<u>Authorization of Capital Improvements Projects – Appalachian State University and North Carolina State University</u>

Appalachian State University and North Carolina State University have requested authority to establish the following new capital improvements projects.

<u>ASU – Howard Street Hall Renovation</u>: This project will construct space to provide 1-2 classroom(s) and maximize the number of offices. It will require installation of elevators, replacement windows, roof modifications, HVAC, plumbing, fire alarm, and electrical systems. The project, estimated to cost \$2,190,000, will be funded by carry-forward funds, and will be completed by January 2017.

<u>ECU – Bate Student Technology Center Renovations</u>: This project will repair and renovate existing rooms 3001-3005 in the Bate Building. Currently, rooms 3004 and 3005 are being used as traditional classrooms with room 3003 as an IT/storage. This project changes the existing spaces to a more progressive and flexible technology-driven learning environment. The project scope includes renovation of approximately 5,000 square feet of area to include floors, walls, ceilings, finishes, and related plumbing, mechanical, and electrical work. The project, estimated to cost \$484,500, will be funded by carry-forward funds, and will be completed by October 2016.

<u>ECU – Classroom Renovations - Brewster & Allied Health Buildings</u>: This project will perform renovations to convert four smaller classrooms into two larger 75-seat classrooms in the Health Sciences Building as well as perform renovations to convert four smaller classrooms into two larger 40-seat classrooms. These renovations are required to "right size" the rooms and increase classroom utilization. The renovation is approximately 5,300 square feet. The project, estimated to cost \$499,500, will be funded by carry-forward funds, and will be completed by October 2016.

NCSU – Harrelson Hall Demolition: This project will demolish Harrelson Hall, a 109,953 square-foot, four-story cylindrical classroom building, built in 1961. Project scope includes asbestos abatement, building demolition and isolation, termination or removal of major utilities (water, sanitary sewer, natural gas, chilled water, electrical, and steam). The structural demolition, which will generate the most heavy equipment activity, and traffic must be condensed within the summer period while pedestrian activity is at a minimum. The demolition method will take into consideration the vibration of sensitive research in the vicinity and will also include site backfill, restoration, landscaping, and hardscape work. The project, estimated to cost \$3,508,000, including previously approved advance planning authority of \$270,000, will be funded by carry-forward, repair and renovation, and trust funds, and will be completed by September 2016.

<u>NCSU – CVM Main Building Dining Project</u>: This project will update 6,162 square feet of dining and kitchen space in the College of Veterinary Medicine Main Building, Module D. The project will also repair and replace kitchen equipment and casework and update finishes. The project, estimated to cost \$495,000, will be funded by dining receipts, and will be completed by August 2016.

<u>NCSU – CVM Teaching Theatre Renovation</u>: This project will renovate 2,280 square feet of the existing teaching theatre, located in Room B112 of the CVM Main Building. Renovation will include new seating and a new lighting system, new ceilings, HVAC upgrades, finish upgrades, new audio/visual technology, and the addition of natural daylighting. The project, estimated to cost \$400,000, will be funded by trust funds, and will be completed by August 2016.

<u>NCSU – D.H. Hill Dining Service Area Renovation</u>: This project will renovate approximately 1,000 square feet of space used by University Dining in the D.H. Hill Library. The project will redesign the layout to improve efficiency of operations and increase seating capacity. Upgrades to casework, finishes, lighting, and equipment will also be provided. The project, estimated to cost \$499,000, will be funded by dining receipts and will be completed by August 2016.

NCSU – E.S. King Village Roof Replacements-Phase I: This phased project will add sloped roof structures to the existing E.S. King Village residential buildings. The project will involve rework of exhaust, plumbing vents, and HVAC vents. This project includes design for all seventeen residential buildings through schematic design and roof replacement for four of those buildings. The project, estimated to cost \$1,000,000 will be funded by housing receipts, and will be completed by May 2017.

<u>UNC-CH – Indoor Practice Facility</u>: This project will enhance and expand the existing Eddie Smith Field House to accommodate a new full-sized artificial field to be used by multiple varsity athletic programs. The facility will also be available for scheduled use by University and Community groups. The project, estimated to cost \$25,000,000, will be funded by foundation funds, and will be completed by September 2018.

<u>UNC-CH – UNC Eshelman School of Pharmacy - Beard Hall Second Floor and Associated Infrastructure Renovation</u>: This project will complete the renovation of the second floor of Beard Hall for the Eshelman School of Pharmacy as well as convert obsolete research laboratory, office, and teaching space into spaces for active learning, patient simulation, team building and leadership skills, and teaching spaces located in Kerr Hall. The project will renovate approximately 13,400 square feet and also address accessibility deficiencies with the elevator and the 2nd and 3rd floor restrooms and replace failing building HVAC system located in the attic. The project, estimated to cost \$9,713,728, will be funded by facilities and administrative receipts and foundation funds, and will be completed by June 2018.

<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 trust funds, and will be completed by August 2016.

<u>UNC-CH – Fetzer Field Renovation</u>: This project will renovate the existing stadium to include new seating, lighting, concessions, restrooms, press box, team locker rooms, offices, and playing field. Additional amenities will include a new video board and programming designed to enhance player development. The project, estimated to cost \$30,000,000, will be funded by foundation funds and will be completed by September 2018.

<u>UNC-CH – Practice Field Renovation and Expansion at Finley Fields</u>: This project will replace two existing grass fields with two artificial fields to be used as practice fields by multiple men's and women's varsity sports programs. Additionally, the project will add two new grass fields south of the Finley Field complex that would serve as practice fields for multiple men's and women's varsity sports programs. The project, estimated to cost \$10,000,000, will be funded by foundation funds and will be completed by September 2016.

<u>UNC-CH – Kenan Stadium LED Ribbon Boards</u>: This project will replace the existing video ribbon boards with new LED ribbon boards around the perimeter of the upper deck seating area in Kenan Stadium. The project, estimated to cost \$2,900,000, will be funded by foundation funds and will be completed by August 2016.

<u>UNC-CH – Hooker Fields Improvements:</u> This project will replace the existing synthetic turf and field lights with new synthetic turf and a high-efficient lighting system. The field will be reconfigured to meet regulations and to provide a safe playing area for the Campus Recreation program. Additionally, the project will upgrade the quality of the synthetic turf, add premium padding below the turf, install LED lighting in lieu of high pressure sodium lighting, and purchase turf maintenance equipment. The project, estimated to cost \$2,817,500, will be funded by student fees and will be completed by August 2016.

