<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.

NCSU – Patterson Hall Business Center Renovation: 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</u> – Irwin Belk Track Resurfacing: 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 – Highsmith University Union Renovation</u>: 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.

	to the same of	Request 1	The University of North for New or Increase in Capit	
Iı	astitution:	Appalachia	n State University	Advance Planning Request: New Capital Project*:
Ir P	ncrease in Authoriz roject Title: Steam	ation from: \$_ Plant Vault Ut	to \$ito \$	
P:	roject Cost: <u>\$2,750</u>	,000	,	
S	ource of Funds: Ste	am Trust Fund	Receipts	
	If this project has protect has protect. (se identify code/item number under which that
F	or each advance pl	anning projec	t or capital construction proje	ect, please provide the following:
1.	Steam Plant to th	e utility vault. (tion (flooding),	Eurrent access to utility vault is	nstruct a new 110' walkable utility tunnel from the hazardous for personnel. During a recent ch resulted in considerable mechanical
2.			ing, design, site development, only and include a completed (construction, contingency and other related costs OC-25 form)
	Design:	\$2 26,917		
	Construction:	\$2,269,170		
	Contingency:	\$113,459		
	Other:	\$140,454	,	
3.	An estimated sche construction only)		ow requirements over the life or	f the project by FY quarters (Answer for capital
	4th Qtr 15-16: \$20),000;	1st Qtr 16-17: \$50,000;	2 nd Qtr 16-17: \$50,000;
	3rd Qtr 16-17: \$75	50,000;	4th Qtr 16-17: \$750,000	1st Qtr 17-18: \$1,000,000
	2 nd Qtr 17-18: \$50	0,000	3rd Qtr 17-18: \$80,000	
4.	An estimated sche	dule for the cor	npletion of the project: Jan 201	16 – Mar2018
	Design:	Jan 2016 -	Mar 2017	
	Construction:	May 2017	Oct 2017	
5.			perating costs and source of fureration (Answer for capital cons	nding to support these costs, including personnel, struction only):
	N/A			
	An estimate of reve (Answer for capita			ject, covering the first five years of operation
	N/A			

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

STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE DEPARTMENT DEPORTS STATE CONSTRUCTION OF CAROLINA MADDOVEMENT BROLE

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:	Appalachian St	ate University				DATE:	10/08/15
PROJECT (DENTIFICATION:							
PROJECT CITY or LOCATION:	Boone, NC						,
PROJECT DESCRIPTION & JUSTIFICATION	DN: (Attach add¹ data	as necessary to in	ndicate need, size, fu	netion of Impre	ovements as	well as a master pl	an.)
Construct a 110' walkable utility tunnel from	the central steam	plant to the co	ndensate vault.	Current acc	cess to val	ilt is unsafe & s	terting to fall,
CURRENT ESTIMATED CONSTRUCTION	COST		OTY	UNIT	COS	LPER UNIT	TOTAL
A. Land Requirement							\$0
B. Site Preparation				سسسب			
1. Demolition	•		2200		\$	250.00	\$550,000
2. Site Work			2200	U ST	\$	250.00	\$550,000
C. Construction				.1			
1. Utility Services			150		\$	1,000.00	\$150,000
Building Construction (new space)	(6)		110		\$	15,000.00	\$500,000
Building Construction (existing)			500	ST	\$	200.00	\$100,000
4. Plumbing (new space) 5. HVAC (new space)			_nur_(ts	 			\$0 \$0
 HVAC (new space) Electrical (Includes TV & Radio 8 	Physical		110	N re	\$	2,450,00	\$269,500
7. Fire Supression and Alarm Syste			110	/] {r	- "	£,900,000	\$0
Telephone, Data, Video	OTITO		110	114	- s	1,000.00	\$110,000
9. Associated Construction Costs				ea	\$	39,670.00	\$39,670
10. Other:				7.5	4		\$0
D. Equipment		_			-1		
1. Fixed					\$	-[\$0
2. Moveable						111	\$0
ESTIMATED CONSTRUCTION COSTS			(, , , , , ,	. ,	,		\$2,269,170
Items below may be calculated by percentage or lum	p sum. If using lump	sum, make entry	in \$ field,				
DESIGN FEE			ed Construction Co			Γ.	\$226,917
PRECONSTRUCTION COSTS	1 %	(% of Estimate	ed Construction Co	sts [1% for (CM@Risk])	Γ	\$22,692
COMMISSIONING	 %	(0.5% simple;	1.0% moderate; 1.	.5% complex	()	F.	\$0
SPECIAL INSPECTIONS/MATERIALS	1.25 %	(1,25% estima	ted)			[\$28,365
SUSTAINABILITY	 %	(3% LEED Go	ld, 2% LEED Silve	r)			\$0
			amming, feasibility				
ADVANCE PLANNING	<u></u> %	(% of Estimate	d Construction Co	sta)			\$0
CONTINGENCIES	5 %	(% of Estimate	d Construction Cos	ets [3% New	or 5% R&F	g) [\$113,459
er ments	***************************************						
ESTIMATED COSTS (% of Estimated Const		tingencies + Des	sign Fee)			<u></u>	\$2,660,602
Escalation = percent per month multiplied by nu	imber of months						
(From Est. Date to mld-point of construction) =		28	months	0.12	% per mo	nth	
General Bldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 mo	s = .12%; 36-47 mos =	.16%; 48-80 mos =	.18%				
The Mark Division of the second of the secon	0004 40 90	1004 ALDO	anor no 17 00	Net . 40.00	0.007		
Health Bldgs; 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 mos	•	-		196; 46-69 mos	= .38%	<u></u>	enn 202
ESCALATION COST INCREASE (Total of Esti	mated Construction	i Costs X Esca i	auon %)			<u> </u>	\$89,396
TOTAL ESTIMATED PROJECT COSTS	Estimated Constructio	n Costs + Escalatío	on Cost Increase)		-		\$2,749,998
APPROVED BY: Sandom & On	ث		TITLE Vice Cha	ancellor H	00	DAT.	E /0/21/15
(Geverning Board or Agency Ho	ead)	 ,	IIIIE Vice Che Busines	s Affair	S	, 	
STATE OF NORTH	CAROLINA - DE						Form OC-26

The University of North Carolina Request for New or Increase in Capital Improvement Project

Institution:	East Carolina University	Advance Planning Request:
		New Capital Project*: X
Increase in Au	thorization from: \$ to \$	
Project Title:	Transit Facility Improvements (to accommodat	e fuel conversion to compressed natural gas (CNG)
Project Cost:	\$495,784	
Source of Fund	ds: Transit receipts	
	has previously had advance planning authority, pried. Code Item	lease identify code/item number under which that

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

Transit Site and Facility Improvements (to accommodate fuel conversion to compressed natural gas (CNG)

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

PROJECT DESCRIPTION & JUSTIFICATION: (Attach add'l data as necessary to indicate need, size, function of improvements as well as a master plan.)

East Carolina University

Greenville, NC

(Governing Board or Agency Head)

DEPARTMENT and DIVISION:

PROJECT IDENTIFICATION: PROJECT CITY or LOCATION: Form OC-25

DATE: 09/10/15

(Rev 09/14)

in ex more insta fired other	Transit is strategically planning to convert their tisting facilities at the site. CNG fueled vehicles to operationally efficient to run. The present cost llation of a sprinkler system, direct connect exhaust heaters, additional exhaust fans, additional electrochanges and additional site paving. With these ght into compliance with all safety regulations f	ter of aus tric	nd to experience CNG is about system, add cal changes anges and the	ence less wear ut half of dies dition of a ga- in support of the strategic ch	and tear of sel fuel. Spess detection these change	n parts, ecific ch system ges, site	have cleane langes requi installation utility chan	r emission red inclused flow in of low in ges, misc	ons and are de atensity gas rellaneous
	itions/explanations are provided on pg 2 to assist in completic	on o	f this form.)		T	I			× + 1 · ·
	RENT ESTIMATED CONSTRUCTION COST			QTY	UNIT	COST	PER UNIT		OTAL
A.	Land Requirement							\$	-
B.	Site Preparation 1. Demolition				1	\$		\$	
	2. Site Work			1	LS	\$	220,000		220,000
C.	Construction				LJ	Ψ	220,000	Ψ	220,000
0.	Utility Services			1	LS	1		\$	45,000
	Building Construction (new space)			'	LJ			\$	43,000
	Building Construction (existing)							\$	
	4. Plumbing (new space)							\$	
	5. HVAC (reno)			5600	sqft	\$	17	\$	95,200
	6. Electrical (Includes TV & Radio Studio)			5600	sqft	\$	7	\$	39,200
	7. Fire Supression and Alarm Systems			5600	sqft	\$	5	\$	28,000
	8. Telephone, Data, Video							\$	
	Associated Construction Costs							\$	-
	10. Other:		_					\$	-
D.	Equipment								
	1. Fixed							\$	-
FOTI	2. Moveable							\$	407.400
	MATED CONSTRUCTION COSTS							\$	427,400
Items	below may be calculated by percentage or lump sum. If using lu	ımp	sum, make entr	y in \$ field.					
DECI	GN FEE 10	%	/0/ -f [-1!1	ed Construction C	\4-\			\$	42,740
						M@Diak1	\	\$	42,740
			(% of Estimated Construction Costs [1% for CM@Risk]) (0.5% simple; 1.0% moderate; 1.5% complex) \$						
			(1.25% estima		1.5% complex	.)		\$	4,274
	FAINABILITY			ateu) old, 2% LEED Silv	or)			\$	4,214
303	Alivabiliti	•						Ψ	
ADVA	ANCE PLANNING	%		ramming, feasibili ed Construction C				\$	-
CON	TINGENCIES 5	%	(% of Estimate	ed Construction C	Costs [3% Nev	or 5% R	&R])	\$	21,370
ESTI	MATED COSTS (% of Estimated Construction Costs +	Со	ntingencies + D	esign Fee)				\$	495,784
Escal	ation = percent per month multiplied by number of month	S							
	Est. Date to mid-point of construction) = Il Bldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 mos = .12%; 36-47 mo	S = .	11 16%; 48-60 mos =	_	0	% per m	onth		
	•				/0/ 40 /°	200/			
	Bldgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 mos = .26%; 18-23 mos			33%; 36-47 mos = .30	6%; 48-60 mos =	: .38%		ф.	
ESCA	ALATION COST INCREASE (Total of Estimated Costs x	ES	calation %)					\$	-
TOT	AL ESTIMATED PROJECT COSTS (Estimated Costs	+ Es	calation Cost Inc	rease)				\$	495,784
APPF	ROVED BY: John G Fields, PE		Director Faciliti	es Engineering & A	rchitectural Ser	vices		ĺ	DATE: 09-09-15

The University of North Carolina Request for New or Increase in Capital Improvement Project

Ι	nstitution: North Carolina A&T State University Advance Planning Request:
I	ncrease in Authorization from: \$0to
F	Project Title: Sebastian Hall HVAC Upgrade
P	Project Cost: \$350,000
S	ource of Funds: Capital Improvements
*	If this project has previously had advance planning authority, please identify code/item number under which that uthority is carried. Code Item
F	or each advance planning project or capital construction project, please provide the following:
1.	A detailed project description and justification: Sebastian Hall was formerly the Student Health Center. With the construction of the new Student Health Center it is available for a new occupant. Before the new occupant takes possession of the building the HVAC system needs to be upgraded. In 2008 an addition to the building was completed. This addition is heated and cooled by a separate system which is in good condition. The original building is heated and cooled by two steam and chilled water air handling units. These units are located in the basement and serve floor mounted terminal units throughout the building. These AHU's and terminal units were installed in 1972 or 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 previous occupants complained about inadequate and unpredictable temperatures in the building. The units receive chilled water from the Benbow chiller loop and steam from the campus steam system.
2.	An estimate of acquisition, planning, design, site development, construction, contingency and other related costs (a completed OC-25 form): An OC-25 form is attached
3.	An estimated schedule of cash flow requirements over the life of the project by FY quarters (Answer for capital construction only): August 2015 thru July of 2016 (2 nd quarter 25%, 3 rd quarter 45%, 4 th quarter 30%).
4.	An estimated schedule for the completion of the project: June of 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): No anticipated increase in operation of the facility. The building is currently being maintained by University personnel.
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): The project will generate no additional revenues.
7.	An explanation of the means of financing: The revenues for this project are from R&R dollars appropriated by the NC legislature.

