Authorization of New Capital Improvement Projects – East Carolina University, North Carolina State University, The University of North Carolina at Chapel Hill, The University of North Carolina at Charlotte, and The University of North Carolina at Pembroke

East Carolina University, North Carolina State University, the University of North Carolina at Chapel Hill, the University of North Carolina at Charlotte, and the University of North Carolina at Pembroke have requested authority to establish the following new capital improvement projects.

<u>ECU</u> – Aycock Basement and Exterior Accessibility Improvements: This project will renovate approximately 6,000 square feet of unused basement area to create new student activity space. The project will also provide significant site work to improve accessibility requirements of the Americans with Disabilities Act, improve pedestrian safety with additional exterior lighting, and create pleasant gathering space for students. The project, estimated to cost \$1,705,000 and funded from the housing receipts, will be completed by Fall Semester 2015.

<u>ECU – Transit Facility Site Improvements</u>: This project will create a new bus wash facility to clean the recently acquired ECU buses used to transport athletic teams. An existing building at the ECU Transit Facility will be enlarged and converted to a wash bay and sewage disposal area for the buses. The building will be extended about 25 feet and will include two 16-foot x 14-foot roll-up doors for access. Equipment will be installed to treat the wash water. The existing floor drain system will be modified to handle collection of wash-down water. Necessary heating, electrical service, and lighting will be provided. Site improvements will include paving the motor coach parking area, drive isles, and the NCDOT Commercial Driver's License testing area. The project, estimated to cost \$450,000 and funded from a temporary loan from housing receipts (to be repaid to Housing from transit fees), will be completed by May 2015.

NCSU – Research III HVAC Renovations: This project will provide HVAC equipment repairs and upgrades for the entire 25,325 square-foot Research III Building. A new building controls system will be tied into the monitoring system operated by the Building Maintenance and Operations Division of the University. The entire building will be commissioned upon project completion to ensure operational efficiency. The project, estimated to cost \$500,000 and funded from facilities and administrative receipts, will be completed by August 2015. No additional maintenance and operating funds will be requested as a result of this project completion.

<u>NCSU – Lee Hall Stair Enclosure Upgrade</u>: This project will upgrade the life safety systems in 24,000 square feet of corridors and stairs in Lee Residence Hall. The upgrade is required to comply with applicable sections of the North Carolina Building Code entitled "Special Safety to Life Requirements Applicable to Existing High Rise Buildings." Lee Residence Hall is a nine-story, 187,000 square-foot building that was constructed in 1964. The project, estimated to cost \$500,000 and funded from housing receipts, will be completed by August 2015.

NCSU – Millstone 4-H History and Learning Center: The North Carolina 4-H History and Learning Center is a new 4,500 square-foot building constructed at Millstone 4-H Camp in Richmond County, North Carolina. This multi-purpose one-story building will provide much needed space for summer 4-H camp programs and year-round programs for school groups in thirty-four surrounding counties as well as space for use by the North Carolina Cooperative Extension Service and the North Carolina Wildlife Resources Commission. The project, estimated to cost \$1,500,000 will be funded as follows: \$500,000 in cash from the North Carolina Agricultural Foundation, Inc., a \$250,000 COLE Foundation Grant, and a \$750,000 SECU Foundation Grant. Construction will be completed in January 2015. Maintenance and operating costs for this facility will be funded from non-general fund sources.

<u>UNC-Chapel Hill – Biomedical Engineering Renovations in Phillips Hall</u>: This project will renovate 3,200 square feet of space in Phillips Hall to provide two, reconfigurable classrooms, a rapid prototyping space, and two problem-based learning rooms for the UNC/NCSU Department of Biomedical Engineering. The goals of the space are (a) to create a multifunctional learning space for students, (b) to foster the highest possible standards in education and learning techniques by creating a multi-sensory, interactive, highly-featured classrooms and collaborative learning spaces, and (c) to maintain a fully functional rapid prototyping facility for use by students and departmental design instructors in an effort to create a competitive model engineering student for industry and academia upon graduation. The project estimated to cost \$1,699,000 and funded from facilities and administrative receipts, will be completed by December 2015. No additional maintenance and operating funds will be requested as a result of this project completion.

<u>UNC-Chapel Hill – Murray Hall Laboratory Up-Fits, Rooms 1101 and 3401</u>: This project will upfit two existing shell spaces in Murray Hall (Room 1101: 10,500 square feet; Room 3401: 1,420 square feet) to provide faculty research laboratories, a "Creatorspace" facility, and additional meeting rooms and office space. Laboratories in both rooms will be appropriate for chemical and/or materials science use. The "Creatorspace" in Room 1101 will provide a place where students develop electronic and/or mechanical prototypes, film, wood, plastic and fabric models working with equipment such as 3D printers, robotics, electronics, and wood and metal shop equipment. The project estimated to cost \$3,923,000 and funded from facilities and administrative receipts, will be completed by November 2016. No additional maintenance and operating funds will be requested as a result of this project completion.

<u>UNC-Chapel Hill – Improvements to Athletic Facilities</u>: This project will provide renovations to improve locker, training, and practice facilities at various Olympic Sport venues (new locker room in Woolen Gym for the women's volleyball team, improvements to the visitor's locker room at Boshamer Stadium, batting cage structure at Anderson Softball Stadium for the women's softball team, improvements to the gymnastic teams training area in Fetzer Gym). HVAC and other building systems will be modified and updated as needed to support the 20,210 square feet of renovated space. In addition, the project will construct two permanent shade structures (3,200 square feet) at patio locations of the Loudermilk Center for Excellence at Kenan Stadium. The project estimated to cost \$3,198,000 and funded by the UNC-Chapel Hill Educational Foundation, will be completed by September, 2015. No additional maintenance and operating funds will be requested as a result of this project completion.

<u>UNC-Chapel Hill – Faculty Office Renovations Lineberger Cancer Center</u>: This project will create five faculty office and administrative work stations for principal investigators in immediate proximity to their labs. The renovation of an approximate 3,500 square-foot area disbursed over three floors will require new walls, doors, mechanical, electrical and fire alarm system modifications, and finish upgrades. The project, estimated to cost \$488,000 and funded by the UNC-Chapel Hill University Cancer Research Trust Fund, will be completed by September, 2015. No additional maintenance and operating funds will be requested as a result of this project completion.

<u>UNC-Charlotte – Campus Storm Water Improvements</u>: This improvement project for Davis Lake incorporates Best Management Practices to enhance water quality in compliance with the Clean Water Act. Davis Lake will be rebuilt to include features to capture sediment flowing from impervious surfaces, a 10-foot-wide shelf including water plantings, a new concrete control structure, channel protection, and 10-year storm event weirs to control discharge rates from the pond. The University is governed by the City of Charlotte's Post Construction Controls Ordinance as its regulatory framework for storm water mitigation. This project will give UNC Charlotte the ability to apply for the maximum amount of storm water fee credits and reduce mitigation requirements for new buildings. The project, estimated to cost \$450,000 and funded by FY 2014 carry-forward funds, will be completed by July, 2015. No additional maintenance and operating funds will be requested as a result of this project completion.

<u>UNC-Pembroke – Grace Johnson Stadium Expansion Phase I</u>: This project will add a 500-bleacher-seating section at the south end of Grace Johnson Stadium and construct additional toilet facilities to comply with requirements of the Building Code and the Americans with Disabilities Act. The project, estimated to cost \$905,250, and funded from investment income reserve, auxiliary revenues and athletic fee revenue, and will be completed in August 2015.

<u>Authorization for Advance Planning of New Capital Improvement Projects – North Carolina State University</u>

North Carolina State University has requested authority to establish advance planning of the following project.

<u>NCSU – Cox Hall Scale-Up Classrooms</u>: This request asks for authority to utilize \$25,000 of carry-forward funds for advance planning to renovate office space in Cox Hall into high-technology Scale-Up classrooms and a 100-seat lecture classroom. The project will also address building mechanical systems and toilet facilities. It is estimated that the project will cost \$1,600,000. It is anticipated that the project cost will be funded from facilities and administrative receipts. No additional maintenance and operating funds will be requested.

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

	Request for New	or increase in Cap	oral Improvement Project
Institution:	East Carolina Unive	ersity	Advance Planning Request:
Increase in Authori	zation from: \$ to	n \$	New Capital Project*: X
Project Title: Ayo	ock Basement and Exterior	r Accessibility Impr	ovements
Project Cost: \$1,70	05,000		
Source of Funds: H	ousing Receipts		
	previously had advance p. Code Item		lease identify code/item number under which that
For each advance	planning project or capi	ital construction pr	oject, please provide the following:
A detailed proj	ect description and justific	cation:	
space. The pro		ificant sitework to in	f unused basement area to create new student activity nprove ADA accessibility to building, improve hering space for students.
	acquisition, planning, des pital construction only and		nt, construction, contingency and other related costs ed OC-25 form)
Design	\$ 172,875		
Site Improven			
Renovations	\$ 1,098,000		
Contingency	\$ 69,150		
Special			
Inspections a	nd		
Materials Tes	,		
	Total \$ 1,705,000		
en e			
An estimated s construction or		irements over the lif	fe of the project by FY quarters (Answer for capital
FY 2014-15	Q2 \$ 100,000		
FY 2014-15			
FY 2014-15 FY 2015-16			
1 1 2010-10	$\mathbf{x}_1 = \mathbf{y}_{1_1} \mathbf{y}_0 \mathbf{y}_0 \mathbf{y}_0 \mathbf{y}_0$		

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

Total \$1,705,000

Q2

\$ 230,000

FY 2015-16

Construction to begin May 11, 2015 and complete approximately August 5, 2015

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 change in operating cost.
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 change in revenue derived from this project.

