a ne	was determined that a less w roof and general
CHR	RENT ESTIMATED CONSTRUCTION	NI COST		QTY	UNIT	COST	PER UNIT	TOTAL
A.	Land Requirement	714 0001		4.1		000.	LICOLLI	\$0
B.	Site Preparation				<u> </u>			
	1. Demolition							\$0
	2. Site Work							\$0
C.	Construction			_			•	
	<ol> <li>Utility Services</li> </ol>							\$0
	Building Construction (new sp							\$0
	3. Building Construction (existin	g)		22,104.11		\$	55.42	\$1,225,010
	4. Plumbing (new space)			22,104.11 22,104.11		\$	20.00 25.00	\$442,082
	<ul><li>5. HVAC (new space)</li><li>6. Electrical (Includes TV &amp; Rad</li></ul>	lia Ctudia)		22,104.11		\$	20.00	\$552,603 \$442,082
	7. Fire Supression and Alarm S			22,104.11	31	Ψ	20.00	\$0
	8. Telephone, Data, Video	ystems		22,104.11	SF	\$	15.00	\$331,562
	Associated Construction Cos	ts		,				\$0
	10. Other: Project	Support		1	LS	\$	15,001.00	\$15,001
D.	Equipment					•	•	
	1. Fixed			22,104.11		\$	10.00	\$221,041
	2. Moveable	_		22,104.11	SF	\$	17.00	\$375,770
	IMATED CONSTRUCTION COSTS below may be calculated by percentage o		sum mako ontr	v in ¢ fiold			Ĺ	\$3,605,151
Items	below may be calculated by percentage of	i lump sum. II using lump	Sum, make em	y iii ş neiu.				
DES	IGN FEE	10 %	(% of Estimate	ed Construction C	Costs)			\$360,515
	CONSTRUCTION COSTS			ed Construction C			)	\$0
	MISSIONING			1.0% moderate;	\$54,077			
	CIAL INSPECTIONS/MATERIALS		(1.25% estima					\$0
SUS	TAINABILITY			ld, 2% LEED Silv				\$0
ADV.	ANCE PLANNING	0 %		amming, feasibilied Construction C				\$0
CON	ITINGENCIES	5 %	(% of Estimate	ed Construction C	Costs [3% Ne	w <b>or</b> 5% R8	&R])	\$180,258
	IMATED COSTS (% of Estimated slation = percent per month multiplied	Construction Costs + Co	ntingencies + De	esign Fee)				\$4,200,000
(Fron	n Est. Date to mid-point of construction al Bldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24	1) =	.16%; 48-60 mos	<b>-</b>		0 % per m	onth	
	Bldgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-1				.36%; 48-60 mo	os = .38%	r	# A
	ALATION COST INCREASE (Total of		on Costs x <b>Esc</b>	alation %)			<u> </u>	\$0
TOT	AL ESTIMATED PROJECT COST	S (Estimated Constructi	on Costs + Escala	ation Cost Increase	e)			\$4,200,000

Institution:	East Carolina University	Advance Planning Request: X  New Capital Project*:
Increase in Authoriza	ation from: \$100,000 to \$600,000	
Project Title:	The Galley Renovation and Expansion	
Project Cost:	\$600,000	
Source of Funds:	Dining Services Receipts	

#### For each advance planning project or capital construction project, please provide the following:

1. A detailed project description and justification:

The initial Advance Planning study identified a project design that improves efficiency of existing operations, creates additional seating area by enlarging the interior space out to the existing building roof overhang, renovates the facility interior to increase serving options and seating and renovates adjacent site/landscape to add outdoor seating.

This increase in authority will allow design to proceed through construction documents and facilitate development of a detailed cost estimate. If approved the total Advance Planning Authority for the project would increase by \$500,000 from \$100,000 to \$600,000.

2. An estimate of acquisition, planning, design, site development, construction, contingency and other related costs (a completed OC-25 form):

Attached

- 3. An estimated schedule of cash flow requirements over the life of the project by FY quarters (Answer for capital construction only):
- 4. An estimated schedule for the completion of the project:

Activity	Start	Complete
Design	Nov-15	Aug-16
Bid	Sep-16	
Award & Contracts	Oct-16	Oct-16
Submittals & Material Procurement	Nov-16	Feb-17
Construction	Mar-17	Aug-17

- 5. An estimate of maintenance and operating costs and source of funding to support these costs, including personnel, covering the first five years of operation (Answer for capital construction only):
- 6. An estimate of revenues, if any, likely to be derived from the project, covering the first five years of operation (Answer for capital construction only):
- 7. An explanation of the means of financing:

**Dining Services Receipts** 

<sup>\*</sup>If this project has previously had advance planning authority, please identify code/item number under which that authority is carried. Code <u>41436</u> Item <u>305</u>