<u>UNC-G – Elliott University Center Freight Elevator Modernization</u>: This project will update the existing electric traction elevator which was installed in 1952 and has exceeded its serviceable life. The project will provide full modernization of the elevator to eliminate ongoing maintenance problems and improve the service reliability for operations in Elliott University Center (EUC). The project, estimated to cost \$361,000, will be funded by dining receipts and student fees and will be completed by July 2016.

<u>WCU – Emergency Temporary Steam Plant Equipment</u>: This project will replace steam plant boilers. The existing steam plant has four boilers, with manufacturer dates listed as 1951, 1966, 1968, and 1973. Boiler #1 (1951) has reached the end of its useful life, and will be replaced by (3) new 300 BHP boilers. The boilers will be high-efficiency modular-type served by a dedicated uninterruptable gas service. Ancillary equipment will include boiler feed pumps, duplex condensate pump, dedicated chemical feed system, and plant control system. The project, estimated to cost \$2,113,984, will be funded by repairs and renovations funds and will be completed by November 2016.

<u>WCU – Madison Roof Replacement</u>: This project will replace the roof at Madison Hall. The existing roofing is deteriorating quickly with multiple water intrusions, and will need to be replaced to ensure the building envelope integrity. Additionally, there is suspected damage to the underlying roof plank system, which may need repair and/or replacement. Finally, envelope remediation is anticipated for cornice repointing, molding repair, and downspout/gutter improvements. The new roof will be an architectural asphalt shingle roof composition, with associated waterproofing and flashing details to be reviewed and designed accordingly. The project, estimated to cost \$620,220, will be funded by housing receipts and will be completed by August 2016.

<u>WCU – Reid Building Career Center Renovation</u>: This project will renovate Reid Building and will support student services and enhance the career center initiatives. The program consists of 2,800 square feet of program space that will include: offices, a conference room, a peer education space, and supporting spaces. A new exterior façade to the building will complement the existing architecture, as well as define the entrance to the new career center. The project, estimated to cost \$493,550, will be funded by repair and renovation funds and will be completed by June 2016.

<u>WCU – Telecom Infrastructure Rework Project</u>: This project will provide for rework of telecommunication infrastructure located in an existing building scheduled for demolition. The project includes a new stand-alone telecommunications building, including re-routing of wiring and infrastructure to meet master plan recommendations and IT departmental requirements. The project, estimated to cost \$560,000, will be funded by education and technology fees and will be completed by August 2016.

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

North Carolina State University and the University of North Carolina at Charlotte have requested authority to establish advance planning of the following projects.

NCSU – CBC Chiller Plant Expansion: Centennial Biomedical Campus (CBC) will experience significant growth in the next ten years, resulting in an increased demand for centralized utilities, including steam, chilled water, electrical, water, sanitary sewer, storm sewer, telecommunications, and gas. This project will provide complete design, procurement, and installation services to increase the generation capacity at the CBC Utility Plant as well as the distribution of all utilities required to support future growth. Design and construction will be funded in phases as funding availability permits. As CBC continues to grow, there is often a need for expansion of utility services, and this authority will allow for the quick response that is critical in today's market. This additional advance planning authorization will utilize \$200,000. The project, estimated to cost \$4,947,980, will be funded from trust funds.

NCSU – CBC Road Improvements and Traffic Safety: This project will create a new driveway entrance at Hillsborough Street that will consolidate the existing driveway entrances for William Moore Drive and Linda Murphy Drive and serve as a new gateway to the Centennial Biomedical Campus. The project will build approximately 1,500 linear feet of new roadway and a 10-foot-wide multiuse path that is approximately 300 feet long. The multipurpose path will be constructed on the north side of Hillsborough Street from the I-440 ramp to the planned loop road that will connect to Blue Ridge Road. This advance planning authorization will utilize \$150,000. The project, estimated to cost \$1,500,000, will be funded from trust funds.

<u>UNCC – Admissions and Visitors Center</u>: This project will construct a new Admissions Center on campus. The Admissions Center is intended to welcome prospective students and their families to campus, to house undergraduate admissions offices, and serve as a starting point for campus orientation and tours. Current facilities are inadequate to serve projected increases in prospective students and their families visiting campus. The Admissions staff, charged with enrolling new undergraduate students, will move to this facility, freeing space in Cato Hall to accommodate growth in other University functions. The building is projected to be 18,000 square feet and will be located in the South Village area of campus. This advance planning authorization will utilize \$700,000. The project, estimated to cost \$7,000,000, will be funded from trust funds.

<u>Authorization to Increase the Scope of a Capital Improvements Project – The University of North Carolina at Chapel Hill</u>

The University of North Carolina at Chapel Hill has requested authority to increase the scope of previously approved capital improvements projects.

<u>UNC-CH – Campus Sidewalk Improvements</u>: This project, approved in July 2013 by the Board, needs additional funding to restore the existing brick pavers and correct accessibility deficiencies in the "Pit" area. Additional improvements will be made to the existing landscape structures to improve pedestrian circulation and to the stormwater drainage system to eliminate flooding in the area. These improvements will better support the activities and events in this central hub of campus. The increase in authorization of \$1,300,000 (from \$1,000,000 to \$2,300,000) will be funded by trust funds.

<u>UNC-CH – Improve Pedestrian</u>, Bicycle and Vehicular Access from Franklin Street to Cameron Avenue: This project, approved in August 2013 by the Board, needs additional funding to improve the pedestrian, bicycle, and vehicular access from Franklin Street to Cameron Avenue. This project will make Porthole Alley and the adjoining open space into a safe and attractive pedestrian- and bicycle-oriented entrance into the campus from downtown Chapel Hill. A new vehicular access from South Columbia Street will be constructed to serve the surrounding buildings and minimize the existing vehicular and pedestrian conflicts. The increase in authorization of \$1,500,000 (from \$1,350,000 to \$2,850,000) will be funded by trust funds.

<u>UNC-CH – Kenan Lab 8A Renovation</u>: This project, approved in October 2014 by the Board, needs additional funding due to uncovered environmental remediation requirements and increased functionality required by researcher. This project will renovate an existing 2,000 SF laboratory for the UNC Department of Applied Physical Sciences. The purpose of the project is to abate existing asbestos, provide new laboratory casework, provide new fume hoods, and upgrade existing finishes to improve interior acoustics. These renovations will upgrade facilities for a new faculty hire in the University's newly established APS Department. The increase in authorization of \$228,518 (from \$491,000 to \$719,518) will be funded by Curriculum in Applied Science account funds.