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

Form OC-25 (Rev 05/12)

 ${\small {\bf BIENNIUM~2013-2015}} \\ ({\small {\bf Definitions/explanations~are~provided~on~pg~2~to~assist~in~completion~of~this~form.})}$

DEPARTMENT and DIVISION:	NC A&T State U	niversity				DATE:	10/12/15
PROJECT IDENTIFICATION:	Sebastian Hall H	VAC Upgrade				-	
PROJECT CITY or LOCATION:	Greensboro, NC						
PROJECT DESCRIPTION & JUSTIFICAT	ION: The existing air	cooled chiller	has been discor	nected in a	previous	project. The air	handling units
were not replaced and are very old. There	have been numerou	is refrigerant le	aks and the coil	surfaces ar	e corrode	ed Parts are unv	ailable due to the age
of the unit. The pneumatic controls system	n does not function, a	and the system	is unreliable. S	ee attached	FCAP re	eport	
CURRENT ESTIMATED CONSTRUCTION	N COST		QTY	UNIT		T PER UNIT	TOTAL
A. Land Requirement							\$0
B. Site Preparation							
 Demolition Site Work 			1	LS	\$	18,500.00	\$18,500
C. Construction							\$0
				r			
 Utility Services Building Construction (new spa 	\						\$0
				1 2			\$0
Building Construction (existing Diumbing (new areas))		9327	Ft ²	\$	5.00	\$46,635
 Plumbing (new space) HVAC (new air handling units) 			ļ		 		\$0
	04 11 3			LS	\$	47,500.00	\$95,000
 Electrical (Includes TV & Radio Fire Supression and Alarm Sys 			9327	Ft ²	\$	8.00	\$74,616
 Fire Supression and Alarm Sys Telephone, Data, Video 	stems						\$0
Associated Construction Costs					L		\$0
				l_ 2	1	_	\$46,635
10. Other: HVAC Co	ontrois	_	9327	Ft [*]	\$	3.50	\$32,645
1. Fixed							
Moveable							\$0
ESTIMATED CONSTRUCTION COSTS					<u> </u>		\$0
Items below may be calculated by percentage or lu	mn sum If using lump	cum maka anta	in & field				\$314,031
or in	mp sum: ir using rump	sum, make entry	III ş lielü.				
DESIGN FEE	10 %	(% of Estimate	d Construction Co	nete)		_	\$31,403
PRECONSTRUCTION COSTS -			d Construction Co		M@Rick1	, –	\$0
COMMISSIONING	%	(0.5% simple: 1	1.0% moderate; 1.	5% compley)	ivi@rtiskj	′ ⊢	\$0
SPECIAL INSPECTIONS/MATERIALS	1.25 %	(1.25% estimat	ed)	.o 70 complex)	!		\$3,925.38
SUSTAINABILITY -			d, 2% LEED Silve	r)		-	ψ3,323.38 \$0
_						H-	φυ
ADVANCE PLANNING	0/2	10% of Estimates	amming, feasibility d Construction Co	, analysis			20
00.000.00.00.000.0000.0000.0000.0000.0000							\$0
CONTINGENCIES -	5 %	(% of Estimated	d Construction Co	sts [3% New	or 5% R8	kR])	\$15,702
ESTIMATED COSTS (% of Estimated Co.	nstruction Costs + Con	tingencies + Dos	ian Foo)				\$240.250
Escalation = percent per month multiplied by	number of months	ungendies - Des	ngii i ee)				\$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 n		6%: 48-60 mos = 1			70 per mi	onui	
Health Bldgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 mo				6: 48-60 mas =	390/		
ESCALATION COST INCREASE (Total of E	stimated Construction	Costs x Escal	ation %)	0, 40-00 11103 -	.50 /0		\$0
TOTAL ESTIMATED PROJECT COSTS	(Estimated Construction	n Costs + Escalatio	on Cost Increase)				\$349,359
ADDDOVED DV							40.000
APPROVED BY:	11. A	_ 1	TITLE		-	DAT	<u> </u>
(Governing Board or Agency) A DTM = 1 = -:					
STATE OF NOR	TH CAROLINA - DEF	PARIMENI OF	- ADMINISTRA	HON			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:	<u>1</u>	Fund:	1	Priority:	1
	1 – Original 2 – Revised 3 – Resolved		1 – General Fu 2 – Receipts	nd	0 – Now 1 – Year 2 – Years 3 – Years 4 – Years
					5 – Years
		Masterformat (Classification —		
Division:					
Subdivisio	on:				
[Item]					
		Original As	sessment ——		
Cost Estim	nate: \$425,000	Date: 2007-	01-01	Assessor: scofe	сар
BEEN PATO CONVECTO CONTROLS INSTALLED SMOKE CO AND ARE C PLUMBING SYSTEM FO	CHED AND THE CO CHED AND THE CO CRS AND AIR HAND S SYSTEM DOES NO CONTROL IN EVENT O COBSOLETE, SUCH T PIPES ARE DETER OR FIRE PROTECTI		ST. NUMEROU	JS REFRIGERANT RROSION. THE HO ONDITION, AND TH AIR HANDLING UN NOT PROVIDE AP ES ARE OLD AND D IFFICULT TO ORTA	LEAKS HAVE DT WATER HE NITS ARE PPROPRIATE DAMAGED,
		Correct	tion ———		
INCLUDING	NEW CENTRAL HV THE CHILLER. REF IKLER SYSTEM.	AC SYSTEM TO REPIPLACE THE PLUMBIN	LACE THE DETE IG FIXTURES AN	RIORATED EQUIPI ID PIPING. PROVIL	MENT, DE A NEW
		Revised Ass	essment ——		
Cost Estima	ate:	Date:		Assessor:	

The University of North Carolina Request for New or Increase in Capital Improvement Project

Institution:	North Carolina Central University	Advance Planning Request:
	authorization from: \$ to \$ Baynes Residence Hall – Phase II Renovations	New Capital Project*: X
Project Cost:	\$3,148,600	
Source of Fu	nds: Student Affairs/Residential Life Fund Balance	
	ct has previously had advance planning authority, please arried. Code	identify code/item number under which that
For each adv	vance planning project or capital construction projec	t, please provide the following:
 A detaile 	ed project description and justification:	
It consists of Showers are heating units hung window hot water in tand updating car stalls, ina 1996, except	ESCRIPTION & JUSTIFICATION: Baynes Residence In 85,320 GSF of space. All Bedrooms are double-occupant located on each floor. The building has an antiquated two in each room. Window Air Conditioning units are located ws. Window units in the 2nd and 3rd floor rooms are heat the corroded two-pipe system. The building's Electrical State to new Electrical Code requirements. The two-car Elevated equate response time and is unreliable. There has not be for the addition of a Fire Suppression System in 2012. The soft the building. The following items represent the area.	cey without private toilets. Group Toilets and oppipe hot water, heating system with radiant and in each room, mounted in un-insulated single ing and cooling units, due to the limited flow of System is outdated and requires modernization tor System is original and suffers from regular een a major renovation of the building since this project will consist of phased renovations to
- Up - Re - Re - Re - Re	erior Repairs to Corridors and Study Rooms ograde Main Electrical Infrastructure novate Electrical Service to Room HVAC Units place Elevators place Window AC Units and Radiators in Rooms with 4- place all Windows, excluding Ground Floor Curtainwall ograde Central HVAC at Corridors, Toilets and Laundry 1	-
	nate of acquisition, planning, design, site development, colleted OC-25 form)	onstruction, contingency and other related costs
Form OC	C-25 is attached.	
	nated schedule of cash flow requirements over the life of tion only):	the project by FY quarters (Answer for capital
3 rd Quarter 2	2015-16 (Winter)	\$ 208,100
4 th Quarter 2	2015-16 (Spring)	\$ 737,000
1 st Quarter 2	2016-17 (Summer)	\$1,282,500
2 nd Quarter 2	016-17 (Fall)	\$ 600,000
3 rd Quarter 20	016-17 (Winter)	\$ 321,000
4. An estim	nated schedule for the completion of the project:	
Board of	Governors' Approval	- December 11, 2015

- December 14, 2015

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	- 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 2016-2017

	<u>Total</u>	<u>Projected</u>	<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>	<u>Projected</u>	<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>Beds</u>	Projected Occupied	Projected Occupancy	2019-2020 Sem Rate	2019-2020 Proj Revenue
RENTABLE	384	376	98%	\$2,402.05	\$1,806,340.77
STAFF	16	16	100%	\$0.00	\$0.00
Totals	400	392	98%		\$1,806,340.77

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

Form OC-25 (Rev 05/12)

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

- Upgrade Central HVAC at Corridors, Toilets and Laundry Rooms					
(Definitions/explanations are provided on pg 2 to assist in completion of this form.)					
CURRENT ESTIMATED CONSTRUCTION COST	QTY	UNIT	COS	T PER UNIT	TOTAL
A. Land Requirement	0				\$0
B. Site Preparation		•		•	
1. Demolition	0				\$0
2. Site Work	0				\$0
C. Construction					
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					
Window Replacement	210	each	\$	860.00	\$180,600
Plumbing (replace existing fixtures)	0				\$0
6. HVAC Upgrade	85320		\$	21.00	\$1,791,720
7. Electrical (Main Electrical Dist. Panels & Bedroom HVAC)	36940		\$	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	0	ı	1		40
1. Fixed	0				\$0
2. Moveable	0				\$0
ESTIMATED CONSTRUCTION COSTS				L	\$2,848,898
Items below may be calculated by percentage or lump sum. If using lump sum, make entry i	n \$ field.				
DESIGN FEE 8 % (% of Estimated	Construction C	osts)			\$227,912
PRECONSTRUCTION COSTS 1 % (% of Estimated	d Construction C	osts [1% for	CM@Ris	k])	\$28,489

COMMISSIONING	.5 % (0.5% simple; 1.0% moderate; 1.5% c	omplex) \$14,244
SPECIAL INSPECTIONS/MATERIALS	1 % (1.25% estimated)	\$28,489
SUSTAINABILITY	% (3% LEED Gold, 2% LEED Silver)	\$0
ADVANCE PLANNING	Includes programming, feasibility, ana % (% of Estimated Construction Costs)	llysis \$0
CONTINGENCIES	5 % (% of Estimated Construction Costs [3	3% New or 5% R&R]) \$142,445
ESTIMATED COSTS (% of Estimated Construction Cost	+ Contingencies + Design Fee)	\$3,148,032
Escalation = percent per month multiplied by number of m	nths	
(From Est. Date to mid-point of construction) =	6 months	0 % per month
General Bldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 mos = .12%; 36-	mos = .16%; 48-60 mos = .18%	
Health Bldgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 mos = .26%; 18-23	nos = .29%; 24-35 mos = .33%; 36-47 mos = .36%; 48-	-60 mos = .38%
ESCALATION COST INCREASE (Total of Estimated Co.	s x Escalation %)	\$0
TOTAL ESTIMATED PROJECT COSTS (Estimated C	sts + Escalation Cost Increase)	\$3,148,032
APPROVED BY:	TITLE	DATE
(Governing Board or Agency Head)		
STATE OF NORTH CAROLI	A - DEPARTMENT OF ADMINISTRATIO	N Form OC-25

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

C. 10. Other

(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.

added if needed.