# North Carolina Department of Administration

Pat McCrory, Governor Bill Daughtridge, Jr. Secretary State Construction Office

September 16th, 2015

OC-25: 20156050089

**Proposed Capital Improvement Project** 

Biennium: 2013-2015

**STATE DEPARTMENT:** Educational Institutions (Universities)

**INSTITUTION OR AGENCY:** East Carolina University

**PROJECT IDENTIFICATION:** The Galley Renovation and Expansion

PROJECT TYPE: Building Addition
CLASSIFICATION: Major Renovations

**PROJECT DESCRIPTION AND JUSTIFICATION:** 2015-17 Biennium The project consists of renovating and expanding "The Galley", a casual dining area located in Jones Residence Hall. The project is currently being planned to be built in a single phase, which will include enlarging the interior space out to the existing building roof overhang, renovating the interior to increase serving options and seating, and adjust adjacent site/landscape to add outdoor seating. The area affected by this project is approximately 15,000 sf of renovated (13,075 sf) and additional (1,925 sf) programmatic space.

#### SUPPORTING DOCUMENTATION OF DETAILED BREAKDOWNS:

ITEM	QTY	UNIT	<b>COST PER UNIT</b>	TOTAL
1. Site Demolition	15,000.0	Square Feet	\$8	\$120,000
2. Site Work	12,500.0	Square Feet	\$76	\$950,000
2. Building Construction (new space)	1,925.0	Square Feet	\$262	\$504,350
3. Building Construction (existing)	13,075.0	Square Feet	\$159	\$2,078,925
4. Plumbing (new space)	15,000.0	Square Feet	\$5	\$75,000
5. HVAC (new space)	15,000.0	Square Feet	\$13	\$195,000
6. Electrical (Includes TV & Radio Studio)	15,000.0	Square Feet	\$20	\$300,000
7. Fire Suppression and Alarm Systems	15,000.0	Square Feet	\$2	\$30,000
9. Associated Construction Costs	1.0	Lump Sum	\$9,500	\$9,500
10. Other	1.0	Lump Sum	\$55,835	\$55,835
2. Moveable	15,000.0	Square Feet	\$63	\$945,000

#### **ESTIMATED CONSTRUCTION COST:**

\$5,263,610

**DESIGN FEE** 10.0% (% of Estimated Construction Costs) \$526,361

PRECONSTRUCTION COSTS 0% (% of Estimated Construction Costs [1% for CM@Risk])

\$0

Mailing Address: 1307 Mail Service Center Raleigh, NC 27699-1307 **Telephone** (919)807-4100 Fax (919)807-4110 State Courier #56-02-01

301 N. Wilmington St. Suite 450 Raleigh, North Carolina 27601

COMMISSIONING FEE	0%	(0.5% simple, 1% moderate, 1.5% complex)	\$0
SPECIAL INSPECTIONS/MATERIALS	0.5%	(1.25% Estimated)	\$26,318
SUSTAINABILITY	0%	(3% LEED Gold, 2% LEED Silver)	\$0
ADVANCE PLANNING	0%	(% of Estimated Costs - includes programming, feasibility, analysis) \$	\$0
CONTINGENCIES	5%	(% of Estimated Costs [3% New or 5% R&R])	\$263,180

**ESTIMATED COSTS** (Estimated Construction Costs + Design Fee + Preconstruction + Commissioning + Special + Sustainability + Advance Planning + Contingencies) \$6,079,469

Escalation % = percent per month multiplied by the number of months: (From Est, Date to mid-point of construction) = 21 months @ 0.00

ESCALATION COST INCREASE = (Total of Estimated Construction Costs x Escalation %)

Victo Stepl-

\$51,067

**TOTAL ESTIMATED PROJECT COSTS** (Estimated Construction Costs + Escalation Cost increase)

\$6,131,000

DATE RECEIVED: 09/16/2015	APPROVED BY:	DATE APPROVED:				
CERTIFICATION						
The State Construction Office in accordance with GS 143-341(3) certifies the feasibility of this Statement of Need						
pursuant to GS 143-6						

Date:

### COMMENTS:

DATE	AUTHOR	COMMENT
1. 9/16/2015 3:10:24 PM	Interscope (System)	Cost Estimate updated on Sep 16 2015 3:10PM by fieldsjo
2. 9/16/2015 3:10:23 PM	Interscope (System)	Workflow Step 2 - SUBMIT - Status is: Submitted on Sep 16 2015 3:10PM by fieldsjo
3. 9/16/2015 3:10:23 PM	Interscope (System)	Cost Estimate updated on Sep 16 2015 3:10PM by fieldsjo
4. 9/10/2015 3:07:35 PM	Michael W Talton (nucanoe)	Save
5. 9/10/2015 3:07:22 PM	Michael W Talton (nucanoe)	Save
6. 9/10/2015 12:48:45 PM	JOHN FIELDS (fieldsjo)	Project will be completed during the 15-17 Biennium. OC-25 indicates 13-15 Biennium. Not sure if this is a problem but am submitting for review to SCO.
7. 9/10/2015 12:13:29 PM	Interscope (System)	Cost Estimate updated on Sep 10 2015 12:13PM by fieldsjo
8. 9/10/2015 12:13:29 PM	Interscope (System)	Workflow Step 3 - APPROVE - Status is: Rejected on Sep 10 2015 12:13PM by fieldsjo
9. 9/10/2015 12:03:11 PM	Interscope (System)	Cost Estimate updated on Sep 10 2015 12:03PM

10. 9/10/2015 12:03:10 PM	Interscope (System)	by fieldsjo Workflow Step 2 - SUBMIT - Status is: Submitted on Sep 10 2015 12:03PM by fieldsjo
11. 9/10/2015 12:03:10 PM	Interscope (System)	Cost Estimate updated on Sep 10 2015 12:03PM by fieldsjo
12. 9/10/2015 11:52:11 AM	JOHN FIELDS (fieldsjo)	Save
13. 8/24/2015 12:48:22 PM	JOHN FIELDS (fieldsjo)	Save
14. 7/30/2015 11:26:13 AM	Michael W Talton (nucanoe)	Save
15. 7/24/2015 9:41:00 AM	Michael W Talton (nucanoe)	Save
16. 7/24/2015 9:32:16 AM	Michael W Talton (nucanoe)	Save
17. 7/23/2015 4:01:28 PM	Michael W Talton (nucanoe)	Save
18. 7/23/2015 3:50:52 PM	Michael W Talton (nucanoe)	Save
19. 7/23/2015 3:37:23 PM	Michael W Talton (nucanoe)	Save
20. 7/23/2015 3:32:58 PM	Michael W Talton (nucanoe)	Save
21. 7/23/2015 3:14:30 PM	Michael W Talton (nucanoe)	Save
22. 7/23/2015 2:38:25 PM	Michael W Talton (nucanoe)	Save
23. 7/23/2015 2:29:06 PM	Michael W Talton (nucanoe)	Save
24. 7/22/2015 4:59:57 PM	Michael W Talton (nucanoe)	Save
25. 7/22/2015 4:14:37 PM	Michael W Talton (nucanoe)	Create

Inst	itution:	UNC Asheville	Advance Planning Request: X
		athorization from: \$50,000 to \$235,000 Highsmith University Union Renovation	New Capital Project*:
Pro	ject Cost:	Advanced Planning Cost \$235,000, estimate	ed Total Project Cost \$11,643,271.
	rce of Funder		Student Activity Fee Reserves, Total Project Debt financed,
		t has previously had advance planning auth rried. Code 41427 Item 303	ority, please identify code/item number under which that
For	each adv	ance planning project or capital construc	tion project, please provide the following:
1.	A detailed	I project description and justification:	
add buil or 5 kitc will stud buil real	ition betwood dings, esso to for lect hen and cate also redes dent collabilities with location w	een the existing Highsmith University Union entially "bridging" the two facilities. The natures, will include a pre-function area and statering operations as well as a connection to sign and reallocate existing space within Higher oration, engagement and community. Study a more open design to allow for both structifill especially allow for the student art gallers the student union. Administrative offices we	large (approximately 6,000sf) multi-purpose room as an and Brown Hall (which serves as the Dining Hall) multi-purpose room will be able to seat 375 for banquets orage, and will provide direct access to Brown Hall for Highsmith that has other meeting spaces. The project ghsmith that will focus on centralizing and promoting ent organizational areas will be brought to the front of the ared meeting space as well as fluid gatherings. This by and the Intercultural Center to be relocated front and ill be relocated to areas within the building that are less
2.		ate of acquisition, planning, design, site deveted OC-25 form)	elopment, construction, contingency and other related costs
	Please see	e attached OC-25	
3.	An estima		or the life of the project by FY quarters (Answer for capital
	Cash flow	requirements will be developed as part of	the advanced planning study.
4.	An estima	ated schedule for the completion of the proje	ect:
		I planning will begin immediately upon BO ect has a desired completion date of 8/1/18.	G approval and is estimated to be completed by 8/8/16, the

5. An estimate of maintenance and operating costs and source of funding to support these costs, including personnel,

covering the first five years of operation (Answer for capital construction only):

Maintenance and operating cost will be developed as part of the advanced planning study.