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

Institution:	Appal	achian State Univ	versity		Advance Planning Request: New Capital Project*: X
	Authorization from Howard Street				New Capital Project*: X
Project Cos	st: \$2,190,000				
Source of I	Funds:201	14 Carry Forward			
	ject has previousl carried. Code			lease identify cod	e/item number under which that
For each a	dvance planning	project or capit	al construction p	roject, please pro	vide the following:
1. A deta	iled project descri	ption and justifica	ation:		
and ma	aximize the number	er of offices. It w		tion of elevators, r	ct space to provide 1-2 classroom(s) replacement windows, roof
		. 1	gn, site developme include a complet		contingency and other related costs
Design	\$190,000				
Constr	uction \$1,850,00	00			
Contin	gency 100,000				
Other	\$50,000				
	imated schedule o	f cash flow requir	rements over the li	fe of the project b	y FY quarters (Answer for capital
YEAR	3 rd Qtr	4 th Qtr	1 st Qtr	2 nd Qtr	3 rd Qtr
2015	20,000	30,000			
2016			550,000	1,000,000	590,000
4. An est	imated schedule fo	or the completion	of the project:		
Compl	etion date January	2017			
				of funding to supp l construction only	port these costs, including personnel (y):
N/A					
6. An est	imate of revenues	, if any, likely to	be derived from th	e project, covering	g the first five years of operation

7. An explanation of the means of financing: Cash

(Answer for capital construction only):

N/A

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: PROJECT IDENTIFICATION:	Appalachian State Howard Street Ha				_	DATE:	09/25/15
PROJECT CITY or LOCATION: PROJECT DESCRIPTION & JUSTIFICAT* Construct a new lobby with elevator available space and install toilet fac suppression, and data.	r. Upfit interior to pro	ovide 1-2 classro	ooms, maximiz	e the numb	er of office	es that can be	accommodated in the
CURRENT ESTIMATED CONSTRUCTION	I COST		QTY	UNIT	COST	PER UNIT	TOTAL
A. Land Requirement	,						\$0
B. Site Preparation							
 Demolition 			12330		\$	5.00	\$61,650
2. Site Work		Į.	1	LS	\$	35,000.00	\$35,000
C. Construction		r		т .	T .		
Utility Services		-	4500	105		000.00	\$0
 Building Construction (new spa Building Construction (existing) 		1	1500 12330		\$	300.00	\$450,000 \$200,640
3. Building Construction (existing)4. Plumbing (new space)		 	12330		\$	17.00 15.00	\$209,610 \$184,950
5. HVAC (new space)		ŀ	12330		\$	32.00	\$394,560
Electrical (Includes TV & Radio	Studio)	ļ	12330		\$	21.00	\$258,930
7. Fire Supression and Alarm Sys		f	12330		\$	10.00	\$123,300
8. Telephone, Data, Video		Ī	12330	SF	\$	5.00	\$61,650
Associated Construction Costs			1	LS	\$	100,000.00	\$100,000
10, Other:		_		<u> </u>	<u></u>		\$0
D. Equipment		г	 		·		
 Fixed Moveable 		-					\$0 \$0
ESTIMATED CONSTRUCTION COSTS		Ĺ		<u> </u>	1		\$1,879,650
Items below may be calculated by percentage or ful	mp sum. If using lump	sum, make entry Ir	ı \$ field.			L	\$1,079,000
DESIGN FEE	10 %	(% of Estimated	Construction C	'nete\		r	\$187,965
PRECONSTRUCTION COSTS	0.5 %	(% of Estimated			CM@Risk	., F	\$9,398
COMMISSIONING	0.5 %	(0.5% simple; 1				'	\$9,398
SPECIAL INSPECTIONS/MATERIALS	1 %	(1.25% estimate			• •	ŀ	\$18,796.50
SUSTAINABILITY	2 %	(3% LEED Gold	•	er)		ļ .	\$37,593
	14. · · · · · · · · · · · · · · · · · · ·	includes prograi		•		f	
ADVANCE PLANNING	1 %	(% of Estimated					\$18,797
CONTINGENCIES	5 %	(% of Estimated	Construction C	osts [3% Nev	v or 5% R	&R])	\$93,983
ESTIMATED COSTS (% of Estimated Co	onstruction Costs + Co	ntingonoice + Dor	eign Egg)			ſ	\$2,161,598
Escalation = percent per month multiplied by		mangancies + Dec	orgin i eej				Ψ2,101,000
(From Est. Date to mid-point of construction) =	named of monate	12	months	0	% per mo	onth	
General Bidgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35	mos = .12%; 36-47 mos = .		-	······································	- 70 001 111	J. 1.1	
Health Bidgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 m				6%; 48-60 mos	= .38%		
ESCALATION COST INCREASE (Total of E				.,			\$0
TOTAL ESTIMATED PROJECT COSTS	(Estimated Construction	on Costs + Escalatio	on Cost Increase)			Γ	\$2,161,598
APPROVED BY: Slavus Mc	orm-		ice Chancellor for	· <u>Business A</u> ffai	irs	<u>_</u>	DATE 9/28/15

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
	ation from: \$ to \$ Student Technology Center Renovations	1.0% cupilii 110j000 / <u>11</u>
Project Cost: \$48	4,500	
Source of Funds: 201	4-2015 Carry Forward	
1 0 1	reviously had advance planning authority, please Code Item	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:

The scope of this project includes repairs and renovations to existing rooms 3001-3005 in the Bate Building at East Carolina University. Currently, rooms 3004 and 3005 are being used as traditional classrooms with room 3003 as an IT/storage room and room 3001 as a student operated computer lab approximately 2,500 square feet in size. The classrooms and computer lab have a raised floor system and are equipped with desktop computers. As technology and teaching styles have changed, so have the user preferences for how technology and learning interface.

This project changes the existing spaces to a more progressive and flexible technology driven learning environment. Existing rooms and the adjacent corridor will be reconfigured into a combined Student Technology Center creating individual and group study/leaning areas as well as a "front-door' to the College of Business. The project scope includes renovation of approximately 5,000 SF of area to include floors, walls, ceilings, finishes and related plumbing, mechanical and electrical work.

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

C-25 Cost Estimate Attached

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

FY 2015-16	Q2	\$ 38,000
	Q3	\$ 30,000
	Q4	\$ 290,000
FY 2016-17	Q1	\$ 127,000
	Total	\$ 485,000

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

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):

No change

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):

None

7. An explanation of the means of financing:

2014-2015 Carry Forward

North Carolina Department of Administration

Pat McCrory, Governor
Bill Daughtridge, Jr. Secretary

State Construction Office

October 2nd, 2015 OC-25: 20176050082

Proposed Capital Improvement Project

Biennium: 2015-2017

STATE DEPARTMENT: Educational Institutions (Universities)

INSTITUTION OR AGENCY: East Carolina University

PROJECT IDENTIFICATION: Bate Student Technology Center

PROJECT TYPE: Classroom Bldg.