7. An explanation of the means of financing:

Housing receipts

STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE DECARD REPORT RENOVATION OF CARDIAL IMPROVEMENT PROJECTION

Form OC-25 (Rev 05/12)

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

DEPARTMENT and DIVISION: East Carolina University PROJECT IDENTIFICATION: Aycock Basement and Exterior PROJECT CITY or LOCATION: Greenville, NC				Accessibility Improvements DATE: 08/04/14				
	JECT DESCRIPTION & JUSTIFICATI		necessary to indi	icate need, size, fund	ction of improve	ments as w	ell as a master p	 lan.)
Reno	vate 6,000 square feet of existing, unussibility to building, improve exterior lig	ised basement area t	o create new s	space for studen	t activities. Ir	ncludes si	gnificant sitev	
(Defin	itions/explanations are provided on pg 2 t	o assist in completion o	this form.)					
	RENT ESTIMATED CONSTRUCTION	•	,	QTY	UNIT	COST	PER UNIT	TOTAL
A.	Land Requirement			, , , , , , , , , , , , , , , , , , ,				\$0
B.	Site Preparation							
	1. Demolition			11	lot	\$	20,000.00	\$20,000
	2. Site Work			1	lot	\$	140,000.00	\$140,000
C.	Construction							
	Utility Services							\$0
	Building Construction (new spa							\$0
	Building Construction (existing	-heavy reno)		4000	SF	\$	200.00	\$800,000
	4. Plumbing (new space)	•						\$0
	5. HVAC (new space)	· (14)						\$0
	6. Electrical (Includes TV & Radio7. Fire Supression and Alarm Sys							\$0 \$0
	8. Telephone, Data, Video	5101115		6000	SF	\$	8.00	\$48,000
	Associated Construction Costs	(light reno)		2000	SF	\$	125.00	\$250,000
	10. Other: Site walls, landscape, h			1	lot	\$	125,000.00	\$125,000
D.	Equipment			•	<u></u>	<u> </u>		,
	1. Fixed							\$0
	2. Moveable							\$0
ESTI	MATED CONSTRUCTION COSTS							\$1,383,000
Items	below may be calculated by percentage or I	ump sum. If using lump	sum, make entry	y in \$ field.				
DESI	GN FEE	12.5 %	(% of Estimate	ed Construction C	osts)		Ī	\$172,875
PRE(CONSTRUCTION COSTS	 %	(% of Estimate	ed Construction C	osts [1% for C	M@Risk])	\$0
COM	MISSIONING	%	(0.5% simple;	1.0% moderate; 1	1.5% complex)		\$0
SPE	CIAL INSPECTIONS/MATERIALS	(\$80,000						
	ING/GEOTECHNICAL	allowance) %	(estimated)					\$80,000
SUS	TAINABILITY			old, 2% LEED Silve	er)			\$0
ADV	ANCE PLANNING			ramming, feasibilit		of Est. Co	onst. Cost)	\$0
CON	TINGENCIES	 5 %		ed Construction C				\$69,150
ESTI	MATED COSTS (% of Estimated C	onstruction Costs + Cor	ntingencies + D	esign Fee)				\$1,705,000
Esca	fation = percent per month multiplied b	y number of months						(rounded)
(Fron	Est. Date to mid-point of construction)	=		months		% per m	onth	
Genera	al Bldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-3	5 mos = .12%; 36-47 mos = .	16%; 48-60 mos =	- ,18%				
	Bidgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17			.33%; 36-47 mos = .3	6%; 48-60 mos =	38%	I	^
ESC/	ALATION COST INCREASE (Total of	Estimated Costs x Es	calation %)				_	\$0
TOT	AL ESTIMATED PROJECT COSTS	(Estimated Costs + Es	scalation Cost Inc	crease)				\$1,705,000
نص م	DOVED DV:			TITLE Blocks 5	Cadilitias Free 2	Anni O'	200	DATE
WLLL	ROVED BY:		_	TITLE: Director, F	aunues Engl &	VIOLOGIAIO	<i>,</i> ⊏ວ	DI CI L

(Governing Board or Agency Head)

The University of North Carolina

	Request for New or Increase in (Capital Improvement Project
Institution:	East Carolina University	Advance Planning Request:
Increase in Author	orization from: \$ to \$	New Capital Project*: X
Project Title: EC	U Transit Facility-Site Improvements	
Project Cost: \$45	50,000	
Source of Funds:	Housing receipts as a temporary loan to 1	Transit (both Student Affairs organizations)
	s previously had advance planning authority d. Code Item	y, please identify code/item number under which that
For each advance	e planning project or capital construction	project, please provide the following:
cleaning of r Facility site building will project will t treatment eq heater will b	recently acquired ECU Athletics buses. An will be enlarged and converted to a wash led be extended approximately 25 feet and in modify the existing floor drain system for juipment to soften and deionize water use he installed as well as lighting and electricate paving the motor coach bus parking area	oject will create a new bus wash facility to support in existing building on the existing ECU Transit bay & sewerage disposal area for the buses. The include two 16' x 14' roll up doors for access. The collection of the wash down water and install in d for final rinsing during the wash process. A gas all service as necessary. Site improvements will made in the include the NCDOT Commercial Driver's
	of acquisition, planning, design, site develop capital construction only and include a comp	ment, construction, contingency and other related costs pleted OC-25 form)
Design Construction Contingency Materials Te	\$ 18,761 esting \$ 3,214 Total \$ 450,000	
3. An estimated construction		e life of the project by FY quarters (Answer for capital
FY 2014-: FY 2014-: FY 2014-: FY 2015-:	15 Q3 \$ 101,725 15 Q4 \$ 262,755 16 Q1 \$ 59,120 Total \$ 450,000	
	schedule for the completion of the project:	constant Constant of the second

Design: 7 weeks; SCO approval: 4 weeks; Bidding: 3 weeks; Construction: 16 weeks

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):

This is a receipts supported project that requires no State funds for maintenance.

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):

NA

7. An explanation of the means of financing:

Student Affairs Receipts

STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE

Form OC-25 (Rev 05/12)

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

DEPARTMENT and DIVISION: PROJECT IDENTIFICATION:	East Carolina Unive	y - Site Improv	vements		-	DATE:	08/12/14	·············
PROJECT CITY or LOCATION:	285 Easy Street, G							
PROJECT DESCRIPTION & JUSTIFICATION								
This project will create a new bus wash factor Transit Facility site will be enlarged and co 25 feet and include two 16' x 14' roll up do and install treatment equipment to soften a lighting and electrical service as necessary NCDOT Commercial Driver's License testi	nverted to a wash bay ors for access. The pro- ind deionize water use or. Site improvements of	& sewerage of the second of th	disposal area for fy the existing f ing during the v	or the buses loor drain sy wash proces	. The bookstem for s. A ga	uilding will be ex r collection of the s heater will be i	ended approxima wash down wate nstalled as well as	ately er s
(Definitions/explanations are provided on pg 2 t		this form.)						
CURRENT ESTIMATED CONSTRUCTION	N COST		QTY	UNIT	cos	T PER UNIT	TOTAL	
A. Land Requirement B. Site Preparation			<u></u>	<u> </u>				\$0
1. Survey			1	lot	\$	2,225.00	\$2	2,225
2. Site Work			1	lot	\$	116,306.00	\$116	
C. Construction				<u> </u>	1	<u> </u>		
Utility Services							, , , , , , , , , , , , , , , , , , , 	\$0
2. Building Construction (new sp.	ace)		750	SF	\$	186.10	\$139	9,575
Building Construction (existing	-heavy reno)							\$0
4. Plumbing (new space)					<u> </u>	40.555.00		\$0
5. Water Treatment System	0: 1:)		1	LS	\$	10,575.00	\$10	0,575
 Electrical (Includes TV & Radi Other: Add Alternate - Paving 	o Studio)		ļ	LS	\$	103,620.00	¢103	\$0 3,620
D. Equipment					ĮΨ	100,020.00	Ψ100	,,020
1. Fixed					T		<u> </u>	\$0
2. Moveable							**************************************	\$0
ESTIMATED CONSTRUCTION COSTS							\$372	2,301
Items below may be calculated by percentage or	lump sum. If using lump	sum, make enti	ry in \$ field.			_		
DESIGN FEE	15.0 %	1% of Estimate	ed Construction (Costs)		Γ	\$55	5,845
PRECONSTRUCTION COSTS	%	,	ed Construction (,	CM@Ris	ski) F	, , , , , , , , , , , , , , , , , , ,	\$0
COMMISSIONING	%	•	1.0% moderate;	-	_	1		\$0
SPECIAL INSPECTIONS/MATERIALS	(\$3,000					ļ		
TESTING/GEOTECHNICAL	allowance) %	(estimated)					\$3	3,200
SUSTAINABILITY	 %	•	old, 2% LEED Silv	ver)		-		\$0
ADVANCE PLANNING	%	Includes progr	ramming, feasibil	ity, analysis (% of Est.	Const. Cost)		\$0
CONTINGENCIES	5 %	(% of Estimate	ed Construction (Costs (3% Ne	w or 5%	R&R])	\$18	8,615
ESTIMATED COSTS (% of Estimated 0	Construction Costs + Co	ntingencies + D	esion Fee)				\$450	0,000
Escalation = percent per month multiplied		rangenelee b	50tg/- 1 55/			L		nded)
(From Est. Date to mid-point of construction) =		months		% per	month	·	ĺ
General Bidgs: 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 %; 12-1	7 mos = .26%; 18-23 mos = .	29%; 24-35 mos =	: .33%; 36-47 mos =	: .36%; 48-60 m	os = .38%	_		
ESCALATION COST INCREASE (Total of	of Estimated Costs x Es	calation %)						\$0
TOTAL ESTIMATED PROJECT COST	S (Estimated Costs + E	scalation Cost Inc	crease)				\$450	0,000
APPROVED BY: John Full	b		TITLE: Director,	<u>Facilities Engr</u>	& Arch S	ervices	DATE 8-12	<u>.~ 4</u>
(Doverning Board or Age	ency Head)							