Revised 5-14-2014

## STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE

Form OC-25 (Rev 12/10/14)

\$232,487

PROPOSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJECT BIENNIUM 2013 - 2015

DEPARTMENT and DIVISION:	<b>UNC</b> Asheville				DATE:	11/17/15
PROJECT IDENTIFICATION:	Highsmith Universit	ty Union Ren	ovation			
PROJECT CITY or LOCATION:	Asheville, NC					
PROJECT DESCRIPTION & JUSTIFICAT	ION: This project will in	nclude the de	sign and constru	ction of a lar	ge (approximately 6,00	00sf) multi-purpose
room as an addition between the existing h	Highsmith University Un	nion and Brov	vn Hall (which se	erves as the	Dining Hall) buildings,	essentially "bridging"
the two facilities. The multi-purpose room	will be able to seat 375	for banquets	or 500 for lectur	res, will inclu	ide a pre-function area	and storage, and will
provide direct access to Brown Hall for kito	hen and catering opera	ations as well	as a connection	to Highsmit	h that has other meetir	ig spaces. The project
will also redesign and reallocate existing s	pace within Highsmith	that will focus	on centralizing	and promotir	ng student collaboration	n, engagement and
community. Student organizational areas	will be brought to the fr	ont of the bui	lding with a more	e open desig	n to allow for both stru	ctured meeting space
as well as fluid gatherings. This reallocation	on will especially allow	for the studer	nt art gallery and	the Intercult	ural Center to be reloc	ated front and center
within the student union. Administrative of	fices will be relocated t	o areas within	n the building tha	nt are less ut	ilized by students.	
16 To 11 S Sec. 1			. 1.602 . in x121			
(Definitions/explanations are provided on pg 2		this form.)		adig -		
CURRENT ESTIMATED CONSTRUCTION	N COST		QTY	UNIT	COST PER UNIT	TOTAL
A. Land Requirement			an Project	esal or here.	Most Interture	\$(
B. Site Preparation						
<ol><li>Demolition: Multipurpose Ro</li></ol>			10,491	sf	\$8.78	
<ol><li>Demolition: Pinnacle Office S</li></ol>			1,507	sf	\$18.53	\$27,92
<ol><li>Demolition: Student Life Area</li></ol>	le by give i		15,426	sf	\$20.42	\$314,999
<ol><li>Site Work: Multipurpose Room</li></ol>	1		10,491	sf	\$66.71	\$699,85
3. Abatement			1 12			\$0
C. Construction						
Utility Services						\$(
<ol><li>Building Construction (new spanning)</li></ol>			13,586	sf	\$189.74	\$2,577,80
<ol><li>Building Construction (existing)</li></ol>		e	1,507	sf	\$149.96	\$225,990
3b. Building Construction (existing	g) Student Life Area		15,426	sf	\$154.13	\$2,377,609
<ol><li>Plumbing (new space)</li></ol>			12,086	sf	\$10.72	\$129,562
<ol><li>HVAC (new space)</li></ol>			12,086	sf	\$59.46	\$718,634
6. Electrical (Includes TV & Radi	•		12,086	sf	\$24.36	\$294,418
7. Fire Supression and Alarm Sy	stems		12,086	sf	\$9.79	\$118,322
8. Telephone, Data, Video			12,086	sf	\$1.85	\$22,359
9. Food Service Equipment			12,086	sf	\$12.41	\$149,987
ESTIMATED CONSTRUCTION COSTS						\$7,749,57
Some items below may be calculated by percenta	ge or lump sum. If using	lump sum, mak	e entry in \$ field.			
OWNER COSTS						0010.000
DESIGN FEE		(% of Estimate	ed Construction Co	osts)		\$619,966
PROJECT MANAGEMENT	3.5 %					\$271,235
LEGAL FEES						\$(
PSNC ENERGY GAS FEE	E. Ser Ser Annaber op Construction of the Cons					\$(
CITY WATER FEE						\$(
PRECONSTRUCTION COSTS			porary facilities)			\$309,983
COMMISSIONING			1.0% moderate; 1		)	\$116,244
SPECIAL INSPECTIONS/MATERIALS	1.5 %	(% of Estimate	ed Construction Co	osts)	,	\$116,244
GEOTECHNICAL SURVEY						\$50,000
HVAC TEST & BALANCE					7.	\$50,000
SITE & WATER LINE SURVEY						\$58,796
FURNITURE, FIXTURES, EQPMT	\$12.50	(per square fo	ot) Multipurpose F	Room		\$169,82
IT EQUIPMENT	\$9.75		ot) Multipurpose F			\$132,464
MOVING	3 %		ed Construction Co		,	\$232,487
FCAP DEFICIENCIES		includes desg		•		\$527,326
	SUSTAINABILITY 0 % (3% LEED Gold, 2% LEED Silver)				\$(	

Includes programming, feasibility, analysis

3 % (% of Estimated Construction Costs)

ADVANCE PLANNING