CLASSIFICATION: Repairs, Reroofing, Renovations

PROJECT DESCRIPTION AND JUSTIFICATION: The scope of this project includes repairs and renovations to existing rooms 3001-3005 in the Bate Building at East Carolina University. Currently, rooms 3004 and 3005 are being used as traditional classrooms with room 3003 as an IT/storage room and room 3001 as a student operated computer lab approximately 2,500 square feet in size. The classrooms and computer lab have a raised floor system and are equipped with desktop computers. As technology and teaching styles have changed, so have the user preferences for how technology and learning interface. This project changes the existing spaces to a more progressive and flexible technology driven learning environment. Existing rooms and the adjacent corridor will be reconfigured into a combined Student Technology Center creating individual and group study/leaning areas as well as a "front-door' to the College of Business. The project scope includes renovation of approximately 5,000 SF of area to include floors, walls, ceilings, finishes, mechanical and electrical work. No plumbing changes required.

SUPPORTING DOCUMENTATION OF DETAILED BREAKDOWNS:

Attachments: File: Bate Student Technology Center OC-25
Rev 09-30-15.xlsx

ESTIMATED CONSTRUCTION COST:					
DESIGN FEE	9.0%	(% of Estimated Construction Costs)	\$38,250		
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	0%	(% of Estimated Costs - includes programming, feasibility, analysis) \$	\$0		
CONTINGENCIES	5%	(% of Estimated Costs [3% New or 5% R&R])	\$21,250		

ESTIMATED COSTS (Estimated Construction Costs + Design Fee + Preconstruction + Commissioning + Special + Sustainability + Advance Planning + Contingencies)

\$484,500

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

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

\$0

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

\$484,000

DATE RECEIVED: 09/30/2015	APPROVED BY: vstephenson	DATE APPROVED: 09/30/2015						
	CERTIFICATION							
The State Construction Office in acc	The State Construction Office in accordance with GS 143-341(3) certifies the feasibility of this Statement of Need							
pursuant to GS 143-6								
Signature		Date: <u>09/30/2015</u>						

COMMENTS:

DATE	AUTHOR	COMMENT
1. 9/30/2015 10:44:50 AM	Interscope (System)	Cost Estimate updated on Sep 30 2015 10:44AM by vstephenson
2. 9/30/2015 10:44:49 AM	Interscope (System)	Workflow Step 3 - APPROVE - Status is: Approved on Sep 30 2015 10:44AM by vstephenson
3. 9/30/2015 10:40:02 AM	Interscope (System)	Cost Estimate updated on Sep 30 2015 10:40AM by fieldsjo
4. 9/30/2015 10:40:02 AM	Interscope (System)	Workflow Step 2 - SUBMIT - Status is: Submitted on Sep 30 2015 10:40AM by fieldsjo
5. 9/30/2015 10:40:01 AM	Interscope (System)	Cost Estimate updated on Sep 30 2015 10:40AM by fieldsjo
6. 9/30/2015 10:38:54 AM	Interscope (System)	Cost Estimate updated on Sep 30 2015 10:38AM by fieldsjo
7. 9/30/2015 10:38:20 AM	Interscope (System)	Cost Estimate updated on Sep 30 2015 10:38AM by fieldsjo
8. 9/30/2015 9:31:46 AM	Interscope (System)	Cost Estimate updated on Sep 30 2015 9:31AM by fieldsjo
9. 9/24/2015 12:36:04 PM	Interscope (System)	Cost Estimate updated on Sep 24 2015 12:36PM by fieldsjo
10. 9/24/2015 12:36:04 PM	Interscope (System)	Workflow Step 3 - APPROVE - Status is: Rejected on Sep 24 2015 12:36PM by fieldsjo
11. 9/22/2015 9:18:12 PM	Interscope (System)	Cost Estimate updated on Sep 22 2015 9:18PM by fieldsjo
12. 9/22/2015 9:18:12 PM	Interscope (System)	Workflow Step 2 - SUBMIT - Status is: Submitted on Sep 22 2015 9:18PM by fieldsjo

	APPENDIX J	
13. 9/22/2015 9:18:11 PM	Interscope (System)	Cost Estimate updated on Sep 22 2015 9:18PM by fieldsjo
14. 9/16/2015 6:06:18 PM	Interscope (System)	Workflow Step 1 - CREATE - Status is: Pending on Sep 16 2015 6:06PM by everettle
15. 9/16/2015 6:06:18 PM	Interscope (System)	Cost Estimate created. on Sep 16 2015 6:06PM by everettle

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

		Reg	uest		or Increase in Capita	al Improvement Project
Institution:		East	Carc	olina Unive	rsity	Advance Planning Request:
Increase in A Project Title:					\$ vster & Allied Health I	New Capital Project*: X Buildings
Project Cost:	\$499	,500				
Source of Fu	nds: <u>Carr</u>	y Forw	ard			
*If this proje authority is c						se identify code/item number under which that
For each ad	vance pla	nning	proj	ect or capi	tal construction proj	ect, please provide the following:
1. A detaile	ed project	descrip	otion	and justific	cation:	
clas	srooms.	In the	Heal	th Science		4 smaller classrooms into 2 larger 75 seat renovations to convert 4 smaller
				required to ately 5,300	_	ms and increase classroom utilization. The
	ate of acceted OC-			anning, des	ign, site development,	construction, contingency and other related costs
Cop	y Attache	d				
	nated sche tion only)		casł	n flow requi	irements over the life of	of the project by FY quarters (Answer for capital
FY	2015-16	Q2	\$	35,000		
		Q3	\$	40,000		
		Q4	\$	300,500	c c	
FY	2016-17	Q1	\$	124,000		
		Total	Ş	499,500		
					1	

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

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):

No change

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):

None

7. An explanation of the means of financing:

2014-2015 Carry Forward



North Carolina Department of Administration

Pat McCrory, Governor
Bill Daughtridge, Jr. Secretary

State Construction Office

October 2nd, 2015

OC-25: 20176050083

Proposed Capital Improvement Project

Biennium: 2015-2017

STATE DEPARTMENT: Educational Institutions (Universities)

INSTITUTION OR AGENCY: East Carolina University

PROJECT IDENTIFICATION: Classroom Renovations - Brewster & Health Sciences Building

PROJECT TYPE: Building Renov.