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

Ins	titution: North Carolina State University	Advance Planning Request:
Inc Pro	rease in Authorization from: \$ to \$ oject Title: Research 3 HVAC Renovations	New Capital Project*: X
Pro	oject Cost: \$500,000	
Sou	urce of Funds: F&A	
	this project has previously had advance planning authority, please identify cohority is carried. Code Item	de/item number under which that
For	r each advance planning project or capital construction project, please p	ovide the following:
1.	A detailed project description and justification:	
	This project will design and implement HVAC equipment repairs and upuilding, which consists of 25,325 SF. A new building controls system Building Maintenance and Operations division for easy monitoring. The upon project completion to ensure efficiency.	will be tied into the University's
2.	An estimate of acquisition, planning, design, site development, construction (Answer for capital construction only and include a completed OC-25 form)	
	See attached OC-25	
3.	An estimated schedule of cash flow requirements over the life of the project construction only):	by FY quarters (Answer for capital
	FY 2015: 1Q \$4,773 2Q \$23,227 3Q \$327,648 4Q \$84,3: FY 2016: 1Q \$60,000	52
4.	An estimated schedule for the completion of the project:	
	Design Start: 9/17/14 Design Complete: 12/17/2014 Construction Start: 1/12/15 Construction Complete: 7/27/15	
5.	An estimate of maintenance and operating costs and source of funding to sup covering the first five years of operation (Answer for capital construction on	
	N/A	
6.	An estimate of revenues, if any, likely to be derived from the project, coveri (Answer for capital construction only):	ng the first five years of operation
	No revenues are expected to be derived from this project.	
7.	An explanation of the means of financing:	

This project will be funded by University F&A.

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

Form OC-25

DATE: 07/01/14

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

North Carolina State University

DEPARTMENT and DIVISION:

		AC improvement	s				
	Raleigh - Center						
PROJECT DESCRIPTION & JUSTIFICATION:	(Attach add'i data	as necessary to indic	cate need, size, fun	ction of impro	rements as w	all as a master plan.)
This project will upgrade and repair controlls ar	d HVAC equip	ment to increase	comfort and in	prove effec	iencies for	the building syst	lem.

(Definitions/explanations are provided on pg 2 to as		of this form.)					
CURRENT ESTIMATED CONSTRUCTION CO	ST		QTY	UNIT	COST	PER UNIT	TOTAL
A. Land Requirement							\$0
B. Sile Preparation							
1. Demolition							\$0
2. Site Work							\$0
C. Construction		,					
Utility Services							\$0
Building Construction (new space)		ļ					\$0
Building Construction (existing)			25,482	sf	\$	1.00	\$25,482
Plumbing (new & existing space) NAC (existing space)							\$0
5. HVAC (existing space)			25,482	sf	\$	12.00	\$305,784
 Electrical (existing space) Fire Supression and Alarm Systems 	n (nov. 9 oviatio		25,482	sf	\$	3.60	\$91,735
8. Telephone, Data, Video (new & exi		g space)					\$0
Associated Construction Costs	sting space;	}	- 1	lump sum	\$	E 07E 00	\$0
10. Other: Security		ļ-		iomp som	٦	5,075.00	\$5,075
D. Equipment		L			l	<u>l</u>	\$0
1. Fixed	•	Г	1				\$0
2. Moveable		ŀ					\$0 \$0
ESTIMATED CONSTRUCTION COSTS		L	· ···· · · · · · · · · · · · · · · · ·		<u></u>		\$428,076
Items below may be calculated by percentage or lump s	um. If using lump	sum, make entry ir	n \$ field.			L	ψ 120 ₁ 01 0
DESIGN FEE		(% of Estimated					\$42,808
PRECONSTRUCTION COSTS		(% of Estimated				L	\$1,284
COMMISSIONING		(0.5% simple; 1.		5% complex)			\$6,421
SPECIAL INSPECTIONS/MATERIALS		(1.25% estimate					\$0
SUSTAINABILITY	%	(3% LEED Gold,	2% LEED Silver)			\$0
		Includes progran	nming, feasibility,	analysis			
ADVANCE PLANNING	%	(% of Estimated	Construction Cos	its)			\$0
CONTINGENCIES	5 %	(% of Estimated	Construction Cos	te 1394 Now	ar 50/ 10 9.01	, -	\$21.404
ON THE CONTROL OF THE		(No Ci Estillated	Construction Cos	NS IOW INSM	ui om nanj	' 	\$21,404
ESTIMATED COSTS (% of Estimated Construc	rtion Casts + Cou	atinganciae + Daei	an Eno)			İ	\$499,993
Escalation = percent per month multiplied by num		mildelines a nesit	Autee)			<u> </u>	3488,883
(From Est. Date to mid-point of construction) =	JCI OI MORILIS	6	montho	۸۱	14 norman	L	
General Bidgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 mos =	12%: 36.47 mos =	16% // 48 60 max = 10	months _		% per mon	1t	
Control 210gs 6 17 1100 - 674, 10 20 1100 - 10770, 21-02 1100 -	.1270; 00 Hr mod	10 76, 40-00-1100 - 100 11	176				
Health Bidgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 mos = .2	6%; 18-23 mos = .29	9%; 24-35 mos = .33%	%; 36-47 mos = .36%	; 48-60 mos = .	38%		
ESCALATION COST INCREASE (Total of Estima	ited Costs x Esc	alation %)					\$0
TOTAL ESTIMATED PROJECT COSTS (Es							
TOTAL ESTIMATED PROJECT COSTS (Es	ımated Costs + Es	calation Cost Increas	se)			-	\$499,993
APPROVED BY:		T-11	Ti C - 1 Salisana 25 - 4 -			DATE	7.7.12
(Governing Board or Agency Head	1		TLE University Ar	cnitect		DATE	1-1-5-
(covering board or Agency field	J						

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

Insti	itution:	NC State Uni	versity	Advance Planning Request:
Incr	ease in Authoriza	ation from: \$	to \$	New Capital Project*: X
Proj	ect Title: Lee H	all Stair Enclosur	e Upgrade	
Proj	ect Cost: \$500,	000		
Sou	rce of Funds: Ho	ousing Receipts		
		reviously had adv Code		hority, please identify code/item number under which that
For	each advance p	lanning project o	or capital constru	action project, please provide the following:
1.	A detailed project	ct description and	justification:	
	24,000 SF of cor	ridor and stair up		comply with the NC Building Code. Project scope includes 767 GSF Lee Residence Hall. The 9-story building was
	An estimate of a (a completed OC		ng, design, site de	velopment, construction, contingency and other related costs
	See attached OC	-25.		
	An estimated scl construction only		w requirements ov	ver the life of the project by FY quarters (Answer for capital
		39,612; Q4 \$24 153,912; Q2 - \$5	40,210; 0,744; Q3 - \$15,52	22
4.	An estimated scl	nedule for the con	npletion of the pro	ject:
	Design Start: 10/ Construction Sta		Design Comp Construction	olete: 2/11/15 Complete: 7/31/15
				source of funding to support these costs, including personnel, or capital construction only):
	None.			
		evenues, if any, li		from the project, covering the first five years of operation
	No new revenue	s will be derived	from the implemen	ntation of this project.
7.	An explanation of	of the means of fir	nancing:	
	_	– NCSU Housing	_	

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)