List other signficant sources of cost not included elsewhere. Additional lines may be

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.

The University of North Carolina Request for New or Increase in Capital Improvement Project

Institution:	NC State Univ	ersity		Advance Planning Request: New Capital Project*: X	
	uthorization from: \$Price Music Center First			New Capital Project.	
Project Cost:	\$400,000				
Source of Fu	nds: University Carry For	ward			
	ct has previously had adva arried. Code It		thority, please ide	entify code/item number under which that	
For each adv	vance planning project or	r capital constru	uction project, p	lease provide the following:	
1. A detaile	d project description and j	ustification:			
	DA requirements, acoustic			loor of Price Music Hall to address life same electrical system. Locker replacement i	
	ate of acquisition, plannin eted OC-25 form)	g, design, site de	evelopment, cons	truction, contingency and other related cos	sts
See attac	hed OC25.				
	ated schedule of cash flow ion only):	requirements o	ver the life of the	project by FY quarters (Answer for capital	al
FY 2 FY 2		\$2,793 \$46,925	<u>Q3</u> \$28,241	<u>Q4</u> \$90,020	
4. An estim	ated schedule for the comp	pletion of the pro	oject:		
	tart: December 15, 2015 tion Start: May 16, 2016		plete: March 31, Complete: Septe		
	ate of maintenance and op the first five years of oper			ng to support these costs, including person ction only):	nel,
N/A					
	ate of revenues, if any, lik for capital construction or		l from the project	, covering the first five years of operation	
No reven	ues will be derived from t	his project.			

7. An explanation of the means of financing:

University Carry Forward funding will finance the design and construction 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)

DATE 10.16.15

DATE: 10/15/15 DEPARTMENT and DIVISION: North Carolina State University Price Music Center First Floor Improvements PROJECT IDENTIFICATION: Raleigh - North Campus Precinct PROJECT CITY or LOCATION: PROJECT DESCRIPTION & JUSTIFICATION: (Attach add'l data as necessary to indicate need, size, function of improvements as well as a master plan.) This project will include minor repairs and improvements to the first floor of Price Music for life safety egress, ADA, acoustical attenuation, and the electrical system. Locker replacement is also included. (Definitions/explanations are provided on pg 2 to assist in completion of this form.) COST PER UNIT CURRENT ESTIMATED CONSTRUCTION COST QTY UNIT TOTAL \$0 Land Requirement A. В. Site Preparation \$0 1. Demolition \$0 2 Site Work C. Construction \$0 1. Utility Services \$0 2. Building Construction (new space) 317,778.00 \$317,778 lump sum 3. Building Construction (existing) \$0 4. Plumbing (existing space) \$0 5. HVAC (existing space) 1 lump sum \$ 25,000.00 \$25,000 6. Electrical (existing space) Fire Supression and Alarm Systems (new & existing space) \$0 \$0 8. Telephone, Data, Video (new & existing space) 1 lump sum 1,600.00 \$1,600 9. Associated Construction Costs 1 lump sum \$ 450.00 \$450 10. Other: staged parking Equipment D. \$0 1. Fixed \$0 2. Moveable \$344,828 **ESTIMATED CONSTRUCTION COSTS** Items below may be calculated by percentage or lump sum. If using lump sum, make entry in \$ field. \$34,483 10 % (% of Estimated Construction Costs) DESIGN FEE \$3,448 1 % (% of Estimated Construction Costs [1% for CM@Risk]) PRECONSTRUCTION COSTS \$0 % (0.5% simple; 1.0% moderate; 1.5% complex) COMMISSIONING \$0 % (1.25% estimated) SPECIAL INSPECTIONS/MATERIALS \$0 SUSTAINABILITY (3% LEED Gold, 2% LEED Silver) Includes programming, feasibility, analysis \$0 ADVANCE PLANNING % (% of Estimated Construction Costs) \$17,241 5 % (% of Estimated Construction Costs [3% New or 5% R&R]) CONTINGENCIES \$400,000 (% of Estimated Construction Costs + Contingencies + Design Fee) ESTIMATED COSTS Escalation = percent per month multiplied by number of months 6 months % per month (From Est. Date to mid-point of construction) = General Bldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 mos = .12%; 36-47 mos = .16%; 48-60 mos = .18% Health 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 mos = .38% \$0 ESCALATION COST INCREASE (Total of Estimated Costs x Escalation %) \$400,000 TOTAL ESTIMATED PROJECT, COSTS (Estimated Costs + Escalation Cost Increase)

TITLE University Architect

APPROVED BY

overning Board or Agency Head)

The University of North Carolina Request for New or Increase in Capital Improvement Project

Advance Planning Request:
New Capital Project*: X
s AP amount of \$220,000)

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

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>	Q3	<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.

^{*}If this project has previously had advance planning authority, please identify code/item number under which that authority is carried. Code_41424_ Item 307

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 Stat	te University		-	_	DATE:	10/08/15	
	JECT IDENTIFICATION:	Patterson Hall	D						_
	JECT CITY or LOCATION:	Raleigh - North Ca							
PRO	JECT DESCRIPTION & JUS	TIFICATION: (Attach add'l data as	necessary to ind	dicate need, size, fu	nction of impro-	vements	as well as a master	plan.)	
condi	ground floor of Patterson Hal tioners and 4-pipe fan coil u	I will be renovated to upgrade to nits which are at the end of the	the HVAC sys	stem. The base ife. The toilet ro	ement is curr coms will also	ently se be up	rved by multiple graded as part o	split system of the project.	air
(Defin	itions/explanations are provided	on pg 2 to assist in completion of	this form.)						
	RENT ESTIMATED CONSTR			QTY	UNIT	COS	T PER UNIT	TOTA	AL
A.	Land Requirement								\$0
B.	Site Preparation							-	
	 Demolition 								\$0
	Site Work				-				\$0
C.	Construction				,				
	 Utility Services 			1	lump sum	\$	100,108.00		\$100,108
	Building Construction								\$0
	Building Construction			12387	gsf	\$	18.15		\$224,824
	Plumbing (new & exis			12387	gsf	\$	10.00		\$123,870
	HVAC (new & existing			12387	gsf	\$	35.00		\$433,545
	Electrical (new & exist			12387	gsf	\$	8.50		\$105,290
		Alarm Systems (new & existing	space)	12387	gsf	\$	5.25		\$65,032
		eo (new & existing space)		12387	gsf	\$	2.50		\$30,968
	Associated Constructi				lump sum	\$	40,579.00		\$40,579
	Account to the second s	Abatement		12387	gsf	\$	2.50		\$30,968
		Staged Parking		1	lump sum	\$	6,750.00		\$6,750
D	_	Security		1	lump sum	\$	22,000.00		\$22,000
D.	Equipment 1. Fixed		1						
	Moveable								\$0
FCTI	MATED CONSTRUCTION	COSTS	,						\$0
		entage or lump sum. If using lump s	sum, make entry	v in S field.			L	31	1,183,932
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	g	, a.i.i, iliano olim,	, •					
DESIG	IN FEE	10 %	(% of Estimate	d Construction Co	osts)		Γ	-	\$118,393
PREC	ONSTRUCTION COSTS			d Construction Co		M@Ris	k])		\$8,879
COM	MISSIONING			1.0% moderate; 1			· · · F		\$17,759
SPEC	IAL INSPECTIONS/MATERI		(1.25% estimat			6			\$11,839
SUST	AINABILITY			d, 2% LEED Silve	er)				\$0
			70	amming, feasibilit	ă.				
ADVA	NCE PLANNING	%	(% of Estimated	d Construction Co	osts)				\$0
CONT	INGENCIES	5 %	(% of Estimated	d Construction Co	osts [3% New	or 5% F	R&R])		\$59,197
FSTIM	IATED COSTS (% of Est	imated Construction Costs + Cont	ingencies : De	eign Fool				\$1	,400,000
	tion = percent per month mu		ingcholos + De	sign (cc)			L	Ψ1	,400,000
	Est. Date to mid-point of const	. 10	12	months	0	% per r	month		
	TOTAL CONTROL OF TAXABLE PROPERTY.					70 per i	HOHUT		
		TO CONTRACT TO TO TO TO CONTRACT OF THE CONTRA	ACOUNT CONTRACTOR AND ACOUNTY						
		%; 12-17 mos = .26%; 18-23 mos = .29% (Total of Estimated Costs x Esca		3%; 36-47 mos = .36	%; 48-60 mos =	.38%	Г		60
		•	á				L		\$0
TOTA	L ESTIMATED PROJECT	COSTS (Estimated Costs + Esca	alation Cost Incre	ease)					,400,000
APPR	OVED BY: Fra	the	_ :	TITLE University	Architect		<u>D</u>	ATE \O.	4.15
	(Governing Bear	d or Agency Head)							

The University of North Carolina Request for New or Increase in Capital Improvement Project

Ins	titution: NC St	tate University		Advance Planning Request:
	erease in Authorization from oject Title: Textiles Compl		_	New Capital Project*: X
	oject Cost: \$400,000			
	urce of Funds: F&A			
	this project has previously hority is carried. Code		ority, please ident	ify code/item number under which that
	r each advance planning p		ction project, plea	ase provide the following:
1.	A detailed project descript	ion and justification:		
		previous library space to a cellation devices, lighting, a		n lab area. It will include delineation of els.
2.	An estimate of acquisition (a completed OC-25 form)		elopment, constru	ction, contingency and other related costs
	See attached OC-25.			
3.	An estimated schedule of construction only):	cash flow requirements over	er the life of the pr	roject by FY quarters (Answer for capital
		Q2 \$4,616 ,125 \$21,214	Q3 \$27,193	<u>Q4</u> \$244,852
4.	An estimated schedule for	the completion of the proje	ect:	
	Design Start: December 18 Construction Start: March		ete: February 15, Complete: August	
5.		ce and operating costs and as	•	to support these costs, including personnel on only):
	N/A			
6.	An estimate of revenues, i (Answer for capital constr	•	from the project, c	overing the first five years of operation
	No revenues will be derive	ed from this project.		
7.	An explanation of the mea	ns of financing:		
	$F\&\Delta$ funds will fund the d	lesion and construction of t	his project	

STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE

Form OC-25 (Rev 05/12)

DATE: 10/08/15

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

North Carolina State University

DEPARTMENT and DIVISION:

PROJECT IDENTIFICATION:		Textiles Complex - iLab Renovations							
PRO	JECT CITY or LOCATION:	Raleigh - Cennter	nial Campus F	Precinct					
PRO	JECT DESCRIPTION & JUSTIFICA	TION: (Attach add'l data a	s necessary to ind	licate need, size, fur	nction of improv	vements	as well as a mas	ter plan.)	
	project renovates the previous librar								
	es, lighting, and acoustical panels.	13							