CLASSIFICATION: Repairs, Reroofing, Renovations

PROJECT DESCRIPTION AND JUSTIFICATION: In Brewster Building, perform renovations to convert 4 smaller classrooms into 2 larger 75 seat classrooms. In the Health Sciences Building, perform renovations to convert 4 smaller classrooms into 2 larger 40 seat classrooms. These renovations are required to "right size" the rooms and increase classroom utilization. The renovation is approximately 5,300 SF.

SUPPORTING DOCUMENTATION OF DETAILED BREAKDOWNS:

Attachments: File: Brewster Health Sciences Buildings OC-25 revised 10-02-15.xlsx

ESTIMATED CONSTRUCTION COST:					
DESIGN FEE	6.0%	(% of Estimated Construction Costs)	\$27,000		
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	0%	(% of Estimated Costs - includes programming, feasibility, analysis) \$	\$0		
CONTINGENCIES	5%	(% of Estimated Costs [3% New or 5% R&R])	\$22,500		

ESTIMATED COSTS (Estimated Construction Costs + Design Fee + Preconstruction + Commissioning + Special

\$499,500

+ Sustainability + Advance Planning + Contingencies)

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

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

\$0

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

\$500,000

DATE RECEIVED: 10/02/2015	APPROVED BY:	DATE APPROVED:							
	CERTIFICATION								
The State Construction Office in acc	The State Construction Office in accordance with GS 143-341(3) certifies the feasibility of this Statement of Need								
	pursuant to GS 143-6								
Signature Date:									
<u> </u>									

COMMENTS:

DATE	AUTHOR	COMMENT
1. 10/2/2015 1:36:18 PM	Interscope (System)	Cost Estimate updated on Oct 2 2015 1:36PM by fieldsjo
2. 10/2/2015 1:36:18 PM	Interscope (System)	Workflow Step 2 - SUBMIT - Status is: Submitted on Oct 2 2015 1:36PM by fieldsjo
3. 10/2/2015 1:36:18 PM	Interscope (System)	Cost Estimate updated on Oct 2 2015 1:36PM by fieldsjo
4. 10/2/2015 1:35:22 PM	Interscope (System)	Cost Estimate updated on Oct 2 2015 1:35PM by fieldsjo
5. 10/2/2015 1:35:22 PM	Interscope (System)	Workflow Step 3 - APPROVE - Status is: Rejected on Oct 2 2015 1:35PM by fieldsjo
6. 10/2/2015 1:07:35 PM	Interscope (System)	Cost Estimate updated on Oct 2 2015 1:07PM by fieldsjo
7. 10/2/2015 1:07:35 PM	Interscope (System)	Workflow Step 2 - SUBMIT - Status is: Submitted on Oct 2 2015 1:07PM by fieldsjo
8. 10/2/2015 1:07:35 PM	Interscope (System)	Cost Estimate updated on Oct 2 2015 1:07PM by fieldsjo
9. 9/30/2015 12:05:53 PM	Interscope (System)	Cost Estimate updated on Sep 30 2015 12:05PM by fieldsjo
10. 9/30/2015 10:43:35 AM	Interscope (System)	Cost Estimate updated on Sep 30 2015 10:43AM by fieldsjo
11. 9/30/2015 10:43:35 AM	Interscope (System)	Workflow Step 3 - APPROVE - Status is: Rejected on Sep 30 2015 10:43AM by fieldsjo
12. 9/24/2015 12:35:41 PM	Interscope (System)	Cost Estimate updated on Sep 24 2015 12:35PM by fieldsjo
13. 9/24/2015 12:35:40 PM	Interscope (System)	Workflow Step 2 - SUBMIT - Status is: Submitted on Sep 24 2015 12:35PM by fieldsjo
14. 9/24/2015 12:35:40 PM	Interscope (System)	Cost Estimate updated on Sep 24 2015 12:35PM by fieldsjo
15. 9/24/2015 11:48:59 AM	Interscope (System)	Cost Estimate updated on Sep 24 2015 11:48AM by fieldsjo

16. 9/24/2015 11:48:59 AM	Interscope (System)	Workflow Step 3 - APPROVE - Status is: Rejected on Sep 24 2015 11:48AM by fieldsjo
17. 9/22/2015 5:31:19 PM	Interscope (System)	Cost Estimate updated on Sep 22 2015 5:31PM by fieldsjo
18. 9/22/2015 5:31:19 PM	Interscope (System)	Workflow Step 2 - SUBMIT - Status is: Submitted on Sep 22 2015 5:31PM by fieldsjo
19. 9/22/2015 5:31:18 PM	Interscope (System)	Cost Estimate updated on Sep 22 2015 5:31PM by fieldsjo
20. 9/16/2015 6:10:39 PM	Interscope (System)	Workflow Step 1 - CREATE - Status is: Pending on Sep 16 2015 6:10PM by everettle
21. 9/16/2015 6:10:39 PM	Interscope (System)	Cost Estimate created. on Sep 16 2015 6:10PM by everettle

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

Institution:	NC State University	Advance Planning Request:
		New Capital Project*: X
Increase in Author	rization from: \$ to \$	_
Project Title: Ha	rrelson Hall Demolition	
Project Cost: \$3,	238,000 (Total Project Cost of \$3,508,00	00 including previously authorized AP amount of \$270,000)
Source of Funds:	University Carry Forward, Asbestos Ab	patement Trust Fund, R&R
	s previously had advance planning authord. Code <u>41424</u> Item <u>306</u>	ority, please identify code/item number under which that
For each advance	e planning project or capital construc	tion project, please provide the following:
4 4 1 . 9 1		

1. A detailed project description and justification:

Harrelson Hall is a 109,953 GSF, four-story cylindrical classroom building, built in 1961. Project scope includes asbestos abatement, building demolition and isolation, termination or removal of major utilities (water, sanitary sewer, natural gas, chilled water, electrical, and steam). The building structure is composed of an inner cast-in-place concrete core and a surrounding precast/cast-in-place hybrid structure. The structural demolition which will generate the most heavy equipment activity and traffic must be condensed within the summer period while pedestrian activity is at a minimum. The demolition method will take into consideration vibration sensitive research in the vicinity. The project will include site backfill, restoration, landscaping, and hardscape work.