	MENT and DIVISION:	NC State Univers					DATE:	08/05/14
	T IDENTIFICATION:	Lee Hall: Stair Er			grade			
	T CITY or LOCATION:	Central Campus						
	T DESCRIPTION & JUSTIFICATIO							
The proje	ect will upgrade the life safety syster	ns to comply with t	he NC Building	Code, Project s	scope includ	es 24,000	SF of corrido	r and stair upgrades in
the 187,	767 GSF Lee Residence Hall. The	9-story building wa	s constructed	<u>in 1964. The pro</u>	ject does no	t add GS	<u>F.</u>	
/Defettee								****
	s/explanations are provided on pg 2 to a IT ESTIMATED CONSTRUCTION (t this form.)	OTV	1 1 1 1 1 T	1 000	nen iliiw I	
	and Requirement	2081		QTY	UNIT	COST	PER UNIT	TOTAL
	ite Preparation			Ĺ		1		\$0
	. Demolition					T	r	\$0
2	Site Work					 		\$0
C. C	onstruction				· · · · · · · · · · · · · · · · · · ·			
1,	Utility Services					T		\$0
2.	7 (, ,	9)						\$0
3.	3			24000	GSF	\$	10.00	\$240,000
4.	3 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			0.1000		<u> </u>		\$0
5. 6.	. 5/			24000 24000		\$	3.25	\$78,000
	Fire Supression and Alarm Syste	me		24000		\$ \$	2.00 2.50	\$48,000
8.	•	1110		24000	001	Ψ	2.00	\$60,000 \$0
9.	Associated Construction Costs			1	lump sum	\$	6,609.00	\$6,609
10). Other:						0,000.00	φο,600 \$0
	quipment		_			<u> </u>	<u>-</u>	40
	Fixed							\$0
2.	Moveable			<u> </u>		·		\$0
	ED CONSTRUCTION COSTS						L	\$432,609
items below	may be calculated by percentage or lump	sum. Ir using lump	sum, make entry	in \$ field.				
DESIGN F	:FF	10 %	(% of Estimate	d Construction Co	oto)			642.004
	STRUCTION COSTS			d Construction Co		de Diele V	-	\$43,261 \$2,500
COMMISS		%	(0.5% simple:	1.0% moderate; 1.	5% compley)	AIGGL/1941)	-	\$2,500
SPECIAL	INSPECTIONS/MATERIALS	%	(1.25% estima		o io comploxy		-	\$0
SUSTAINA	ABILITY	%		d, 2% LEED Silve	r)		-	\$0
				amming, feasibility	•		F	Ψο
ADVANCE	PLANNING	%		d Construction Co				\$0
CONTING	 ENCIES		•		,	-4	<u>-</u>	***************************************
DVNTING		J 70	(% or ⊑sumate	d Construction Co	sis [3% New o	or 5% R&F	₹]}	\$21,630
ESTIMATE	ED COSTS (% of Estimated Cons	truction Costs 4 Con	tingopoice i Dec	sian Eool			İ	@E00.000
	= percent per month multiplied by no		migenoies + Des	sign ree)			_ <u>L</u>	\$500,000
	Date to mid-point of construction) =		9	months	o ·	% per mo	nth	
	: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 mo	s = .12%; 36-47 mos =	.16%: 48-60 mos =			w ber mo	111,11	
	0-5 mos = .18%; 6-11 mos = .22 %; 12-17 mos			33%; 36-47 mos = .38	6%; 48-60 mos :	38%		
SUALAH	ON COST INCREASE (Total of Esti	mated Costs x Esc	alation %)				L	\$0
TOTAL ES	STIMATED PROJECT COSTS	(Estimated Costs + Esc	alation Cost Incre	ase)				\$500,000
	-			-,				
\PPROVE	DBY: thatim			TITLE Universit	v Architect		<u>D#</u>	TE 8.6.14
	(Governing Board or Agency H	ead)						

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

Ins	titution: NC State University		Advance Planning Request:
	crease in Authorization from: \$ to \$ to \$ to \$ to \$ to \$ to \$		New Capital Project*: X
Pro	pject Cost: \$1,500,000		
So	urce of Funds: NC Agricultural Foundation	, Inc. cash and grants	
	this project has previously had advance pla chority is carried. Code Item		dentify code/item number under which that
	r each advance planning project or capita		please provide the following:
1.	A detailed project description and justifica	ation:	
	4-H Camp in Richmond County, NC. The	multi-purpose one-story programs for school grou	4500SF building to be constructed at Millstone building will provide much needed space for ups in 34 surrounding counties, as well as spacedlife Resources Commission.
2.	An estimate of acquisition, planning, design	gn, site development, co	nstruction, contingency and other related costs)
	See attached OC-25.		
3.	An estimated schedule of cash flow requir construction only):	rements over the life of the	he project by FY quarters (Answer for capital
	FY 2015: 2Q - \$41,972; 3Q - \$40,560; 4Q FY 2016: 1Q - \$527,391; 2Q - \$405,219; 3 FY 2017: 1Q - \$25,944		9,875
4.	<u> </u>	of the project: sign Complete: 2/28/14 nstruction Complete: 1/3	1/15
5.	covering the first five years of operation (ding to support these costs, including personne ruction only):
	N/A		
6.	An estimate of revenues, if any, likely to be (Answer for capital construction only):	oe derived from the proje	ect, covering the first five years of operation
	The building will be the arrival and progra Camp. Fees will be collected for the use o		y of programs and events at Millstone 4-H i revenue is \$31,500 per year.
	\$31,500 x 5 years = \$157,500)	
7.	An explanation of the means of financing:	· :	

Project funding: \$500,000 - Cash from NC Agricultural Foundation, Inc. \$250,000 - COLE Foundation Grant \$750,000 - SECU Foundation Grant \$1,500,000 Total Project Budget

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)

	ARTMENT and DIVISION: JECT IDENTIFICATION:	North Carolina Sta		<u> </u>		_	DATE:	07/25/14
	JECT CITY or LOCATION:	NC 4-H History & Ellerby, Richmond						
PRO	JECT DESCRIPTION & JUSTIFICATI	UN: (Attach add'i data as	necessary to indic	ate need, size, fun	ction of improve	ements a	s well as a master ;	olan.)
The N	lorth Carolina 4-H History & Learning	Center will be a new	4500 GSF build	ing to be const	ructed at Mil	stone 4	-H camp in Ricl	amond County, NC.
the n	nulti-purpose one-story building will pr	ovide much needed s	pace for summe	er 4-H camp pro	ograms, year	r-round	programs for so	shool aroung in 34
surro	unding counties, as well as space fore	use by the NC Coop	<u>erative Extension</u>	on Service and	the NC Wild	ife Res	ources Commis	sion.
	itions/explanations are provided on pg 2 t		f this form.)		·			
	RENT ESTIMATED CONSTRUCTION	I COST		QTY	UNIT	COS	TPER UNIT	TOTAL
A.	Land Requirement							\$0
В.	Site Preparation				Υ			
	1. Demolition							\$0
_	2. Site Work			1	lump sum	\$	60,000,00	\$60,000
C.	Construction		1			·		
	Utility Services		J		lump sum	\$	60,000.00	\$60,000
	Building Construction (new spa		ļ	4500	GSF	\$	120.00	\$540,000
	Building Construction (existing))						\$0
	4. Plumbing (new space)			4500	GSF	\$	20.00	\$90,000
	5. HVAC (new space)			4500	GSF	\$	30.00	\$135,000
	6. Electrical (new space)			4500	GSF	\$	28.00	\$126,000
	7. Fire Supression and Alarm Sys			4500	GSF	\$	5.00	\$22,500
	8. Telephone, Data, Video (new			4500	GSF	\$	11.00	\$49,500
	Associated Construction Costs			1	lump sum	\$	71,348.00	\$71,348
_	10. Other:		_ [\$0
D.	Equipment		F	· ·				
	1, Fixed				lump sum	\$	90,000.00	\$90,000
	2. Moveable			1	lump sum	\$	60,000.00	\$60,000
	MATED CONSTRUCTION COSTS							\$1,304,348
Items b	elow may be calculated by percentage or i	ump sum. If using lump	sum, make entry	in \$ field.	•			
	ON FEE	10 %	(% of Estimated	l Construction Co	osts)		ŗ	\$130,435
PREC	ONSTRUCTION COSTS	1 %	(% of Estimated	I Construction Co	osts [1% for C	M@Risk	g) [\$13,043
COMN	MISSIONING	%	(0.5% simple; 1	.0% moderate; 1	.5% complex)	·	\$0
SPEC	IAL INSPECTIONS/MATERIALS	1 %	(1.25% estimate	ed)			F	\$13,043
SUST	AINABILITY	%	(3% LEED Gold	l, 2% LEED Silve	er)		F	\$0
				mming, feasibilit	•		ŀ	
ADVA	NCE PLANNING	%	(% of Estimated	l Construction C	y, arrarysis netel			**
	•				-		-	\$0
CONT	INGENCIES	3 %	(% of Estimated	Construction Co	osts [3% New	or 5% R	&R])	\$39,130
ESTIM	ATED COSTS (% of Estimated C	onstruction Costs + Cor	ntingencies: + Des	ion Eee\				£4 ED0 000
	ition = percent per month multiplied b		imigoriales . Des	ngn r ccj			L	\$1,500,000
	Est. Date to mid-point of construction)	•	12	months	0	0/	54.	
•	Bldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 a			months .	<u> </u>	% per n	nontn	
	dgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 m			; 36-47 mos = .36%;	48-60 mos = .38	1%		
ESCA	ATION COST INCREASE, (Total of	Estimated Costs x Esc	calation %)				F	\$0
TOTA	L ESTIMATED PROJECT COSTS	(Estimated Costs + Es	calation Cost local	ace)			r	
111		(-commica com + Es	-cuation oval into a	aac)			L	\$1,500,000
APPRO	OVED BY: Luc I'M			TITLE University	Architect		Đ	ATE 7.25.14
	(Governing Board or Agen	cy Head)					 =	