(Defir	itions/explanations are provided on pg 2	to assist in completion o	f this form.)						
CUR	RENT ESTIMATED CONSTRUCTION	ON COST		QTY	UNIT	COS	T PER UNIT	TOTAL	
A.	Land Requirement							\$0	
B.	Site Preparation								
	 Demolition 							\$0	
	Site Work							\$0	
C.	Construction						***************************************		
	Utility Services							\$0	
	2. Building Construction (new s	pace)				- 20		\$0	
	Building Construction (existin	g)		4,683	ASF	\$	25.00	\$117,075	
	Plumbing (existing space)				- 11			\$0	
	HVAC (existing space)			4,683		\$	8.00	\$37,464	
	Electrical (existing space)			4,683	ASF	\$	16.00	\$74,928	
	Fire Supression and Alarm S		g space)	4,683		\$	2.00		
	8. Telephone, Data, Video (nev			4,683		\$	3.50		
	Associated Construction Cos	ts		1	lump sum	\$	5,532.00		
	10. Other: staged	parking	_	1	lump sum	\$	1,125.00	\$1,125	
D.	Equipment								
	1. Fixed							\$0	
	2. Moveable			1	lump sum	\$	80,000.00		
	MATED CONSTRUCTION COSTS							\$341,881	
Items	pelow may be calculated by percentage or	lump sum. If using lump	sum, make entry	y in \$ field.					
		10.00							
	GN FEE			ed Construction Co				\$34,188	
	CONSTRUCTION COSTS			ed Construction Co			sk])	\$3,419	
	MISSIONING			1.0% moderate; 1	1.5% complex)		\$3,419	
	IAL INSPECTIONS/MATERIALS		(1.25% estima					\$0	
SUST	AINABILITY	%	(3% LEED Gol	ld, 2% LEED Silve	er)		3	\$0	
			Includes progra	amming, feasibility	v. analysis				
ADVA	NCE PLANNING	%		ed Construction Co				\$0	
CONI	INCENCIES	E 0/	(0/ of Fatiment	d 0t	t- [00/ Na	50/	D0D1\	\$17,094	
CON	INGENCIES		(% of Estimate	ed Construction Co	osis [3% New	or 5%	H&H])	\$17,094	
COTU	AATED 000TC (0) of Following							\$400,000	
		Construction Costs + Cor	itingencies + De	esign Fee)				\$400,000	
	ation = percent per month multiplied					0/	w		
•	Est. Date to mid-point of construction)		9	•		% per	month		
Genera	Bidgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-3	5 mos = .12%; 36-47 mos = .	16%; 48-60 mos = .	.18%					
Health I	lldgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17	mos = 26%: 18-23 mos = 29	9%: 24-35 mos = 3	3%: 36-47 mos = 36	%: 48-60 mos =	38%			
	LATION COST INCREASE (Total o			070, 00 47 11103 = .00	70, 10 00 11100 -	.0070	Ĩ	\$0	
LOUP	LATION COST INCIDENSE (TOTAL)	LStilllated Costs X LSC	alation /o)					ΨΟ	
TOTA	L ESTIMATED PROJECT COSTS	S (Estimated Costs + Es	calation Cost Incre	ease)				\$400,000	
	1.	in the second se							
APPF	OVED BY Tha N	~	_	TITLE University	Architect			DATE 10.9.15	
	Transping Room or Ago	ncy Head)							

The University of North Carolina Request for New or Increase in Capital Improvement Project

		request for 1	tew of increas	se in Capital IIII	orovement i roject	
Ins	titution:	NC State Unive	rsity			anning Request:
		tion from: \$ America – Varsity		 ovations	New C	Capital Project*: X
Pro	oject Cost: <u>\$495,0</u>	000				
So	urce of Funds: Fac	cilities and Adminis	strative Receipt	s		
		eviously had advan		thority, please ide	ntify code/item numb	er under which that
Fo	r each advance pl	anning project or	capital constru	uction project, pl	ease provide the foll	lowing:
1.	A detailed projec	et description and ju	stification:			
	Building Module		odate equipmer		g open office space in ng, research, and teac	Varsity Research ching and provide space
2.	An estimate of ac (a completed OC		g, design, site de	evelopment, const	ruction, contingency	and other related costs
	See attached OC-	-25.				
3.	An estimated sch construction only		requirements o	ver the life of the	project by FY quarter	rs (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 sch	edule for the comp	letion of the pro	oject:		
	Design Start: Dec Construction Star	cember 15, 2015 rt: March 1, 2016		plete: February 1, Complete: April		
5.		aintenance and operative years of opera				sts, including personnel,
	N/A					
6.		evenues, if any, like tal construction onl		I from the project,	covering the first fiv	re years of operation
	No revenues will	be derived from th	is project.			
7.	An explanation o	of the means of fina	ncing:			

Facilities and Administrative Receipts will finance the design and construction 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							DATE:	10/20/15			
	JECT IDENTIFICATION:	Varsity Research			3						
	JECT CITY or LOCATION:	Raleigh - South C									
PRO	JECT DESCRIPTION & JUSTIFICA	TION: (Attach add'l data a	as necessary to in	ndicate need, size, fu	nction of impro	vements as	well as a master p	lan.)			
Impro	ove approximately 6,300 square feet	of existing open office	e space in Va	rsity Research E	Building Mod	ules 6 & 7	7 to accommod	late equipment for			
manu	ifacturing, research and teaching an	d provide space for de	esign, meetin	g, testing and sto	rage.						
(Defin	itions/explanations are provided on pg 2	to assist in completion o	of this form.)								
CUR	RENT ESTIMATED CONSTRUCTION	ON COST		QTY	UNIT	COST	PER UNIT	TOTAL			
A.	Land Requirement							\$0			
B.	Site Preparation										
	 Demolition 					Τ		\$0			
	Site Work							\$0			
C.	Construction					-					
	Utility Services							\$0			
	2. Building Construction (new sp	pace)						\$0 \$0			
	3. Building Construction (existing			6285	GSF	\$	25.00	\$157,125			
	4. Plumbing (new & existing spa	ace)		6285		\$	4.00	\$25,140			
	5. HVAC (new & existing space)			6285		\$	19.50	\$122,558			
	6. Electrical (new & existing spa			6285		\$	14.00	\$87,990			
	7. Fire Supression and Alarm Sy		g space)	6285		\$	2.00	\$12,570			
	8. Telephone, Data, Video (new		. ,	6285		\$	1.25	\$7,856			
	9. Associated Construction Cost				lump sum	\$	3,500.00	\$3,500			
	10. Other: Security	1			lump sum	\$	8,154.00	\$8,154			
D.	Equipment		-					40,101			
	1. Fixed							\$0			
	Moveable							\$0			
ESTI	MATED CONSTRUCTION COSTS						77.7	\$424,893			
Items b	elow may be calculated by percentage or	lump sum. If using lump	sum, make entr	v in \$ field.			_	7.1.2.,000			
				,							
DESIG	SN FEE	10 %	(% of Estimat	ted Construction C	osts)		Г	\$42,489			
PREC	ONSTRUCTION COSTS			ted Construction C		CM@Risk1	, –	\$2,124			
COM	MISSIONING			; 1.0% moderate; 1			′ F	\$4,249			
SPEC	IAL INSPECTIONS/MATERIALS	%	(1.25% estimate	ated)	\$0						
	AINABILITY			old, 2% LEED Silve	er)		-	\$0			
							-	Ψ0			
4 D\/A	NCE DI ANNINO	0/		ramming, feasibility							
ADVA	NCE PLANNING		(% of Estimat	ed Construction Co	osts)			\$0			
CONT	INGENCIES	5 %	(% of Estimat	ed Construction Co	osts [3% New	or 5% R8	(R1)	\$21,245			
					•		· F				
ESTIN	MATED COSTS (% of Estimated 0	Construction Costs + Cor	ntingencies + D	esian Fee)				\$495,000			
Escala	ation = percent per month multiplied t			,			_				
	Est. Date to mid-point of construction)		6	6 months	0	% per m	onth				
	Bldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35		16%: 48-60 mos =			, po					
Health B	ldgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 i	mos = .26%; 18-23 mos = .29	9%; 24-35 mos = .:	33%; 36-47 mos = .36	%; 48-60 mos =	.38%	<u></u>				
ESCA	LATION COST INCREASE (Total of	Estimated Costs x Es	calation %)					\$0			
TOTA	ESTIMATED BEG IFOT COSTS	/F. //	10.6				_				
IOIA	L ESTIMATED PROJECT COSTS	(Estimated Costs + Esc	calation Cost Incr	ease)				\$495,000			
ADDD/	OVED BY Land			TITLE	A 1.9			ATE 10.20.15			
AFFR		any Hoad)	_	TITLE University	Architect		DA	AIE 10. 20.13			
	(Governing Bedrd or Agen	cy riedu)									

The University of North Carolina Request for New or Increase in Capital Improvement Project

Ins	stitution: UNC Ask	neville	Advance Planning Request:
	crease in Authorization from: \$ oject Title: Mills Hall Renovati		New Capital Project*: X
Pro	oject Cost: \$700,000		
So	urce of Funds: Cash on hand fro	om Housing Reserves.	
*If	f this project has previously had thority is carried. Code_N/A_	advance planning authori	ty, please identify code/item number under which that
Fo	r each advance planning proj	ect or capital construction	on project, please provide the following:
1.	A detailed project description	and justification:	
	Hall residents have contribute The student bathrooms have o shower pans/walls have comp flooring would all be replaced and building envelope issues.	d to planning for this reno original showers and fixtur letely failed in many insta as part of this project. Th These include new platfor s on first floor, emergency	bed suite style residence hall built in 1987. Mills evation and would be involved with design aspects. The which create ongoing maintenance issues and sences. Showers, fixtures, cabinets, vanities, and the other primary aspects of this project address safety form and walking area in attic, waterproofing and generator work, and possible masonry repairs. This 2016.
2.	An estimate of acquisition, pla (a completed OC-25 form)	anning, design, site develo	opment, construction, contingency and other related costs
	Please see attached.		
3.	An estimated schedule of cash construction only):	ı flow requirements over t	he 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 estimated schedule for the	completion of the project	
••		1 1 3	l and is estimated to be completed by 8/1/16.
5.	An estimate of maintenance are covering the first five years of	nd operating costs and sou operation (Answer for ca	arce of funding to support these costs, including personnel, pital construction only):

No change.

STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE OPOSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJEC

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

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

DEPARTMENT and DIVISION:	UNC Asheville				DATE:	11/16/15
PROJECT IDENTIFICATION:	Mills Hall Renovation	ons				
PROJECT CITY or LOCATION:	Asheville, NC			1 5	1	
PROJECT DESCRIPTION & JUSTIFICATION	N: Renovate bathrooms.	install HVAC service platforms in a	attic space, renov	ate one la	undry room to miti	gate dryer exhaust issues,
clean ductwork, and repair structural issues where mas			, · · · · · · · · · · · · · · · · ·			
6						
(Definitions/explanations are provided on pg 2 to	assist in completion of	this form.)				
CURRENT ESTIMATED CONSTRUCTION	COST	QTY	UNIT	COS	PER UNIT	TOTAL
A. Land Requirement			193 1 -112			\$0
B. Site Preparation				1		A 175
1. Demolition		582	4 sf	\$	2.00	\$11,648
2. Site Work						\$0
3. Abatement		,				\$0
C. Construction						7
1. Utility Services						\$0
2. Building Construction (new space	ce)	and the second s				1 1 m 1 year
3. Building Construction (existing)	,	582	4 sf	\$	73.24	\$426,547
4. Renovate Laundry Room			1 ea	\$	12,000.00	\$12,000
5. Install HVAC service platforms in	n attic		1 ea	\$	58,500.00	\$58,500
6. Structural Repairs		30 - 40 H 20 - 4	1	\$	75,000.00	\$75,000
7. Clean Ductwork			1 ea	\$	25,000.00	\$25,000
8. Telephone, Data, Video		and the state of t	7		,	\$0
9. Associated Construction Costs					*	\$0
10. Other:	1	e en la maria e de la maria e e				\$0
ESTIMATED CONSTRUCTION COSTS						\$608,695
Some items below may be calculated by percentage	e or lump sum. If using	lump sum, make entry in \$ field.				
OWNER COSTS						
DESIGN FEE	10 %	(% of Estimated Construction	Costs)			\$60,870
PROJECT MANAGEMENT	1					\$0
LEGAL FEES						\$0
PSNC ENERGY GAS FEE						\$0
CITY WATER FEE	redispersion					\$0
PRECONSTRUCTION COSTS	%					\$0
COMMISSIONING	0 %	(0.5% simple; 1.0% moderate	; 1.5% complex	<)		\$0
SPECIAL INSPECTIONS/MATERIALS	0 %	(1.25% estimated)				\$0
GEOTECHNICAL SURVEY		· · · · · · · · · · · · · · · · · · ·				\$0
HVAC TEST & BALANCE						\$0
SITE & WATER LINE SURVEY						\$0
FURNITURE, FIXTURES, EQPMT						\$0
IT EQUIPMENT						\$0
MOVING						\$0
SUSTAINABILITY	0 %	(3% LEED Gold, 2% LEED Si	lver)			\$0
505TAINABILITT			•			1-
	0.0/	Includes programming, feasib				* 0
ADVANCE PLANNING	0 %	(% of Estimated Construction	Costs)			\$0
CONTINGENCIES	5 %	(% of Estimated Construction	Costs [3% Nev	w or 5% F	R&R])	\$30,435
_		not an desage of the				
TOTAL ESTIMATED COSTS WITHOUT E	SCALATION					\$700,000