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	Q2	Q3	<u>Q4</u>
FY 2015				\$45,158
FY 2016	\$396,719	\$313,162	\$548,927	\$1,435,373
FY 2017	\$768,661			

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

Design Start: 5/20/15 Design Complete: 10/29/15 Construction Start: 1/5/16 Construction Complete: 9/16/16

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:

\$3,270,000 University Carry Forward (including the previously authorized AP amount) \$125,000 Asbestos Abatement Trust Fun \$113,000 transfer of R&R funds from 41324 320



North Carolina Department of Administration

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

August 3rd, 2015

OC-25: 201360500317

Proposed Capital Improvement Project

Biennium: 2011-2013

STATE DEPARTMENT: Educational Institutions (Universities)

INSTITUTION OR AGENCY: NC State University
PROJECT IDENTIFICATION: Harrelson Hall Demolition

PROJECT TYPE: Demolition
CLASSIFICATION: Other

PROJECT DESCRIPTION AND JUSTIFICATION: Harrelson Hall is a 109,953 gsf, four story, cylindrical, classroom building, built in 1961. Project scope includes asbestos abatement, building demolition and isolation, termination or removal of major utilities (water, sanitary sewer, natural gas, chilled water, electrical, and steam), The building structure is composed of an inner cast in place concrete core and a surrounding precast/ cast in place hubrid structure. The structurral demolition which will generate the most heavy equipment activity and traffic must be condensed within the summer period while pedestrian activity is at a minimum. The demolition method will take into consideration vibration sensitive research in the vicintity. The project will include site backfill, restoration, landscaping, and hardscape work. Project Manager is Steve Bostian 919.515.8059 or srbostian@ncsu.edu

SUPPORTING DOCUMENTATION OF DETAILED BREAKDOWNS:

ITEM	QTY	UNIT	COST PER UNIT	TOTAL
1. Site Demolition	109,953.0	Square Feet	\$9.50	\$1,044,553.50
Demolition	109,953.0	Square Feet	\$9.30	\$1,022,562.90
(abatement)				
2. Site Work	1,000.0	Cubic Yards	\$60	\$60,000
Site Work	35,000.0	Square Feet	\$15	\$525,000
(landscape)				
Utility (relocate	1.0	Lump Sum	\$300,000	\$300,000
underground				
electrical duct bank)				
9. Associated	1.0	Lump Sum	\$28,748	\$28,748
Construction Costs				

Attachments: OC25 Harrelson Hall

Demolition OC 25 HarrelsonHall Demolition Signed.pdf

More info on Electrical

attached. Steve's email is

srbostia@ncsu.edu sorry for the typo.

Telephone (919)807-4100 Fax (919)807-4110 State Courier #56-02-01 Location:

File: OC-25 Harrelson ElecBreakdown.xlsx

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

ESTIMATED CONSTRUCTION COST:			\$2,980,864
DESIGN FEE	10.0%	(% of Estimated Construction Costs)	\$298,086
PRECONSTRUCTION COSTS	0.6%	(% of Estimated Construction Costs [1% for CM@Risk])	16394.00
COMMISSIONING FEE	0%	(0.5% simple, 1% moderate, 1.5% complex)	\$0
SPECIAL INSPECTIONS/MATERIALS	1.2%	(1.25% Estimated)	\$35,770
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])	\$149,043
ESTIMATED COSTS (Estimated Construction Special	ction Costs	+ Design Fee + Preconstruction + Commissioning +	\$3,480,157
•	Advance Pla	anning + Contingencies)	. ,, -

+ Sustainability + Advance Planning + Contingencies)

Escalation % = percent per month multiplied by the number of months:
(From Est, Date to mid-point of construction) = 20 months @ 0.04

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

\$27,841

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

\$3,508,000

DATE RECEIVED: 12/02/2014	APPROVED BY: grogers	DATE APPROVED: 12/02/2014
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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

Signature	Victo Men	Date:	12/02/2014

COMMENTS:

DATE	AUTHOR	COMMENT
1. 12/2/2014 12:22:08 PM	Victor Stephenson (vstephenson)	Save
2. 12/2/2014 12:22:01 PM	Victor Stephenson (vstephenson)	Approve
3. 12/2/2014 11:42:35 AM	Melissa Young (meljoy909)	Submit
4. 12/1/2014 3:20:02 PM	Melissa Young (meljoy909)	Save
5. 11/19/2014 5:22:44 PM	Victor Stephenson (vstephenson)	Save

1. 14-1

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

	Request for New or Increase in Capital Imp	rovement Project
	itution: NC State University	Advance Planning Request: New Capital Project*: X
	ease in Authorization from: \$ to \$ ject Title: CVM Main Building Dining Project	
Proj	ect Cost: \$495,000	
Soui	rce of Funds:Dining Receipts	
	this project has previously had advance planning authority, please identority is carried. Code Item	tify code/item number under which that
For	each advance planning project or capital construction project, ple	ease provide the following:
1.	A detailed project description and justification:	
	This project will update 6,162 gross square feet of dining and kitchen Main Building, Module D. The project will repair and replace kitchen finishes.	
	An estimate of acquisition, planning, design, site development, construction (a completed OC-25 form)	uction, contingency and other related costs
	See attached OC25.	
	An estimated schedule of cash flow requirements over the life of the p construction only):	project by FY quarters (Answer for capital
	FY 2016 FY 2017 \$396,650 \$28,790 \$5,060	Q4 \$35,750
4.	An estimated schedule for the completion of the project:	
	Design Start: 11/1/15 Design Complete: 1/31/16 Construction Start: 5/9/16 Construction Complete: 8/1/16	
	An estimate of maintenance and operating costs and source of funding covering the first five years of operation (Answer for capital construct	
	N/A	
6.	An estimate of revenues, if any, likely to be derived from the project,	covering the first five years of operation

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):

For the past five years, this Dining facility has generated \$106,000 in annual revenues. After project completion, it is expected that the facility will continue to generate \$106,000 in annual revenues.

7. An explanation of the means of financing:

This project will be funded by Dining Receipts.

STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE

Form OC-25 (Rev 05/12)

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

PRO	ARTMENT and DIVISION: JECT IDENTIFICATION: JECT CITY or LOCATION:	North Carolina Sta	g Dining Proj	ect		-	DATE:	09/04/15
	PROJECT CITY or LOCATION: Raleigh - West Campus Precinct PROJECT DESCRIPTION & JUSTIFICATION: (Attach add'l data as necessary to indicate need, size, function of improvements as well as a master plan.)							1
	project will update 6,162 gross squa							
	en equipment and casework and upon		itchen space	in the Cvivi iviair	i bullairig, iv	iodule D.	. The project w	viii repair and replace
KILGITE	en equipment and casework and upo	date illiisiles.						
/D=6=	iliana/auralanatiana ara manidad an O	4	(41- t)					
	itions/explanations are provided on pg 2 RENT ESTIMATED CONSTRUCTION		of this form.)	OTV	LINIT	Looci	F PER UNIT	TOTAL
A.	Land Requirement	IN COST		QTY	UNIT	000	I PER UNII	
B.	Site Preparation					1		\$0
۵.	Demolition				r	Ι		\$0
	Site Work				-	 		\$0
C.	Construction			L		<u></u>		Φ0
C.								
	Utility Services Desiration Construction (construction)					├		\$0
	Building Construction (new space)			0400	005		00.50	\$0
	Building Construction (existing a second construction)	g)		6162	GSF	\$	23.50	\$144,807
	4. Plumbing (existing space)			6162	GSF	\$	4.50	\$27,729
	5. HVAC (existing space)			6162	GSF	\$	25.00	\$154,050
	Electrical (existing space)		,	6162	GSF	\$	12.00	\$73,944
	7. Fire Supression and Alarm S		e)	2400				\$0
	8. Telephone, Data, Video (exis			6162	GSF	\$	2.00	\$12,324
	Associated Construction Cos				lump sum	\$	9,791.50	\$9,792
_	10. Other: Security	<u> </u>	_	1	lump sum	\$	5,000.00	\$5,000
D.	Equipment							-
	1. Fixed							\$0
	2. Moveable					L		\$0
ESTI	MATED CONSTRUCTION COSTS							\$427,646
Items I	pelow may be calculated by percentage or	lump sum. If using lump s	sum, make entry	y in \$ field.				
DEOL	011555	40.0/						040.705
	GN FEE			ted Construction C			-	\$42,765
	CONSTRUCTION COSTS			ted Construction C			1)	\$1,069
	MISSIONING			; 1.0% moderate;	1.5% complex	()		\$2,138
	CIAL INSPECTIONS/MATERIALS		(1.25% estim					\$0
SUST	AINABILITY	%	(3% LEED G	old, 2% LEED Silve	er)			\$0
			includes prog	ramming, feasibilit	v. analysis			
ADVA	NCE PLANNING	%		ted Construction C			-	\$0
						-0/ -		
CON	TINGENCIES	5 %	(% of Estimat	ted Construction C	osts [3% New	or 5% R	&R])	\$21,382
		The state of the s						
		Construction Costs + Co	ntingencies + [Design Fee)			l	\$495,000
	ation = percent per month multiplied							
(From	Est. Date to mid-point of construction) =	1;	months .	0	% per n	nonth	
General	Bldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-3	5 mos = .12%; 36-47 mos = .1	6%; 48-60 mos =	.18%				
Llaalib f	Nidae 0 F 400/ C 44 20 0/ 40 47	000/ 10 00 00	V . 04 05 0	200/- 20 47 200	40.00	200/		
	Bidgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17			33%; 36-47 mos = .36%	6; 48-60 mos =	38%		40
ESCA	LATION COST INCREASE (Total of	r Estimated Costs x Es	calation %)				l	\$0
TOTA	L ESTIMATED PROJECT COSTS	(Estimated Costs + Esc	calation Cost Inci	rease)			1	\$495,000
		,					ļ	
APPR	OVED BY: Lya . M			TITLE University	Architect			DATE 9.8.15
	(Governing Board or Age	ncy Head)	_					

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

		request for	itew of increas	se m Capitai im	provement roject	<u> </u>
Ins	titution:	NC State Univ	ersity			lanning Request:
	rease in Authorizati				New	Capital Project*: X
Pro	oject Title: CVM T	eaching Theatre	Renovation			
Pro	oject Cost: <u>\$400,0</u>	00				
Soi	urce of Funds: <u>CV</u>	M Trust Funds				
	this project has pre hority is carried. C			thority, please ide	entify code/item num	ber under which that
Fo	r each advance pla	nning project o	r capital constr	uction project, p	lease provide the fo	llowing:
1.	A detailed project	description and j	justification:			
	B112 of the CVM	Main Building.	Renovation will	include new seati	xisting teaching theating and a new lightin ion of natural dayligh	g system, new ceilings,
2.	An estimate of acc (a completed OC-		g, design, site de	evelopment, const	truction, contingency	and other related costs
	See attached OC-2	25.				
3.	An estimated sche construction only)		v requirements o	ver the life of the	project by FY quarte	ers (Answer for capital
		Q1	Q2	Q3	Q4	
	FY 2016 FY 2017	\$295,650	<u>Q2</u> \$24,750 \$30,885	<u>Q3</u> \$10,560	<u>Q4</u> \$38,155	
4.	An estimated sche	dule for the com	pletion of the pro	oject:		
	Design Start: 11/1 Construction Start		gn Complete: 1/3 struction Comple			
5.	An estimate of ma covering the first f					osts, including personnel,
	N/A					
6.	An estimate of rev (Answer for capita			d from the project	, covering the first fi	ve years of operation
	No revenues will b	e derived from t	his project.			

7. An explanation of the means of financing:

CVM Trust Funds will fund the design and construction of this project.

STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE

Form OC-25 (Rev 05/12)