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

Ins	titution:	The University o	f North Caroli	na at Chapel Hi	11		nning Request _		
Inc	rease in Auth	orization from: \$ 0	to \$1,699.00	00		New Ca	pital Project*:	X	
Pro	ject Title: Bi	iomedical Engineering Re	enovations in $\frac{1}{2}$	Phillips Hall					
Pro	oject Cost: \$	1,699,000							
Soi	urce of Funds	: F&A Funds							
		as previously had advanced. CodeIter		thority, please ic	tentity co	de/item numbe	r under which tha	ıt	
For	r each advan	ce planning project or c	apital constr	uction project,	please pr	rovide the follo	wing:		
1.	A detailed p	roject description and jus	tification:						
	courses in the classrooms, to create a m standards in classrooms a for use by st	CSU Department of Biorne undergraduate program a rapid prototyping spaculti-functional reconfigueducation and learning to and collaborative learning udents and departmental andustry and academia upon	n. The 3,200S e, and two prograble learning echniques by of g spaces, and (design instruc	F space to be real- blem-based lear space for studer creating a multi- c) to maintain a tors in an effort	novated v rning room nts, (b) to sensory, i fully-fun	will host two, re ms. The goals o o foster the high- interactive, high actional rapid-pr	configurable of the space are (a) est possible only featured rototyping facility	y y	
2.		of acquisition, planning, capital construction only					nd other related c	osts	
	\$1,699,000								
3.		An estimated schedule of cash flow requirements over the life of the project by FY quarters (Answer for capital construction only):							
		Cash Flow Estima	te for Total Pr	oiect Cost	1				
		By end of:	2Q 2015	4Q 2015	1				
		Expected Expenditure:]				
4.	An estimate	d schedule for the comple	etion of the pr	oject:					
	Begin constr	ruction – July 1, 2015; S	ubstantial Cor	npletion – Dece	mber 1, 2	2015			
5.		of maintenance and oper e first five years of operat ation; n/a	-			• •	s, including perso	onnel	
6.		of revenues, if any, likely capital construction only		l from the proje	ct, coveri	ng the first five	years of operatio	n	

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



North Carolina Department of Administration

Pat McCrory, Governor Bill Daughtridge, Jr., Secretary

State Construction Office Gregory A. Driver, PE, Director

OC-25: 201360500243 **Proposed Capital Improvement Project** Biennium: 2011-2013

STATE DEPARTMENT:

Educational Institutions (Universities)

INSTITUTION OR AGENCY:

UNC Chapel Hill

PROJECT IDENTIFICATION:

Biomedical Engineering Renovations in Phillips Hall

PROJECT TYPE:

University Download

CLASSIFICATION:

Repairs, Reroofing, Renovations

PROJECT DESCRIPTION AND JUSTIFICATION: The UNC/NCSU Department of Biomedical Engineering is requesting space for design and laboratory-based courses in the undergraduate program. The 3,200SF space to be renovated will host two, reconfigurable classrooms, a rapid prototyping space, and two problem-based learning rooms. The goals of the space are (a) to create a multi-functional reconfigurable learning space for students, (b) to foster the highest possible standards in education and learning techniques by creating a multi-sensory, interactive, highly featured classrooms and collaborative learning spaces, and (c) to maintain a fully-functional rapid-prototyping facility for use by students and departmental design instructors in an effort to create a competitive model engineering student for industry and academia upon graduation.

<u>ITEM</u>	QTY	<u>UNIT</u>	COST PER UNIT	TOTAL
1. Site Demolition	3200.0	Square Feet	\$15	\$48,000
3. Building Construction (existing)	3200.0	Square Feet	\$33	\$105,600
4. Plumbing (new space)	3200.0	Square Feet	\$35	\$112,000
5. HVAC (new space)	3200.0	Square Feet	\$55	\$176,000
6. Electrical (Includes TV & Radio Studio)	3200.0	Square Feet	\$30	\$96,000
7. Fire Suppression and Alarm Systems	3200.0	Square Feet	\$2	\$6,400
8. Telephone, Data, Video	3200.0	Square Feet	\$106	\$339,200
9. Associated Construction Costs	1.0	Lump Sum	\$56,960	\$56,960
10. Other	1.0	Lump Sum	\$227,840	\$227,840
1. Fixed	3200.0	Square Feet	\$80	\$256,000
2. Moveable	1,0	Lump Sum	\$28,000	\$28,000

ESTIMATED CONSTRUCTION COST:

\$1,452,000

Mailing Address: 1307 Mail Service Center Raleigh, N.C.27699-1307

Telephone (919) 807-4100 Fax (919) 807-4110 State Courier #56-02-01 An Equal Opportunity/Affirmative Action Employer Location:

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

Wor	kflowStep	for Proposed Capital Improvement Project OC-25: 201360500243	Page - 2
DESIGN FEE	10%	(% of Estimated Construction Costs)	\$145,200
PRECONSTRUCTION COSTS	1%	(% of Estimated Construction Costs [1% for CM@Risk])	\$14,520
COMMISSIONING FEE	0%	(0.5% simple, 1% moderate, 1.5% complex)	\$0
SPECIAL INSPECTIONS/MATERIALS	0%	(1.25% Estimated)	\$0
SUSTAINABILITY	0%	(3% LEED Gold, 2% LEED Silver)	\$0
ADVANCE PLANNING	1%	(% of Estimated Costs - includes programming, feasibility, analysis)	\$14,520
CONTINGENCIES	5%	(% of Estimated Costs [3% New or 5% R&R])	\$72,600
ESTIMATED COSTS	•	ed Construction Costs + Design Fee + Preconstruction + Commissioning al + Sustainability + Advance Planning + Contingencies)	\$1,698,840
Escalation %= percent per month multipli (From Est, Date to mid-point of construct	•		
	-	nated Construction Costs x Escalation %)	\$0

COMMENTS:

1. [2014-07-31 10:26:12] thoskins - Save

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

2. [2014-07-31 10:19:54] thoskins - Create

\$1,699,000

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

Ins	titution: The University of North Carolina at Chapel Hill	Advance Planning Request
Inc	crease in Authorization from: \$_0 _ to \\$3,923,000	New Capital Project*: x
Pro	oject Title: Murray Hall 1101/3401 Laboratory Up-fit	
Pro	oject Cost: \$3,923,000	
Sot	urce of Funds: F&A Funds	
	this project has previously had advance planning authority, please identify cohority is carried. Code Item	ode/item number under which that
For	r each advance planning project or capital construction project, please p	rovide the following:
1.	A detailed project description and justification:	
Ro fac for pla mo	rvices for the up-fit of 2 existing shell spaces located at Murray Hall from 3401 (~1,420 sq. ft.) into a collection of faculty research laboratelity, and additional meeting and office space. Laboratories in both chemical and/or materials science use. The "Creatorspace" facility ace where students develop electronic or mechanical prototypes, filrodels, working with equipment such as 3D printers, robotics, electronic uipment.	spaces should be appropriate (Room 1101) will provide a m, wood, plastic and fabric
2.	An estimate of acquisition, planning, design, site development, construction (Answer for capital construction only and include a completed OC-25 form	
See	e OC25	
3.	An estimated schedule of cash flow requirements over the life of the project construction only):	by FY quarters (Answer for capital
Ca:	sh Flow Estimate for Total Project Cost 1Q 2015	2Q 2016 Total \$ 392,300 \$ 3,923,000

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

Begin September 15, 2014 Complete Construction by November 2015

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):

The operating costs will be funded with nongeneral funds.

			Annual	Annual	Annual	Annual	Annual
			Budget	Budget	Budget	Budget	Budget
			2013-14	2014-15	2015-16	2016-17	2017-18
TOTAL - RESERVE FO	OR OPERATION OF						
	MURRAY HALL RENOVATION		\$0	\$0	\$130,062	\$119,001	\$119,001
		R	\$0	\$0	\$119,001	\$119,001	\$119,001
	N	NR	\$0	\$0	\$11,061	\$0	\$0
		=			=======	=======	=======
0180-3300	Utility Inflation Increase		\$0	\$0	\$0	\$0	\$0
	TOTAL WITH UTILITY INCREASE		\$0	\$0	\$130,062	\$119,001	\$119,001

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):

n/a

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



North Carolina Department of Administration

Pat McCrory, Governor Bill Daughtridge, Jr., Secretary

State Construction Office Gregory A. Driver, PE, Director

OC-25: 201360500244
Proposed Capital Improvement Project
Biennium: 2011-2013

STATE DEPARTMENT:

Educational Institutions (Universities)

INSTITUTION OR AGENCY:

UNC Chapel Hill

PROJECT IDENTIFICATION:

Murray Hall Labortory Up-Fit

PROJECT TYPE:

Lab Bldg. (Educ.)