Escalation = percent per month multiplied by number of months

The University of North Carolina Request for New or Increase in Capital Improvement Project

т.	ari II i	' CN 1	N 1' (CI 1	TT'11 A 1	DI ' D				
Inst	titution: The Univ	ersity of North C	Carolina at Chapel	Hill Ad	vance Planning R New Capital Pro		X		
Inc	rease in Authorization from: § vject Title: Administrative Offi	ce Ruilding 2 nd	and 3 rd Floor Ren	ovation	New Capital Fie	ijeet .	Λ		
110	Jeet Tide. Administrative Offi	ce Building, 2	and 5 Thoof Ken	Svation					
Pro	ject Cost: \$1,781,426								
Sou	arce of Funds: F&A Funds								
	this project has previously had hority is carried. Code Ite		ng authority, pleas	e identify code/ite	em number under	which t	that		
For	r each advance planning proj	ect or capital co	onstruction proje	ct, please provid	e the following:				
1.	A detailed project description space on the second and third renovation will improve the errenovation will entail removal environment.	floors of the Ad ficiency of the e	ministrative Office existing space by a	e Building for the dding 113 addition	Division of Finations on all work stations	nce. Th			
2.	An estimate of acquisition, pla (Answer for capital constructi				ingency and othe	r related	l 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	Tot	al		
	Expected Expenditure	\$267,214	\$534,428	\$623,499	\$356,285	\$1,78	81,426		
4.	An estimated schedule for the Design start: Jan 2016; Const	•		ction end date: Se	ptember 2016				
5.	An estimate of maintenance a covering the first five years of				these costs, inclu	ding pe	rsonnel,		
	na								
6.	An estimate of revenues, if an (Answer for capital construction)		erived from the pro	oject, covering the	e first five years o	of opera	tion		

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

	RTMENT and DIVISION:	The University of Nor					DATE:	11/05/15
PROJECT IDENTIFICATION: Administrative Office Building Second and Third Floor Renovation								
PROJ	ECT CITY or LOCATION:	Chapel Hill, NC						
PROJ	ECT DESCRIPTION & JUSTIFICAT	FION: (Attach add'l data as ne	cessary to indi	cate need, size, fur	ection of improv	ements as weil a	s a master plan	1.)
Thie r	project will renovate approximately 3	1.000 SE of office space	on the eac	and and third fl	nore of the /	Administrativo	Offina Build	ling for the Division of
	ce. The renovation will improve the						Cillac Dall	ang for the Division of
I III CALL	ce. The renovation will improve the	CHICKETTOY OF THE CAUSING	space by a	duling Fro addi	dollar noin s	JIGUONJ.		man member te t
/Defini	tions/explanations are provided on pg 2	to assist in completion of th	is form.)					
	RENT ESTIMATED CONSTRUCTIO			QTY	UNIT	COST PE	R UNIT ::	· · · · · · · · · · · · · · · · · · ·
A.	Land Requirement				1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1,,4,5,4,,		
В.	Site Preparation							
υ.	Demolition				T	T	· · · · · · · · · · · · · · · · · · ·	
	2. Site Work					1		
^				<u> </u>	L	<u> </u>		
C.	Construction					T	1	
	Utility Services	,						
	Building Construction (new sp					L		4440.000
	Building Construction (existing	g)		31,000	SF	\$	3.75	\$116,250
	Plumbing (new space)							
	HVAC (new space)			31,000	SF	\$	2.90	\$89,900
	Electrical (Includes TV & Radi	io Studio)		31,000	SF	\$	1.15	\$35,650
	7. Fire Supression and Alarm Sy	stems		31,000	SF	\$	0.50	\$15,500
	8. Telephone, Data, Video			31,000	SF	\$	4.55	\$141,050
	9. Associated Construction Cost	S						
	10. Other:							
D.	Equipment			,		•	•	
	1. Fixed							
	2. Moveable (furniture for 251 w	ork stations and associate	ed office					
	spaces)	·	00 011100	. 1	Lump Sum			\$1,213,800
ECTIL	NATED CONSTRUCTION COSTS			'	Europ Our	I		\$1,612,150
				. A.O. I.J			L	\$1,012,100
items b	elow may be calculated by percentage or lo	ump sum. Ir using lump sum,	make entry ii	n ş neiu.				
חבפור	SN FEE	10 % 101	of Cotimator	d Construction Co	nota)		Г	\$161,215
				Construction Co		NACODIALIA N	ļ-	Q101,210
	ONSTRUCTION COSTS	· · · · · · · · · · · · · · · · · · ·			-		-	\$8,061
	ISSIONING			.0% moderate; 1	.5% complex	į_	\$0,001	
	AL INSPECTIONS/MATERIALS		25% estimat					
SUSTA	AINABILITY	<u></u> % (3%	% LEED Gold	l, 2% LEED Silve	er)		L	
		Inc	ludes progra	mming, feasibility	y, analysis			
ADVAI	NCE PLANNING			Construction Co				
	•						<u> </u>	¢00 ¢00
CONT	INGENCIES	5 % (%	of Estimated	l Construction Co	osts (3% New	or 5% R&R])		\$80,608
ESTIM	ATED COSTS (% of Estimated C	Construction Costs + Conting	gencies + De	sign Fee)			L	\$1,781,426
Escala	tion = percent per month multiplied b	y number of months						
From I	Est. Date to mid-point of construction)	=	8	months	0	% per month		
General F	3ldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35	mos = .12%; 36-47 mos = .16%; 4	18-60 mos = .18	- 1%				
	•							
fealth Bl	dgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 m	ios = .26%; 18-23 mos = .29%; 24	-35 mos = .33%	%; 36-47 mos = .36%	; 48–60 mos ≈ .3	8%	_	
ESCAL	ATION COST INCREASE (Total of	Estimated Costs x Escala	ıtion %)					\$0
	·	1		_				64 704 100
OTA	_ ESTIMATED PROJECT COSTS	(Estimated Costs + Escalati	on Cost Increa	se)			<u> </u>	\$1,781,426
		1//					_	
YPPR(OVED BY:	100	Ţ	TITLE: Director Fac	ittes Planning	and Design	<u>D</u> .	ATE: 11/06/15
	I / (Conoming Resert by Agent	r# Head)						

The University of North Carolina Request for New or Increase in Capital Improvement Project

Ins	The University of N	orth Carolina at Cl	apel Hill	Advance Plannin		_
Inc	crease in Authorization from: \$\ 0\ \ to	\$414,200		New Capita	al Project*: x	_
Pro	oject Title: Emergency Power Improve	ments for UNC Ma	rine Sciences Inst	ritutes		
Pro	oject Cost: \$414,200					
So	urce of Funds: F&A Funds					
aut	this project has previously had advance pathority is carried. Code Item r each advance planning project or capi					
1.		tion: Marine Sciences In the state of time and sign	nstitute is compro ificant research de	mised during periollars. In addition	ods when normal to essential	
2.	An estimate of acquisition, planning, design, site development, construction, contingency and other related costs (Answer for capital construction only and include a completed OC-25 form)					
	See attached OC-25 form.					
3.	An estimated schedule of cash flow requ construction only):	irements over the l	ife 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 schedule for the completion	n of the project:				
	Start date: construction Fe	October 1, 2015 bruary 15, 2016 ine 15, 2016				
5.	An estimate of maintenance and operating covering the first five years of operation				ncluding personnel	,
6.	An estimate of revenues, if any, likely to (Answer for capital construction only):	be derived from the	ne project, coverin	g the first five year	ars of operation	
	n/a					

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

						11/06/15		
	DJECT IDENTIFICATION:	Emergency Powe		nts for UNC Mari	ne Sciences	Institute		
	DJECT CITY or LOCATION:	Morehead City, N						
	DJECT DESCRIPTION & JUSTIFICATI							
time	critical nature of research at the Marine and significant research dollars. In ad er system.							
	initions/explanations are provided on pg 2 t		of this form.)					· ·
CUF	RRENT ESTIMATED CONSTRUCTION	I COST		QTY	UNIT	COST	PER UNIT	TOTAL
A.	Land Requirement							\$0
В.	Site Preparation					,		
	1. Demolition				<u> </u>	<u> </u>		\$0
_	2. Site Work				<u> </u>	<u> </u>		\$0
C.	Construction				1	3	· · · · · · · · · · · · · · · · · · ·	
	 Utility Services 				<u> </u>			\$0
	Building Construction (new spa	•						\$0
	Building Construction (existing)	•						\$0
	4. Plumbing (new space)			—	<u> </u>			\$0
	5. HVAC (new space)	•					000 000 00	\$0
	6. Electrical (Emergency Generat			1	Lump Sum	\$	380,000.00	\$380,000
	7. Fire Supression and Alarm Sys	tems		-				\$0 \$0
	 Telephone, Data, Video Associated Construction Costs 							\$0 \$0
								\$0
n	10. Other:		-		<u> </u>	<u></u>		φυ
D.	Equipment 1. Fixed				<u> </u>		·	\$0
	2. Moveable			ļ				\$0
ECT	IMATED CONSTRUCTION COSTS			<u> </u>				\$380,000
		Wt		t- A C-14			l	\$300,000
tems	below may be calculated by percentage or lu	ımp sum. ır usıng ıump	sum, make ent	ry in \$ neio.				
756	IGN FEE	9 %	1% of Fetima	ted Construction C	oete)		Г	\$34,200
	CONSTRUCTION COSTS		•	ted Construction C	•	Madieri	, }	\$0
	IMISSIONING		•	; 1.0% moderate; 1	-		' ŀ	\$0
	CIAL INSPECTIONS/MATERIALS		(1.25% estim		r.o /o complex)		ŀ	\$0
	_			old, 2% LEED Silve	ام.		-	\$0
505	TAINABILITY _	70	(3% LEED G	010, 2% LEEU SIIV	er)			Ψ
\\\\	ANCE PLANNING	%		gramming, feasibilit ted Construction C				\$0
	TINGENCIES		•	ted Construction C	•	or 5% R&	RI)	\$19,000
			(20 01 2001110			••••	1	· ·
	MATED COSTS (% of Estimated Co lation = percent per month multiplied by	nstruction Costs + Con	itingencies + D	esign Fee)			Ĺ	\$414,200
	nation = percent per monar manaples by n Est. Date to mid-point of construction) =			8 months	O :	% per mo	nth.	
	1 Est. Date to find-point of constitution) = al Bidgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 i					70 per me	иш	
lealth	Bldgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 m	os = .26%; 18-23 mos = .29	9%; 24-35 mos =	.33%; 36-47 mos = .36	6%; 48-60 mos =	.38%		
	ALATION COST INCREASE (Total of E			,	,			\$0
ОТ	AL ESTIMATED PROJECT COSTS	, (Estimated Costs + Es	calation Cost Inc	crease)			Γ	\$414,200
		1~-		·	allita Dissols	and Dissiles	-	NATE: 11/08/15
ハトトト	ROVED BY: //		_	TITLE: Director Fac	anues Planning :	and Design		ATE: 11/06/15