CLASSIFICATION:

Major Renovations

PROJECT DESCRIPTION AND JUSTIFICATION: Prepare advance planning and construction administration services for the up-fit of 2 existing shell space located at Murray Hall 1101 (approx.10,500 sq. ft.) into a collection of scientific laboratories (~55%), a "Creatorspace" facility (25-30%), and additional meeting and office space (15-20%); and Murray 3401 (1,420 approx. sq.ft.). Scientific laboratories in both spaces should be appropriate for chemical and/or materials science use. The "Creatorspace" facility (Room 1101) will provide a place where people develop electronic or mechanical prototypes, film, wood, plastic and fabric models, working with equipment such as 3D printers, robotics, electronics, wood and metal shop equipment.

ITEM	QTY	UNIT	COST PER UNIT	TOTAL.
3. Building Construction (existing)	11920.0	Square Feet	\$55	\$655,600
4. Plumbing (new space)	11920.0	Square Feet	. \$30	\$357,600
5. HVAC (new space)	11920.0	Square Feet	\$45	\$536,400
Electrical (Includes TV & Radio Studio)	11920.0	Square Feet	\$25	\$298,000
7. Fire Suppression and Alarm Systems	11920.0	Square Feet	\$4	\$47,680
8. Telephone, Data, Video	11920.0	Square Feet	\$2	\$23,840
10. Other	1.0	Lump Sum	\$600,000	\$600,000
1. Fixed	1.0	Lump Sum	\$750,000	\$750,000
2. Moveable	1.0	Lump Sum	\$150,000	\$150,000
ESTIMATED CONSTRUCTION COST:				\$3,419,120

Mailing Address:

1307 Mail Service Center Raleigh, N.C.27699-1307 Telephone (919) 807-4100

Fax (919) 807-4110

State Courier #56-02-01

An Equal Opportunity/Affirmative Action Employer

Location:

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

TOTAL ESTIMATED PROJECT COST	S (Estimat	ed Construction Costs + Escalation Cost increase)	\$3,923,000
Escalation %= percent per month multip (From Est, Date to mid-point of construct ESCALATION COST INCREASE = (To	tion) = <u>0</u> n		\$0
ESTIMATED COSTS	•	ted Construction Costs + Design Fee + Preconstruction + Commissioning al + Sustainability + Advance Planning + Contingencies)	\$3,923,439
CONTINGENCIES	3%	(% of Estimated Costs [3% New or 5% R&R])	\$102,573
ADVANCE PLANNING	0.75%	(% of Estimated Costs - includes programming, feasibility, analysis)	\$25,643
SUSTAINABILITY	0%	(3% LEED Gold, 2% LEED Silver)	\$0
SPECIAL INSPECTIONS/MATERIALS	0%	(1.25% Estimated)	\$0
COMMISSIONING FEE	1%	(0.5% simple, 1% moderate, 1.5% complex)	\$34,191
PRECONSTRUCTION COSTS	0%	(% of Estimated Construction Costs [1% for CM@Risk])	\$0
DESIGN FEE	10%	(% of Estimated Construction Costs)	\$341,912
Wo.	'kflowStep	for Proposed Capital Improvement Project OC-25: 201360500244	Page - 2

COMMENTS:

1. [2014-08-01 08:40:15] jguerrie - Save

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

- 2. [2014-08-01 08:26:25] jguerrie Save
- 3. [2014-08-01 08:10:53] jguerrie Create

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

		request for	TION OF I	nerease in Cap	itui impioren	rent i roject
Ins	stitution:	The Universit	y of North	Carolina at Cha	pel Hill	Advance Planning Request
Increase in Authorization from: \$\(\begin{align*} 0 & \frac{\$3,198,000}{\text{title:}} \end{align*} \] Project Title: Improvements to Athletics Facilities						New Capital Project*: X
Pro	oject Cost: \$3,198,0	000				
So	urce of Funds: Educ	cation Foundation	on			
	this project has preventhority is carried. Co				ease identify co	ode/item number under which that
Fo	r each advance plan	nning project o	or capital	construction pr	oject, please p	rovide the following:
1.	A detailed project	description and	justificatio	on:		
	venues. HVAC (20,210 SF). In	and other systaddition, this	tems will project v	be updated as vill install two	needed to supermanent sh	es at various Olympic Sport pport these renovations lade structures at two existing Stadium (3,200 SF)
2.	An estimate of acq (Answer for capita					, contingency and other related costs
	\$3,198,000 (See at	tached OC25)				
3.	An estimated sched construction only):		w requiren	nents over the lif	e of the project	by FY quarters (Answer for capital
		Cash Flow I	Estimate f	or Total Projec	t Cost	
		014-15 3Q 20		4Q 2014-15	1Q 2015-16	
		799,500 \$	799,500	\$ 799,500	\$ 799,500	
4.	An estimated sched		•			
	Begin construction	ı –9/30/14; Sub	stantial Co	ompletion – 9/30	/15	
5.	An estimate of mai					pport these costs, including personnel aly):
	N/A					
6.	An estimate of reve (Answer for capita			derived from the	project, coveri	ng the first five years of operation
	n/a					
7.	An explanation of	the means of fir	nancing:			

Cash- Foundation



North Carolina Department of Administration

Pat McCrory, Governor Bill Daughtridge, Jr., Secretary

State Construction Office Gregory A. Driver, PE, Director

OC-25: 201360500245 **Proposed Capital Improvement Project** Biennium: 2011-2013

STATE DEPARTMENT:

Educational Institutions (Universities)

INSTITUTION OR AGENCY:

UNC Chapel Hill

PROJECT IDENTIFICATION:

Improvements to Athletics' Facilities

PROJECT TYPE:

General Bldg.

CLASSIFICATION:

Repairs, Reroofing, Renovations

PROJECT DESCRIPTION AND JUSTIFICATION: This project will improve the locker, training, and practice facilities at various Olympic Sport venues. HVAC and other systems will be updated as needed to support these renovations (20,210 SF). In addition, this project will install two permanent shade structures at two existing patio locations of the Loudermilk Center for Excellence at Kenan Stadium (3,200 SF)

Compliance with GS 143-135.35 - 143-135.40, Sustainable, Energy Efficient Buildings, is not required.

ITEM	QTY	UNIT	COST PER UNIT	TOTAL
1. Utility Services	1.0	Lump Sum	\$50,000	\$50,000
3. Building Construction (existing)	1.0	Lump Sum	\$2,450,000	\$2,450,000
5. HVAC (new space)	1.0	Lump Sum	\$100,000	\$100,000
10. Other	1.0	Lump Sum	\$169,000	\$169,000
ESTIMATED CONSTRUCTION COST:				\$2,769,000

MorlellowSton	for Proposed	Conital Imag	avament Project	OC 25	201360500245
vvorktiowsteb	tor Proposea	Gabital Impro	ovement Project	**************************************	2013000000240

	red Construction Costs + Design Fee + Preconstruction + Commissioning	\$3,198,195
5%	(% of Estimated Costs [3% New or 5% R&R])	\$138,450
0%	(% of Estimated Costs - includes programming, feasibility, analysis)	\$0
0%	(3% LEED Gold, 2% LEED Silver)	\$0
0%	(1.25% Estimated)	\$0
0.5%	(0.5% simple, 1% moderate, 1.5% complex)	\$13,845
0%	(% of Estimated Construction Costs [1% for CM@Risk])	\$0
10%	(% of Estimated Construction Costs)	\$276,900
_	0% 0.5% 0% 0%	0% (% of Estimated Construction Costs [1% for CM@Risk]) 0.5% (0.5% simple, 1% moderate, 1.5% complex) 0% (1.25% Estimated) 0% (3% LEED Gold, 2% LEED Silver) 0% (% of Estimated Costs - includes programming, feasibility, analysis)

Escalation %= percent per month multiplied by the number of months: (From Est, Date to mid-point of construction) = $\underline{0}$ months @ $\underline{0.00\%}$

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

\$0

Page - 2

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

\$3,198,000

COMMENTS:

- 1. [2014-08-08 15:58:21] mkonishi Submit
- 2. [2014-08-08 15:51:34] mkonishi Save
- 3. [2014-08-08 15:04:58] mkonishi Create

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

	Request for New or increase in Capital improvement rroject
Ins	titution: The University of North Carolina at Chapel Hill Advance Planning Request
III	New Capital Project*: X
	rease in Authorization from: \$ 0 to \$ 500,000
Pro	pject Title: Faculty Offices Renovation-Lineberger Cancer Center
Pro	pject Cost: \$488,000
	urce of Funds: University Cancer Research Trust Fund – for Renovation and Equipment
	this project has previously had advance planning authority, please identify code/item number under which that hority is carried. Code Item
Fo	r each advance planning project or capital construction project, please provide the following:
1.	A detailed project description and justification:
2.	The intent of the project is to create five suites of faculty offices and administrative work stations for principal investigators in immediate proximity to their labs. Expected to enhance workflow, attract new faculty, and assist in faculty retention, these renovated office suites will replace small, windowless offices. The approximately 3500SF area disbursed over three floors will require renovation including walls, doors, ceilings, electrical, fire alarm, mechanical, and finishes upgrades.
3.	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)
4.	See OC25 An estimated schedule of cash flow requirements over the life of the project by FY quarters (Answer for capital construction only):
	Cash Flow Estimate for Total Project Cost
	By End of: 4Q 2014 1Q 2015
	Expected Expenditure \$400,000 \$88,020
5.	An estimated schedule for the completion of the project:
Co	mpleted Construction Documents 07/11/2014; Construction End: 01/20/2015
6.	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
7.	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):
	N/A
8.	An explanation of the means of financing: University Cancer Research Trust Fund – for Renovation and

Equipment



North Carolina Department of Administration

Pat McCrory, Governor Bill Daughtridge, Jr., Secretary State Construction Office Gregory A. Driver, PE, Director

OC-25: 201360500242
Proposed Capital Improvement Project
Biennium: 2011-2013

STATE DEPARTMENT:

Educational Institutions (Universities)

INSTITUTION OR AGENCY:

UNC Chapel Hill

PROJECT IDENTIFICATION:

Faculty Offices Renovation - Lineberger Cancer Center

PROJECT TYPE:

Lab Bidg. (non-Educ.)

CLASSIFICATION:

Repairs, Reroofing, Renovations

PROJECT DESCRIPTION AND JUSTIFICATION: This project will create five suites of faculty offices and administrative work stations for principal investigators in immediate proximity to their labs. The project will enhance workflow, attract new faculty, and assist in faculty retention. The new offices will replace small, windowless offices. The approximately 3,500SF of renovation disbursed over three floors will include new walls, doors, ceilings, electrical, fire alarm, mechanical, and finishes upgrades.

Compliance with GS 143-135.35 - 143-135.40, Sustainable, Energy Efficient Buildings, is not required.

ITEM	QTY	UNIT	COST PER UNIT	TOTAL.
3. Building Construction (existing)	1.0	Lump Sum	\$234,000	\$234,000
5. HVAC (new space)	1.0	Lump Sum	\$75,000	\$75,000
Electrical (Includes TV & Radio Studio)	1.0	Lump Sum	\$90,000	\$90,000
8. Telephone, Data, Video	1.0	Lump Sum	\$14,000	\$14,000
9. Associated Construction Costs	1.0	Lump Sum	\$15,000	\$15,000
ESTIMATED CONSTRUCTION COST:				\$428,000

TOTAL ESTIMATED PROJECT COST	S (Estimated Construction Costs + Escalation Cost increase)	\$488,000	
Escalation %= percent per month multip (From Est, Date to mid-point of construc ESCALATION COST INCREASE = (To	•	\$0	
ESTIMATED COSTS	\$487,920		
CONTINGENCIES	5% (% of Estimated Costs [3% New or 5% R&R])	\$21,400	
ADVANCE PLANNING	0% (% of Estimated Costs - includes programming, feasibility, analysis)	\$0	
SUSTAINABILITY	0% (3% LEED Gold, 2% LEED Silver)	\$0	
SPECIAL INSPECTIONS/MATERIALS	0% (1.25% Estimated)	\$0	
COMMISSIONING FEE	0% (0.5% simple, 1% moderate, 1.5% complex)	\$0	
PRECONSTRUCTION COSTS	0% (% of Estimated Construction Costs [1% for CM@Risk])	\$0	
DESIGN FEE	9% (% of Estimated Construction Costs)	\$38,520	
VVOI	kilowstep for Proposed Capital Improvement Project OC-25. 201360600242	Page - 2	
WorkflowStep for Proposed Capital Improvement Project OC-25: 201360500242			

COMMENTS:

- 1. [2014-08-13 11:01:56] mkonishi Submit
- 2. [2014-07-01 14:47:28] Iflewellen Per Gary Rogers, No renovation money.
- 3. [2014-07-01 14:46:49] Iflewellen Reject
- 4. [2014-06-24 14:15:53] mkonishi Submit
- 5. [2014-06-24 14:15:39] mkonishi Create

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

Ins	titution:	University o	f North Carolina at C	Charlotte	Adv		Planning Request:	
	rease in Authorizati oject Title: Campus		to \$_ Improvements – Dav	_ is Lake		New	Capital Project*: X	
Pro	oject Cost: \$450,000)	. 100					
Soi	urce of Funds: FY 1	4 Carry Forw	vard					
	this project has previously is carried. Co			ority, please ide	ntify code/ite	m nun	nber under which that	
	•		or capital construc	tion project, pl	lease provide	e the f	ollowing:	
1.	A detailed project	description an	d justification:					
	quality in compliant sediment flowing for control structure, curious University is govern framework for story	nce with the Corom impervious hannel protectioned by the Cirm water mitig	ty of Charlotte's Post	vis Lake will be t-wide shelf incomevent weirs to Construction Construction Coill give UNC C	rebuilt to inc luding water to control disc controls Ordin harlotte the a	lude for planting thange nance the bility to be bility to the bility to be bility t	eatures to capture ngs, a new concrete rates from the pond. The (PCCO) as its regulatory to apply for the maximum	
			ning, design, site deve only and include a c			ngenc	y and other related costs	
2.	An estimated sched construction only):	an estimated schedule of cash flow requirements over the life of the project by FY quarters (Answer for capital onstruction only):						
	FY15 QTR 2	\$45,000	FY15 QTR 3	\$200,000	FY15 QT	R 4	\$205,000	
3.	An estimated sched	dule for the co	mpletion of the proje	ect:				
	Design Start	11.	/1/2014	Construction	Start 2	2/1/20	15	
	Construction Comp	plete 6/3	30/2015	Occupy	(5/30/20	015	
4.			operating costs and speration (Answer for			these o	costs, including personne	
5.	An estimate of reve (Answer for capita			rom the project	, covering the	first f	Tive years of operation	
	N/A							
6.	An explanation of	the means of t	financing:					
	FY 14 Carry Forv		-					



North Carolina Department of Administration

Pat McCrory, Governor Bill Daughtridge, Jr., Secretary

State Construction Office Gregory A. Driver, PE, Director

OC-25: 201360500529
Proposed Capital Improvement Project
Biennium: 2011-2013

STATE DEPARTMENT:

Educational Institutions (Universities)

INSTITUTION OR AGENCY:

UNC Charlotte

PROJECT IDENTIFICATION:

Campus Storm Water

PROJECT TYPE:

Area Drainage

CLASSIFICATION:

Repairs, Reroofing, Renovations

PROJECT DESCRIPTION AND JUSTIFICATION: This retrofit storm water project for Davis Lake incorporates Best Management Practices (BMP) to enhance water quality benefits for future buildings and will give UNC Charlotte the ability to apply for the maximum amount of storm water fee credits. The University defers to the City of Charlotte's Post Construction Controls Ordinance (PCCO) as the regulatory framework for storm water mitigation. Davis Lake will be rebuilt to include features forebays to capture sediment that comes off impervious surfaces, a 10-foot-wide littoral shelf including water plantings, a new concrete control structure, channel protection, and 10-year storm event weirs to control discharge rates from the pond.

ITEM	QTY	UNIT	COST PER UNIT	TOTAL
10. Other	29620.0	Square Feet	\$13	\$385,060
11 Project Support	1.0	Lump Sum	\$1,000	\$1,000
ESTIMATED CONSTRUCTION COST:			 	\$386,060

WorkflowStep for Proposed Capital Improvement Project OC-25: 201360500529			
DESIGN FEE	10%	(% of Estimated Construction Costs)	\$38,606
PRECONSTRUCTION COSTS	0%	(% of Estimated Construction Costs [1% for CM@Risk])	\$0
COMMISSIONING FEE	0%	(0.5% simple, 1% moderate, 1.5% complex)	\$0
SPECIAL INSPECTIONS/MATERIALS	0%	(1.25% Estimated)	\$0
SUSTAINABILITY	0%	(3% LEED Gold, 2% LEED Silver)	\$0
ADVANCE PLANNING	1%	(% of Estimated Costs - includes programming, feasibility, analysis)	\$3,860
CONTINGENCIES	5%	(% of Estimated Costs [3% New or 5% R&R])	\$19,303
ESTIMATED COSTS (Estimated Construction Costs + Design Fee + Preconstruction + Commissioning + Special + Sustainability + Advance Planning + Contingencies)			\$447,829
Escalation %= percent per month multipli (From Est, Date to mid-point of construct ESCALATION COST INCREASE = (Total	ion) = <u>0</u> m	onths @ 0.00%	\$0
TOTAL ESTIMATED PROJECT COSTS	(Estimat	ed Construction Costs + Escalation Cost increase)	\$448,000

COMMENTS:

- 1. [2014-08-19 07:53:38] Laurie Mande Save
- 2. [2014-08-19 07:46:40] Laurie Mande Save
- 3. [2014-08-15 17:03:34] Laurie Mande Save
- 4. [2014-08-15 17:02:38] Laurie Mande Save
- 5. [2014-08-15 16:59:51] Laurie Mande Save
- 6. [2014-08-15 16:59:19] Laurie Mande Save
- 7. [2014-08-15 16:58:57] Laurie Mande Save
- 8. [2014-08-15 16:57:22] Laurie Mande Save
- 9. [2014-08-15 16:51:15] Laurie Mande Copied from: Music Annex Building

The University of North Carolina Request for New or Increase in Capital Improvement Project Institution: Advance Planning Request: <u>UNC Pembroke</u> New Capital Project*: Yes Increase in Authorization from: \$ to \$ Project Title: Grace Johnson Stadium Expansion – Phase I Project Cost: \$905,240.00 Source of Funds: Non-General Funds: See attached Project Funding Document *If this project has previously had advance planning authority, please identify code/item number under which that authority is carried. Code Item For each advance planning project or capital construction project, please provide the following: 1. A detailed project description and justification: Addition of seating capacity at Grace Johnson Stadium and code required toilet facility. Stadium bleachers to receive 500 seat section at south end of home side. Additional toilet facility would be located adjacent to new bleacher section to comply with ADA and IBC code requirements. 2. An estimate of acquisition, planning, design, site development, construction, contingency and other related costs (a completed OC-25 form). See 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: Upon BOG approval in June 2014, design work could be completed by end of physical year 2014 and construction could be completed during spring/summer 2015 being ready for fall football season. 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): N/A

7. An explanation of the means of financing: Current funding will finance this project. See attached Project Funding

Document.