The University of North Carolina Request for New or Increase in Capital Improvement Project

	Request for New or Increase in Capital Improv	ement Project
Institution:	The University of North Carolina at Chapel Hill	Advance Planning Request
Increase in Autho	rization from:	New Capital Project*: x
	ase Dining Hall Second Floor Renovations	
<u>-</u>	6	
Project Cost: \$3	,850,000	
Source of Funds:	Auxiliary Trust Fund	
	s previously had advance planning authority, please identify d. Code: Item:	code/item number under which that
For each advanc	e planning project or capital construction project, please	provide the following:
1. A detailed pr	oject description and justification:	
2nd floor of the C of the lower floor	renovate approximately 5,028 square feet of existing large methase Dining Hall into a food serves and dining areas as an example. The project will also address accessibility deficiencies with rect access to the main food services and dining areas located	stension of the existing dining program restrooms as well as introduce a new
	of acquisition, planning, design, site development, construction capital construction only and include a completed OC-25 form	
See OC25		
3. An estimated construction	schedule of cash flow requirements over the life of the projectionly):	ect by FY quarters (Answer for capital
By End of: Expected Expenditure	2Q 2015-16 3Q 2015-16 4Q 2015-16 1Q 2016-17 2Q 2016-17 3Q 2016-17 4 \$ 77,000 \$ 154,000 \$ 192,500 \$ 577,500 \$ 962,500 \$	Q 2016-17
4. An estimated	schedule for the completion of the project:	
Design: 1/1/1	6; Construction start: 12/1/16; construction completion: 8/1/	16
	of maintenance and operating costs and source of funding to first five years of operation (Answer for capital construction	
n/a		
	of revenues, if any, likely to be derived from the project, coveragital construction only):	ering the first five years of operation

7. An explanation of the means of financing: Auxiliary Trust Fund – dining receipts

na

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: PROJECT IDENTIFICATION:		The University of North Carolina at Chapel Hill Chase Dining Hall Second Floor Renovation				DATE:	11/06/15		
PROJECT CITY or LOCATION: Chapel Hill, NC									
	CT DESCRIPTION & JUSTIFICATIO								
service	oject will renovate approximately 5,02 and dining area. The renovation will bility deficiencies.								
(Definitio	ns/explanations are provided on pg 2 to	assist in completion of t	his form.)						
	INT ESTIMATED CONSTRUCTION		2.10 to 1.1111y	QTY	UNIT	COST	PER UNIT	10 10 10 10 10 TO	OTAL
A.	Land Requirement	3001			NTIV/	101 01 17 17 17 1	<u> </u>		<u> </u>
В.	Site Preparation							•	
٥.	Demolition			1	LUMPS	\$	180,000	\$	180,000
	2. Site Work					1	,	<u> </u>	
C.	Construction				l			<u>. </u>	
0.	Utility Services								
	Building Construction (new spa	uca)		 		+			
				5028	¢E.	\$	295	¢	1,483,260
	Building Construction (existing) Diversing			5028		\$	35		175,980
	4. Plumbing 5. HVAC			5028		\$	45		226,260
		Chudio		5028		\$	10		50,280
	6. Electrical (Includes TV & Radio			5028			8		40,224
	7. Fire Suppression and Alarm Sy			5028		\$	12		
	8. Telephone, Data, Video (Includ			0026	LO	\$	12	ð .	60,336
	9. Associated Construction Costs				1.0		400.000	^	400,000
	10. Other: Reserves (secured acco]	l.S	\$	120,000	\$	120,000
	signage, digital displays and cashle	r's equipment)							
D.	Equipment					_1			
ъ.	Fixed (Kitchen Equipment)			4.	LS	\$	693,504	\$	693,504
	Moveable (Furniture)				LS	\$	400,000		400,000
COTIMA	TED CONSTRUCTION COSTS			<u> </u>	40	Ψ	400,000	\$	3,429,844
		a aum. If using home our	n maka antaria	t Gald			1	· 3	3,423,044
nems per	w may be calculated by percentage or lum	ր sum. ո սուռց առւթ su	ii, iiiake eiitry iii	ş neid.					
DESIGN		10 %	(% of Estimate	d Construction Costs)			\$	342,984
				d Construction Costs		nRiskl \	f	Υ	
				1.0% moderate; 1.5%		y, 1,∞11, j		\$	34,298
SPECIAL INSPECTIONS/MATERIALS 1.25 % (1.25% estimate)				Complex		1	\$	42,873	
	-			ateo) old, 2% LEED Silver)				Ÿ	42,010
SUSTAII	NABILITY _		(3% FEED (30)	u, 2% LEED Slivel)			-		
ADVANO	CE PLANNING			amming, feasibility, ar d Construction Costs)					
CONTINGENCIES5 % (% of Estimate			ted Construction Costs [3% New or 5% R&R])				\$	171,492	
	TED COSTS (% of Estimated Cons on = percent per month multiplied by n	struction Costs + Contin	gencies + Desi	gn Fee)				\$	3,850,000
(From Es	t. Date to mid-point of construction) = gs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 m		16 6%; 48-60 mos = .	months _	ı	<u>0</u> % per mor	nth		
•	s: 0-5 mos = ,18%; 6-11 mos = .22 %; 12-17 mo TION COST INCREASE (Total of Es			3%; 36-47 mos = .36%; 4	8-60 mos = .38°	%	Γ	<u> </u>	_
ESCALATION COST INCREASE (Total of Estimated Costs x Escalation %) TOTAL ESTIMATED PROJECT COSTS (Estimated Costs + Escalation Cost Increase)					Γ	\$	3,850,000		
(Catallica Costs - Escalatoli Cost inclease)						L			
APPROVED BY:							DATE: 11/6/15		

The University of North Carolina Request for New or Increase in Capital Improvement Project

Ins	stitution: University of North C	Carolina at Charlotte	Advance Planning Request:					
Inc	crease in Authorization from: \$ to	¢	New Capital Project*: X					
	oject Title: Irwin Belk Track Resurfacing	Φ						
Dave	21 400 000							
Pro	oject Cost: \$1,400,000							
So	urce of Funds: Non-General Funds – Athle	tic Foundation Reserves						
	this project has previously had advance plathority is carried. Code Item		ntify code/item number under which that					
Fo	r each advance planning project or capit	al construction project, pl	ease provide the following:					
1.	A detailed project description and justification:							
	The Belk track is used for intercollegiate track and field events. It has degraded to the point at which it must be resurfaced. The project is to remove all existing track surface to the base and install a new surface. There will be some additional electrical lines installed and some rearrangement of the high jump pole vault. The proposed schedule for construction is during the summer of 2016.							
2.	An estimate of acquisition, planning, design, site development, construction, contingency and other related costs (a completed OC-25 form)							
	Attached							
	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: December 14, 2015	Construction	Start: May 1, 2016					
	Construction Complete: August 1, 2016	Occupy: Augu	ust 1, 2016					
	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							
	An estimate of revenues, if any, likely to be (Answer for capital construction only):	be derived 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 ha							

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.)

<u></u>		UNC Charlotte	JNC Charlotte rwin Belk Track Resurfacing				DATE:	10/26/15	
		esurracing							
		Charlotte, NC							
	CRIPTION & JUSTIFICA							ixting track surface to	
the base and instal	I a new surface. There will be s	some additional electrical line	s installed and some	e rearrangement	of the high j	ump pole vaul	t.		
CURRENT EST	IMATED CONSTRUCTION	ON COST		QTY	UNIT	COST	PER UNIT	TOTAL	
	equirement							\$0	
B. Site Pre	•				ı		I		
	nolition		Γ	63900	SF	\$	4.80	\$306,720	
2. Site	Work							\$0	
C. Constru	ction		_				•		
1. Utili	ty Services							\$0	
2. Buil	ding Construction (new s	pace)						\$0	
3. Buil	ding Construction (existing	ng)		63900	SF	\$	14.17	\$905,463	
4. Plur	mbing (new space)							\$0	
5. HV	AC (new space)							\$0	
	ctrical (Includes TV & Rac	•						\$0	
	Supression and Alarm S	ystems						\$0	
	ephone, Data, Video							\$0	
	ociated Construction Cos		_					\$0	
10. Ot	<u>,</u>	Support	<u>.</u> L	1	LS	\$	5,208.00	\$5,208	
D. Equipme			_						
1. Fix∈								\$0	
	veable veable		<u>L</u>					\$0	
ESTIMATED C	ONSTRUCTION COST	S						\$1,217,391	
Items below may b	e calculated by percentage of	or lump sum. If using lump	sum, make entry i	n \$ field.					
DESIGN FEE		10 %	(% of Estimated (Construction C	octo)			\$121,739	
PRECONSTRU	CTION COSTS	0 %	(% of Estimated (r CM@Dickl	,	\$121,739	
COMMISSIONII		0 %	(0.5% simple; 1.0		, <u> </u>	\$0 \$0			
		0 %	(1.25% estimated			\$0 \$0			
			(3% LEED Gold,			\$0 \$0			
JUJIAMADILI	1 1							Ψ0	
	NININC	0.0%	Includes program (% of Estimated (\$0	
			•						
CONTINGENCI	ES	5 %	(% of Estimated (Construction C	osts [3% N	ew or 5% R8	&R])	\$60,870	
ECTIMATED OF	2070 (2) (5)			- \				¢1 400 000	
ESTIMATED CO	•	Construction Costs + Cor	ntingencies + Desi	gn Fee)				\$1,400,000	
	rcent per month multiplied	•	10	months		0 % per m	onth		
	to mid-point of construction mos = 0%; 18-23 mos = .04%; 24		12 16%: 48-60 mos = 1	months 8%		<u>0</u> % per m	OHIH		
•	s = .18%; 6-11 mos = .22 %; 12-				36% ⋅ 48-60 n	nos – 38%			
•	COST INCREASE (Total				3070, 40-00 11	103 – .5070		\$0	
LOCALATION	JOST INCINEASE (TOTAL)	or Estimated Construction	11 00313 A L30416	111011 70)			<u></u>		
TOTAL ESTIM	ATED PROJECT COST	S (Estimated Construction	on Costs + Escalatio	n Cost Increase))			\$1,400,000	
ADDDOVED DV	,		=-	T. F					
APPROVED BY	:(Governing Board or Ag	ency Head)		TLE			<u>DA</u>	IC	

The University of North Carolina Request for New or Increase in Capital Improvement Project

Ins	titution:	University of Nort	th Carolina at Charlotte	,	Advance Planning Request:			
Inc	rease in Authorizatio	n from: \$	to \$		New Capital Project*: X			
	eject Title: Hickory/							
Pro	oject Cost: <u>\$800,000</u>)						
Soı	urce of Funds: Carry	-forward; Facilities	s and Administration (I	F&A) funds				
	this project has previ hority is carried. Coo			ease identify co	ode/item number under which that			
Fo	r each advance plan	ning project or ca	pital construction pro	oject, please pi	rovide the following:			
1.	A detailed project d	escription and justi	fication:					
	Hickory and Cedar Halls were formerly 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.							
	Item: 41326-307) au	uthorization. Becau		CID 2 sub-pro	Development Phase II (CID 2, Code- ojects due to unforeseen conditions eparately.			
2.	An estimate of acqu (a completed OC-25		lesign, site developmer	t, construction	, contingency and other related costs			
	Attached							
3.	An estimated schedu construction only):	ule of cash flow rec	quirements over the life	e of the project	by FY quarters (Answer for capital			
	FY16 QTR 3	\$48,000	FY17 QTR 1	\$432,000				
	FY16 QTR 4	\$176,000	FY17 QTR 2	\$144,000				
4.	An estimated schedu	ule for the complet	ion of the project:					
	Design Start	1/1/2016	5 Cons	ruction Start	6/1/2016			
	Construction Compl	lete 10/1/201	6 Occu	ру	11/1/2016			
5.			ting costs and source o		pport these costs, including personnel, ily):			
	Fiscal Year 2017	\$210,000) Fisca	Year 2020	\$210,000			
	Fiscal Year 2018	\$210,000) Fisca	Year 2021	\$210,000			
	Fiscal Year 2019	\$210,000	0					
6.	An estimate of rever (Answer for capital			project, coveri	ng the first five years of operation			
	NT/A							

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

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.)

DEPARTMENT and DIVISION:	UNC Charlotte				DATE:	09/22/15
PROJECT IDENTIFICATION:	Hickory/Cedar Swi	ng Space Phase	1			
PROJECT CITY or LOCATION:	Charlotte, NC					
PROJECT DESCRIPTION & JUSTIFICATION	N: Minor refurbishm	ent includes mov	es, adding e	quipment for	r Wi-Fi, paint, clean an	d the reuse
of existing furniture,. 63 person swing space	offices per building.	Project support i	ncludes in-h	ouse IT cabl	ing and equipment.	
OURDENT FORMATER CONCERNATION	0007		O.T.)		0007 050 11117	+0+M
CURRENT ESTIMATED CONSTRUCTION	COST		QTY	UNIT	COST PER UNIT	TOTAL
A. Land Requirement						\$0
B. Site Preparation						¢Ω
 Demolition Site Work 		_				\$0 \$0
						\$0
						Φ0
Utility Services	- \					\$0
Building Construction (new space) Building Construction (quisting)	e)	_	44200.22	CE	¢ / 07	\$0
3. Building Construction (existing)			44208.22	SF.	\$ 6.07	\$268,344
4. Plumbing (new space)						\$0 \$0
5. HVAC (new space)6. Electrical (Includes TV & Radio 9	Ctudio)					\$0
7. Fire Supression and Alarm Systems						\$0
8. Telephone, Data, Video	CIIIS	_	44208.22	SF	\$ 9.04	
 Associated Construction Costs 		<u> </u>	TTZ00.ZZ	J1	ψ 7.04	\$0
10. Other: FM Suppo	rt		1	LS	\$ 9,008.00	\$9,008
D. Equipment	11		•		Ψ 7,000.00	ψ <i>7</i> 1000
1. Fixed						\$0
2. Moveable			44208.22	SF	\$ 0.63	
ESTIMATED CONSTRUCTION COSTS		<u> </u>				\$704,845
Items below may be calculated by percentage or lur	np sum. If using lump :	sum, make entry in S	field.		l	
, , , ,		,				
DESIGN FEE	7.5 %	(% of Estimated C	Construction C	osts)		\$52,863
PRECONSTRUCTION COSTS	0 %	(% of Estimated C	Construction C	osts [1% for C	CM@Risk])	\$0
COMMISSIONING		(0.5% simple; 1.0°	· · · · · · · · · · · · · · · · · · ·	\$0		
SPECIAL INSPECTIONS/MATERIALS		(1.25% estimated)	\$0			
SUSTAINABILITY	0 %	(3% LEED Gold, 2	\$0			
_				•		
ADVANCE PLANNING	1 %	Includes programmi (% of Estimated C				\$7,048
-						
CONTINGENCIES	5 %	(% of Estimated C	Construction C	osts [3% New	or 5% R&R])	\$35,242
ESTIMATED COSTS (% of Estimated Co	nstruction Costs + Cor	itingencies + Desig	n Fee)			\$800,000
Escalation = percent per month multiplied by						
(From Est. Date to mid-point of construction) =		12	months	0	% per month	
General Bldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 r	nos = .12%; 36-47 mos = .	16%; 48-60 mos = .189	%			
Health Bldgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 mo	os = .26%; 18-23 mos = .29	9%; 24-35 mos = .33%	; 36-47 mos = .3	6%; 48-60 mos =	38%	
ESCALATION COST INCREASE (Total of E	stimated Constructio	n Costs x Escalat	ion %)			\$0
TOTAL ESTIMATED DDO IFOT COSTS	(F-1:1-10 : ::		0			4900 000
TOTAL ESTIMATED PROJECT COSTS	(Estimated Construction	on Costs + Escalation	Cost Increase)			\$800,000
APPROVED BY:		TIT	TI E			DATE
Governing Board or Agency			<u>[LE</u>			DITTE

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

(Rev 05/12)

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.

The University of North Carolina Request for New or Increase in Capital Improvement Project

		Request for New or Increase	in Capital Improvement Project
Ins	stitution:	UNC Asheville	Advance Planning Request: X New Capital Project*:
		tion from: \$ to \$ t Apartment Housing Project	- Trew Capital Froject .
Pro	oject Cost: Advanc	ced Planning Cost \$467,400 Estima	ated Total Project Cost \$31,653,895
So		vanced Planning, cash on hand from I al Project, Debt financed, self-liquida	e e e e e e e e e e e e e e e e e e e
*If aut	this project has prohority is carried. C	eviously had advance planning autho	rity, please identify code/item number under which that
Fo	r each advance pl	anning project or capital construct	ion project, please provide the following:
1.	A detailed project	t description and justification:	
	market demand fr detailed market as beds based on cur Sophomore, junio style units. The p parking spaces was	rom students for on-campus, apartme nalysis (see attached), demand exists rrent enrollment); however current hoors and seniors are generating the greatoroject will include multiple buildings	of new on-campus student apartment housing to meet the ent-style housing. Based on an externally conducted and at UNC Asheville for additional on-campus beds (260 pusing inventory is misaligned with student demand. atest demand and 54% of the demand is for apartments, totaling 300 beds (based on future growth) with 300 have shared living and kitchen spaces. Students, esign process.
2.	An estimate of ac (a completed OC-		lopment, construction, contingency and other related costs
	Please see attache	ed OC-25.	
3.	An estimated scho		the life of the project by FY quarters (Answer for capital
	Cash flow require	ements will be developed as part of the	ne advanced planning study.
4.	An estimated scho	edule for the completion of the projec	ct:
		ng will begin immediately upon BOC as a desired completion date of Augu	G approval and is estimated to be completed by 6/21/2016, ast 1, 2018.
5.		aintenance and operating costs and so five years of operation (Answer for c	ource of funding to support these costs, including personnel, capital construction only):
	Maintenance and	operating cost will be developed as p	part of the advanced planning study.

An estimate of revenues from the project will be developed 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):

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 DPOSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJECT

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

\$467,400

\$701,100

PROPOSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJECT

BIENNII IM 2013 - 2015

		BIENNIUM :	2013 - 2015					
DEPARTMENT and DIVISION: UNC Asheville							DATE:	11/12/15
PROJECT IDENTIFICATION:		nt Apartment	Housing			-	D/(IL.	11/12/10
PROJECT CITY or LOCATIO		/ille, NC	Tiodollig	1,				
PROJECT DESCRIPTION &	Marian and American		aluda tha daa'	an and construct	otion of now	atudant a	an artmant atul	housing to most the
market demand from students at UNC Asheville for additional demand. Sophomore, juniors include multiple buildings, total bedroom/2 bath apartments the (Attach add'll data as necessary to include multiple buildings).	s for on-campus, apart al on-campus beds (26 and seniors are gene aling 300 beds (based hat have shared living	ment-style ho 60 beds based rating the gre on future gro and kitchen s	ousing. Based d on current er atest demand wth) with 300 paces. Stude	on an externall arollment); howe and 54% of the parking spaces nts, faculty and	y conducted ever current demand is f (to help add	and deta housing i or apartr ress the	ailed market ar inventory is mi nent-style unit lack of parking	nalysis, demand exists saligned with student s. The project will on campus) with 4
(Definitions/explanations are pro	vided on pg 2 to assist ir	n completion of	this form.)				,	
CURRENT ESTIMATED CON	NSTRUCTION COST			QTY	UNIT	COS	FPER UNIT	TOTAL
A. Land Requirement								\$0
B. Site Preparation					_		and the	
 Demolition 								\$0
2. Site Work				1	Lot	\$	525,000.00	
3. Abatement					L	<u> </u>		\$0
C. Construction					T	Т		\$0
Utility Services Puilding Construct	otion (now space) 350	of nor had 3	00 hada	105,000	ea ft	\$	199.00	
Building Construct Building Construct	ction (new space), 350	si per beu, s	oo beas	103,000	154.11.	Ψ	199.00	\$0
4. Plumbing (new sp							VIII/OVA TANDA VIII TA	\$0
5. HVAC (new space								\$0
	es TV & Radio Studio)			1				\$0
	and Alarm Systems							\$0
8. Telephone, Data,				lance - number				\$0
9. Associated Cons	truction Costs							\$0
10. Other:	Parking			300	Space	\$	6,500.00	\$1,950,000
ESTIMATED CONSTRUCT	ION COSTS							\$23,370,000
Some items below may be calcula	ted by percentage or lump	sum. If using	lump sum, make	e entry in \$ field.				
OWNER COSTS	a tem , tage over our , e.e. er						,	
DESIGN FEE			*	d Construction C				\$1,869,600
PROJECT MANAGEMENT	er for Established Control	1 %	(% of Estimate	ed Construction C	osts)			\$233,700
LEGAL FEES	Kina Bada Jawa Jan							\$0
PSNC ENERGY GAS FEE	-							\$5,000
CITY WATER FEE								\$25,000
PRECONSTRUCTION COST	rs	%						\$250,000
COMMISSIONING	No.	0 %		1.0% moderate;	1.5% complex	()		\$250,000
SPECIAL INSPECTIONS/MA	ATERIALS	0 %	(1.25% estima	ited)				\$312,500
GEOTECHNICAL SURVEY	Bonnacion and Management and							\$20,000
HVAC TEST & BALANCE								\$50,000
SITE & WATER LINE SURVE								\$20,000
FURNITURE, FIXTURES, EC	JPMT							\$1,134,932
IT EQUIPMENT		Manage Deliver Colonia						\$100,000
MOVING)	0.07	(00/ 1 === 0	00/ 1 555 6"				\$0
SUSTAINABILITY		2 %	(3% LEED Go	ld, 2% LEED Silv	er)			\$467,400
			Includes progr	amming, feasibili	ty, analysis			

2 % (% of Estimated Construction Costs)

3~%~ (% of Estimated Construction Costs [3% New or~5% R&R])

ADVANCE PLANNING CONTINGENCIES

ESTIMATED COSTS (% of Estimated Co	nstruction Costs + Contingencies + Design Fee)		\$29,276,632
Escalation = percent per month multiplied by	number of months		
(From Est. Date to mid-point of construction) =	<u>28</u> months	0.29 % per month	
General Bldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35	mos = .12%; 36-47 mos = .16%; 48-60 mos = .18%		
Haalib Didge: 0.5 mag = 400/6.44 mag = 20.0/40.47 n	260/ 10 22 mag = 200/ 24 25 mag = 220/ 26 47 mag	a = 360/ , 40 60 maa = 300/	
	ios = .26%; 18-23 mos = .29%; 24-35 mos = .33%; 36-47 mos	3 = .30%, 46-00 HIOS = .30%	00.077.000
ESCALATION COST INCREASE (Total of I	estimated Costs x Escalation %)		\$2,377,263
TOTAL ESTIMATED PROJECT COSTS	(Estimated Costs + Escalation Cost Increase)		\$31,653,895
APPROVED BY:	TITLE: Direct	tor of Campus Operations	DATE
UNC Asheville			
STATE OF NOR	RTH CAROLINA - DEPARTMENT OF ADMINIS	STRATION	Form OC-25

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

(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.