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: University of North Carolina at Pembroke DATE: 03.31.14 PROJECT IDENTIFICATION: Grace Johnson Stadium Expansion - Phase I Pembroke, North Carolina PROJECT CITY or LOCATION: PROJECT DESCRIPTION & JUSTIFICATION: (Attach add') data as necessary to indicate need, size, function of improvements as well as a master plan.) (Definitions/explanations are provided on pg 2 to assist in completion of this form.) CURRENT ESTIMATED CONSTRUCTION COST QTY UNIT COST PER UNIT TOTAL \$0 Land Requirement Site Preparation В. \$0 1. Demolition 2. Site Work C. Construction 1. Utility Services \$0 \$496,768 2. Building Construction (new space) 3. Building Construction (existing) \$0 \$284,412 4. Plumbing (new space) \$0 5. HVAC (new space) \$0 6. Electrical (Includes TV & Radio Studio) \$0 7. Fire Supression and Alarm Systems \$0 8. Telephone, Data, Video \$0 9. Associated Construction Costs \$0 10. Other: D. Equipment \$0 1. Fixed \$0 2. Moveable \$781,180 **ESTIMATED CONSTRUCTION COSTS** Items below may be calculated by percentage or lump sum. If using lump sum, make entry in \$ field. \$85,000 % (% of Estimated Construction Costs) **DESIGN FEE** \$5,500 PRECONSTRUCTION COSTS % (% of Estimated Construction Costs [1% for CM@Risk]) \$0 % (0.5% simple; 1.0% moderate; 1.5% complex) COMMISSIONING \$0 % (1.25% estimated) SPECIAL INSPECTIONS/MATERIALS \$0 % (3% LEED Gold, 2% LEED Silver) SUSTAINABILITY Includes programming, feasibility, analysis \$0 % (% of Estimated Construction Costs) ADVANCE PLANNING \$33,570 % (% of Estimated Construction Costs [3% New or 5% R&R]) CONTINGENCIES \$905,250 ESTIMATED COSTS (% of Estimated Construction Costs + Contingencies + Design Fee) Escalation = percent per month multiplied by number of months (From Est. Date to mid-point of construction) = months % per month General Bidgs: 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% ESCALATION COST INCREASE (Total of Estimated Costs x Escalation %) \$0 \$905,250 TOTAL ESTIMATED PROJECT COSTS (Estimated Costs + Escalation Cost Increase) DATE APPROVED BY: TITLE

(Governing Board or Agency Head)

University of North Carolina Pembroke Grace Johnson Stadium Expansion Project Phase I Project Budget

Investment Income Reserve Fund #270510	\$272,254
Auxiliary Revenues	\$353,874
Athletic Fee Revenue (to fund public restroom portion of project) Fund #307500	\$279,112
Project Budget	\$905,240

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

Ins	titution:	NC State Universit	ty	Advance Planning Request: X New Capital Project*:				
		tion from: \$t Hall Scale-up Classroot						
Pro	oject Cost: AP Rec	quest \$25,000 (Total P	roject Budget \$1,600,	000)				
Soi	urce of Funds: Car	ry Forward funds						
		reviously had advance Code Item		ease identify code/item number under which that				
Fo	r each advance pl	lanning project or cap	pital construction pr	oject, please provide the following:				
1.	A detailed projec	et description and justif	fication:					
				technology classrooms. The project will create two The renovation will address mechanical systems and				
2.	An estimate of acquisition, planning, design, site development, construction, contingency and other related costs							
	See attached OC-	-25.						
3.	An estimated sch construction only	-	quirements over the lif	e of the project by FY quarters (Answer for capital				
4.	An estimated sch	nedule for the completi	ion of the project:					
	Design Start: 1/6 Construction Star	6/15	Design Comp	lete: 8/12/15 Complete: 3/18/16				
5.		naintenance and operat t five years of operation		of funding to support these costs, including personnel construction only):				
6.		evenues, if any, likely tital construction only):		project, covering the first five years of operation				
7.	An explanation of	of the means of financi	ing:					
		25,000 is funded by Canding is expected to be						

STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE PROSED REPAIR & RENOVATION OR CARITAL IMPROVEMENT PROJECT

Form OC-25 (Rev 05/12)

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

	RTMENT and DIVISION:	North Carolina State University			_	DATE:	07/25/14
	ECT IDENTIFICATION:	Cox Hall Renovations					
	ECT CITY or LOCATION:	Raleigh - North Campus					
PROJ	ECT DESCRIPTION & JUSTIFICATION	ON: (Attach add'i data as necessary to in	ndicate need, size, fu	nction of impro	vements	as well as a maste	r plan.)
This p	roject will renovate office space in Co.	K Hall into high-technology classroom	oms. The project	will create tv	<u>vo SCA</u>	LE-UP classroo	ns and one 100-seat
lecture	classroom. The renovation will addre	ss mechanical systems and toilet	facilities.				
/Defini	tions/explanations are provided on pg 2 to	a assist in completion of this form					
	RENT ESTIMATED CONSTRUCTION		YTO SE	UNIT	CÓC	No DEPOSITOR	· · · · · · · · · · · · · · · · · · ·
Α.	Land Requirement	0001	Section (April 12)	Litti Ossiti (1)	100	ST PER UNIT	TOTAL
В.	Site Preparation		-	! <u> </u>	1	···	\$0
	1. Demolition			T T	T		_ድ ለ
	2. Site Work				 		\$0 \$0
C.	Construction		1	<u> </u>	4		40
	Utility Services						\$0
	2. Building Construction (new space	ce)			 		\$0
	Building Construction (existing)		10660	SF	\$	45.75	\$487,695
	Plumbing (existing space)		10660	SF	\$	11.00	\$117,260
	HVAC (existing space)		10660		\$	15.00	\$159,900
	6. Electrical (existing space)		10660	SF	\$	9.00	\$95,940
	7. Fire Supression and Alarm Syst		(0000				\$0
	 Telephone, Data, Video (existir Associated Construction Costs 	ig space)	10660	<u> </u>	\$	10.00	\$106,600
	10. Other:		1	lump sum	\$	90,351.00	\$90,351
D.	Equipment		L	<u></u>	L		\$0
-	1. Fixed		1	lump sum	\$	300,000.00	*200.000
	2. Moveable		<u> </u>	damp sam	Ψ	300,000.00	\$300,000
ESTIN	MATED CONSTRUCTION COSTS		<u> </u>	L	<u> </u>		\$0 \$1,357,746
Items b	elow may be calculated by percentage or I	ump sum. If using lump sum, make er	ntry in \$ field.			L	\$1,557,140
DESIG	N FEE	10 % (% of Estimate				Γ	\$135,775
PREC	ONSTRUCTION COSTS	1 % (% of Estima	ted Construction C	osts [1% for (CM@Ris	k)) ا	\$13,577
	IISSIONING		; 1.0% moderate;	1.5% complex	:)		\$13,577
	AL INSPECTIONS/MATERIALS	% (1.25% estim				ľ	\$0
SUST	AINABILITY	% (3% LEED G	old, 2% LEED Silv	er)		Ī	\$0
		Includes prog	gramming, feasibili	lv. analysis		Ī	
ADVA	NCE PLANNING		ted Construction C				
CONT	INGENCIES	5 % (% of Estimat	ted Construction C	nete 13% Nou	(Ar 50/ E	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ec7 007
00,11	_	- 70 (70 OI ESTINIZA	cca Conditaction C	cora fo to treat	א פלכ וטי	(arg)	\$67,887
ESTIM	ATED COSTS (% of Estimated Co	onstruction Costs + Contingencies + [Design Feet				\$1,588,563
	tion = percent per month multiplied by		200.8.1.1.007			<u>L</u>	\$1,000,000
	Est. Date to mid-point of construction) =	1	8 months	0.04	% per n	nonth	
•	Bldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35		_		, a per r	1101101	
	dgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 m		.33%; 36-47 mos ≈ .36	5%; 48-60 mos =	.38%	_	
ESCAL	ATION COST INCREASE (Total of E	Estimated Costs x Escalation %)					\$11,438
TOTA	L ESTIMATED PROJECT COSTS	(Estimated Costs + Escalation Cost In	crease)			Г	\$1,600,000
						<u>L</u>	
APPRO	OVED BY THE		TITLE University	/ Architect		<u>D</u>	ATE 7.25.14
	(Coverning Board or Agen	cy Head)					