The University of North Carolina Request for New or Increase in Capital Improvement Project

Ins	titution: U	niversity of North Carolin	a at Charlotte	Advance Planning Request: X			
	rease in Authorization for ject Title: Sycamore H	rom: \$ to \$ Iall Renovation		New Capital Project*:			
Pro	oject Cost: Advanced I	Planning Request of \$420	,000 (Total Project Cost \$4,	200,000)			
So	urce of Funds: Carry Fo	orward and Facilities & A	dministrative (F&A) Receip	ts			
	this project has previou hority is carried. Code_		authority, please identify co	ode/item number under which that			
Fo	r each advance planniı	ng project or capital con	struction project, please p	rovide the following:			
1.	A detailed project desc	cription and justification:					
	effective to renovate the space is needed on can repurposing into office selective repairs such a will include the replace.	ne structure as a residence inpus for administrative fu e space makes fiscal sense as a new roof and general	hall and a subsequent secton nctions, it was determined to the continuous transfer of the continuous t	ed in 2012 indicated that it is not cost r 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 acquisi (a completed OC-25 fo		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			
	Construction Complete	e 11/1/2016	Occupy	1/1/2017			
5.			and source of funding to su er for capital construction or	pport these costs, including personnel, nly):			
	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 revenue (Answer for capital co		ved from the project, coveri	ng the first five years of operation			

7. An explanation of the means 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.)

DEPARTMENT and DIVISION:	UNC Charlotte				DATE: 1	10/26/15
PROJECT IDENTIFICATION:	PROJECT IDENTIFICATION: Sycamore Hall Renovation			_		
PROJECT CITY or LOCATION:	Charlotte, NC					
PROJECT DESCRIPTION & JUSTIFICATION	N: Sycamore Hall was completed in	1981 as a residence ha	all. A study con	ducted in 20	12 indicated that it is	not cost effective to
renovate the structure as a residence hall and a subscostly renovation and repurposing into office space mweatherproofing to support continued long term use. to current code and ADA compliance.	equent sector study slated it for demol akes fiscal sense. The envelope is rela	ition. As space is neede atively stable and would	ed on campus i d benefit from s	for administra elective repa	ative functions, it was iirs such as a new ro	s determined that a less of and general
CURRENT ESTIMATED CONSTRUCTION	COST	QTY	UNIT	COST	PER UNIT	TOTAL
A. Land Requirement	0001					\$0
B. Site Preparation		<u> </u>				
1. Demolition						\$0
2. Site Work						\$0
C. Construction						
 Utility Services 						\$0
Building Construction (new spa	ce)					\$0
Building Construction (existing)		22,104.11		\$	55.42	\$1,225,010
4. Plumbing (new space)		22,104.11		\$	20.00	\$442,082
5. HVAC (new space)	Ctudio)	22,104.11 22,104.11		\$	25.00 20.00	\$552,603 \$442,082
6. Electrical (Includes TV & Radio7. Fire Supression and Alarm Sys		22,104.11	SF	Þ	20.00	\$442,082
8. Telephone, Data, Video	CIIIS	22,104.11	SF	\$	15.00	\$331,562
 Associated Construction Costs 		22/101111	0.	Ť	10.00	\$0
10. Other: Project S	upport	1	LS	\$	15,001.00	\$15,001
D. Equipment						
1. Fixed		22,104.11	SF	\$	10.00	\$221,041
2. Moveable		22,104.11	SF	\$	17.00	\$375,770
ESTIMATED CONSTRUCTION COSTS						\$3,605,151
Items below may be calculated by percentage or I	ump sum. If using lump sum, make	entry in \$ field.				
DESIGN FEE	10 % (% of Estir	mated Construction C	`nete)			\$360,515
PRECONSTRUCTION COSTS		nated Construction C		C.M@Risk1	, –	\$0
COMMISSIONING		ple; 1.0% moderate;	-	_	′ <u> </u>	\$54,077
SPECIAL INSPECTIONS/MATERIALS	0 % (1.25% es			,		\$0
SUSTAINABILITY		Gold, 2% LEED Silv	ver)			\$0
-	Includes p	rogramming, feasibili	ty, analysis			
ADVANCE PLANNING	-	mated Construction C				\$0
CONTINGENCIES	5 % (% of Estir	mated Construction C	Costs [3% Ne	w or 5% R8	ιR])	\$180,258
ESTIMATED COSTS (% of Estimated Co	nstruction Costs + Contingencies	, Dosign Fool				\$4,200,000
Escalation = percent per month multiplied by	•	r Design r ee)			<u> </u>	¥ 1/200/000
(From Est. Date to mid-point of construction) General Bldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35	=	8 months mos = .18%	() % per m	onth	
Health Bldgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17			.36%; 48-60 mc	os = .38%		
ESCALATION COST INCREASE (Total of						\$0
TOTAL ESTIMATED PROJECT COSTS	(Estimated Construction Costs + E	scalation Cost Increase	e)			\$4,200,000

The University of North Carolina Request for New or Increase in Capital Improvement Project

Institution:	East Carolina University	Advance Planning Request: X New Capital Project*:
Increase in Authorization	n 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

^{*}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	COST PER UNIT	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

\$0

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

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

ocation:

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

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

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 %)

\$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

	2/ 1 Still	
Signature	Victo 1 cep	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

APPENDIX B by fieldsjo 10. 9/10/2015 12:03:10 PM Interscope (System) 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		4555NBW 5	
10. 9/10/2015 12:03:10 PM Interscope (System) 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		APPENDIX B	
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			
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	10. 9/10/2015 12:03:10 PM	Interscope (System)	•
by fieldsjo 12. 9/10/2015 11:52:11 AM JOHN FIELDS (fieldsjo) Save			
12. 9/10/2015 11:52:11 AM JOHN FIELDS (fieldsjo) Save	11. 9/10/2015 12:03:10 PM	Interscope (System)	·
		` ,	
	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	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	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	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	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	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	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	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	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	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	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	24. 7/22/2015 4:59:57 PM	` '	Save
25. 7/22/2015 4:14:37 PM Michael W Talton (nucanoe) Create	25. 7/22/2015 4:14:37 PM	,	Create

The University of North Carolina Request for New or Increase in Capital Improvement Project

Instit	ution:	UNC Asheville	Advance Planning Request: X
		on from: \$50,000 to \$235,000 th University Union Renovation	New Capital Project*:
Proje	ct Cost: Advance	d Planning Cost \$235,000, estimate	ed Total Project Cost \$11,643,271.
	ce of Funds: Adva by Student Fees.	nced Planning, cash on hand from	Student Activity Fee Reserves, Total Project Debt financed,
		viously had advance planning authorde 41427 Item 303	ority, please identify code/item number under which that
For e	each advance plar	nning project or capital construc	tion project, please provide the following:
1. A	A detailed project of	description and justification:	
additi build or 50 kitche will a stude build reallo cente	ion between the exings, essentially "to for lectures, will en and catering opulso redesign and rent collaboration, even ing with a more operation will especial	sisting Highsmith University Unior bridging" the two facilities. The mal include a pre-function area and stoperations as well as a connection to reallocate existing space within Highengagement and community. Stude pen design to allow for both structually allow for the student art gallery	arge (approximately 6,000sf) multi-purpose room as an and Brown Hall (which serves as the Dining Hall) ulti-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 hismith that will focus on centralizing and promoting nt organizational areas will be brought to the front of the red meeting space as well as fluid gatherings. This y and the Intercultural Center to be relocated front and ll be relocated to areas within the building that are less
	an estimate of acqua completed OC-2		elopment, construction, contingency and other related costs
P	lease see attached	OC-25	
	an estimated schedonstruction only):		the life of the project by FY quarters (Answer for capital
C	Cash flow requiren	nents will be developed as part of the	ne advanced planning study.
A	Advanced planning	dule for the completion of the proje g will begin immediately upon BOO desired completion date of 8/1/18.	ct: G approval and is estimated to be completed by 8/8/16, the

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

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

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: UNC Asheville			DATE:	11/17/15
PROJECT IDENTIFICATION: Highsmith University Unior	Penovation		· DATE. –	11/1//13
PROJECT CITY or LOCATION: PROJECT CITY or LOCATION: Asheville, NC	Trenovation			
PROJECT DESCRIPTION & JUSTIFICATION: This project will include the	he design and construc	tion of a lar	ge (approximately 6.000	Osf) multi-purpose
room as an addition between the existing Highsmith University Union and the two facilities. The multi-purpose room will be able to seat 375 for bar provide direct access to Brown Hall for kitchen and catering operations a will also redesign and reallocate existing space within Highsmith that will community. Student organizational areas will be brought to the front of the sexual well as fluid gatherings. This reallocation will especially allow for the sexual properties.	nquets or 500 for lecture is well as a connection focus on centralizing a he building with a more	es, will inclu to Highsmit nd promotii open desig	ide a pre-function area a th that has other meeting ng student collaboration, n to allow for both struct	and storage, and will g spaces. The project , engagement and tured meeting space
within the student union. Administrative offices will be relocated to areas	within the building that	are less ut	ilized by students.	
(Definitions/explanations are provided on pg 2 to assist in completion of this form	n.)			
CURRENT ESTIMATED CONSTRUCTION COST	QTY	UNIT	COST PER UNIT	TOTAL
A. Land Requirement			Social Industrial	\$0
B. Site Preparation				
1a. Demolition: Multipurpose Room	10,491	sf	\$8.78	\$92,111
1b. Demolition: Pinnacle Office Suite	1,507	sf	\$18.53	\$27,925
1c. Demolition: Student Life Area	15,426	sf	\$20.42	\$314,999
Site Work: Multipurpose Room	10,491	sf	\$66.71	\$699,855
3. Abatement	1 28			\$0
C. Construction				Ф.
Utility Services Ruilding Construction (new energy) Multinumpees Ream	13,586		¢100.74	\$0,577,000
 Building Construction (new space) Multipurpose Room Building Construction (existing) Pinnacle Office Suite 	1,507	sf sf	\$189.74 \$149.96	\$2,577,808 \$225,990
3b. Building Construction (existing) Filmacie Office State 3b. Building Construction (existing) Student Life Area	15,426	sf	\$154.13	\$2,377,609
4. Plumbing (new space)	12,086	sf	\$10.72	\$129,562
5. HVAC (new space)	12,086	sf	\$59.46	\$718,634
6. Electrical (Includes TV & Radio Studio)	12,086	sf	\$24.36	\$294,415
7. Fire Supression and Alarm Systems	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				\$7,749,575
Some items below may be calculated by percentage or lump sum. If using lump sur	m, make entry in \$ field.			
OWNER COSTS			_	40.10.000
	stimated Construction Co	sts)		\$619,966
PROJECT MANAGEMENT 3.5 %			_	\$271,235
LEGAL FEES			-	\$0 \$0
PSNC ENERGY GAS FEE CITY WATER FEE			-	\$(
	ng temporary facilities)		-	\$309,983
	simple; 1.0% moderate; 1.	5% compley	_	\$116,244
,	stimated Construction Co		' - F	\$116,244
GEOTECHNICAL SURVEY	stimated Construction Co	515)	-	\$50,000
HVAC TEST & BALANCE			-	\$50,000
SITE & WATER LINE SURVEY				\$58,796
	uare foot) Multipurpose R	nom	-	\$169,825
	uare foot) Multipurpose R		-	\$132,464
	stimated Construction Co		-	\$232,487
	s desgin cost	·,	-	\$527,326
SUSTAINABILITY 0 % (3% LEED Gold, 2% LEED Silver)				\$0

Includes programming, feasibility, analysis

3 % (% of Estimated Construction Costs)

ADVANCE PLANNING