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

DEF	DEPARTMENT and DIVISION:		NC State Universi	DATE:	09/03/15							
PRO	JECT	IDENTIFICATION:	CVM Teaching Th	hea	ater Renovation, B112							
PRO	JECT	CITY or LOCATION:	Raleigh, NC - Wes	est	Campus Precinct			-				
PRO	JECT	DESCRIPTION & JUSTIFICAT	TION: (Attach add'l data as	s ne	ecessary to indicate need, s	ize, func	tion of improve	ments as	well as a master plan.)			
		ation of the 2280 assignable squ										
		gs, HVAC upgrades, finish upgr								arra rigitating of out of the		
TICVI	CCIMIT	do, TTVAO aparades, ilitiori apar	dece, new my teemines	104	The trib destrict of	icitaria.	ad judining.					
/Dofi	nitions	explanations are provided on pg 2	to assist in completion of	f thi	nis form \							
		FESTIMATED CONSTRUCTION		1 (11)	QT	v	UNIT	COS	T PER UNIT	TOTAL		
A.		nd Requirement	11 0031		- 41	<u>'</u>	ONT	000	TT EN OTHER	\$0		
В.		e Preparation								-		
D.		Demolition						T		\$0		
		Site Work						 		\$0		
C.		nstruction			L							
0.							T	T		\$0		
	1. 2.		ana)							\$0		
	3.					2280	ASF	\$	44.00	\$100,320		
		Plumbing (existing space)	g space,			2200	7101	+		\$0		
	5.					2280	ASF	\$	38.00	\$86,640		
	6.	Electrical (existing space)				2280		\$	10.00	\$22,800		
	7.		vstems					1		\$0		
	8.	Telephone, Data, Video	0.01110							\$0		
	9.	Associated Construction Cost	S			1	lump sum	\$	2,312.00	\$2,312		
	10	Other:								\$0		
D.		uipment		_								
		Fixed				1	lump sum	\$	35,000.00	\$35,000		
		Moveable				1	lump sum	\$	100,000.00	\$100,000		
EST	MAT	ED CONSTRUCTION COSTS								\$347,072		
Items	below	may be calculated by percentage or	lump sum. If using lump s	sun	m, make entry in \$ field.							
										\$34,707		
DES	GN F	EE	10 %	((% of Estimated Construc	timated Construction Costs)						
PRE	CONS	TRUCTION COSTS	0.25 %	((% of Estimated Construc	tion Co	sts [1% for C	M@Risk)	\$868		
CON	MISS	IONING	%	(((0.5% simple; 1.0% mode	erate; 1.	.5% complex)			\$0		
SPE	CIALI	NSPECTIONS/MATERIALS	%	((1.25% estimated)					\$0		
SUS	TAINA	BILITY	%	(3	(3% LEED Gold, 2% LEE	D Silve	r)			\$0		
				le	Includes programming, fe	acibility	analysis					
ΔDV	ANCE	PLANNING	%		(% of Estimated Construc					\$0		
AD V.	TIVOL	PEANING		- 0					-			
CON	TING	ENCIES	5 %	(9	(% of Estimated Construc	tion Co	sts [3% New	or 5% R	&R])	\$17,354		
ESTI	MATE	D COSTS (% of Estimated C	Construction Costs + Conf	nting	igencies + Design Fee)					\$400,000		
Esca	ation	= percent per month multiplied b	y number of months									
Fron	Est. [Date to mid-point of construction)	=	_	10 mont	hs .	0	% per r	nonth			
Genera	l Bldgs:	0-17 mos = 0%; 18-23 mos = .04%; 24-35	mos = .12%; 36-47 mos = .16	16%;	; 48-60 mos = .18%							
	D	5 400 044 000 4047	000/ 10 00 000	n. 0	04.05 mas 200/- 06.47 mas	0.00/	40.60 man - 36	00/				
		-5 mos = .18%; 6-11 mos = .22 %; 12-17 r				= .30%;	46-60 11105 = .30	070		90		
=5C/	ALA III	ON COST INCREASE (Total of	Estimated Costs x Esc	cala	auon %)					\$0		
гот	AL ES	STIMATED PROJECT COSTS	(Estimated Costs + Esc	cala	lation Cost Increase)					\$400,000		
A DDG	OVE	DRV.	4		TITLE	Univer	sity Architect		DAT	E 9.3.15		

(Governing Board or Agency Head)

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

		Request for	New or Increase	se in Capital Im	provement Project				
Ins	titution:	NC State Univ	versity		Advance Plant	ning Request:			
		ation from: \$ill Dining Service		 I	ivew cap				
Pro	oject Cost: \$499	,000							
Sou	urce of Funds: _U	Iniversity Dining F	Receipts						
		reviously had adva CodeI		thority, please ide	entify code/item number	under which that			
Fo	r each advance p	olanning project o	or capital constr	uction project, p	lease provide the follow	ing:			
1.	A detailed proje	ct description and	justification:						
	The project will		ıt to improve effi	ciency of operation	University Dining in the ons and increase seating				
2.	An estimate of acquisition, planning, design, site development, construction, contingency and other related costs (a completed OC-25 form)								
	See attached OC	C-25.							
3.	An estimated so construction onl		w requirements o	ver the life of the	project by FY quarters (Answer for capital			
	FY 2016 FY 2017	<u>Q1</u> \$285,175	Q2 \$12,500 \$32,175	<u>Q3</u> \$37,500 \$19,150	<u>Q4</u> \$112,500				
4.	An estimated sc	hedule for the com	pletion of the pro	oject:					
	Design Start: 11 Construction Sta		gn Complete: 1/3 struction Comple						
5.		maintenance and o			ng to support these costs, ction only):	including personnel,			
	N/A								
6	An actimate of r	eavanues if any lil	zalu to ba dariwa	I from the project	covering the first five y	years of operation			

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 coffee shop has generated \$820,000 of revenue annually for the last five years, and is expected to generate at least that amount for the next five years.

7. An explanation of the means of financing:

University Dining receipts will fund 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 Universi					DATE:	DATE: 09/16/15		
	DJECT IDENTIFICATION:	DH Hill - Dining	Service Area F	Renovation		D/(12	27.7.2.		
	DJECT CITY or LOCATION:	Raleigh - North	Campus						
PRO	DJECT DESCRIPTION & JUSTIFICA	TION: (Attach add'l data	as necessary to in	ndicate need, size, fu	inction of impre	ovements	as well as a master pla	2)	
The	project will renovate approximately	1,000 Gross Square F	eet of space in	DH Hill Library	The project	t will rad	ocian the leveut to	improve efficiency	
of or	perations and increase dining capaci	ty. It will also provide	upgraded case	ework finishes a	and lighting	L WIII IEU	esign the layout to	improve emciency	
			apgraded odo.	orrotti, ilillorico, a	and lighting.				
-									
8									
(Defin	nitions/explanations are provided on pg 2	to assist in completion	of this form.)						
CUR	RENT ESTIMATED CONSTRUCTION	ON COST		QTY	UNIT	LCOS	ST PER UNIT	TOTAL	
A.	Land Requirement			- G11	OIVII	1 000	SI FER UNII	TOTAL	
В.	Site Preparation							\$0	
	1. Demolition					T			
	2. Site Work					+		\$0	
C.	Construction							\$0	
	1. Utility Services								
	Building Construction (new sp	2200)						\$0	
	Building Construction (existing Construction)	oace)						\$0	
	Plumbing (new & existing spa	9)		1000	GSF	\$	222.00	\$222,000	
	5. HVAC (new & existing space)	ice)		1000		\$	26.00	\$26,000	
	Flectrical (new & existing space) Electrical (new & existing space)			1000	GSF	\$	55.00	\$55,000	
	\ or ormorning opa	ce)		1000	GSF	\$	42.00	\$42,000	
	7. Fire Suppression and Alarm S	systems (new & existi	ng space)	1000	GSF	\$	7.00	\$7,000	
	8. Telephone, Data, Video (new	& existing space)		1000	GSF	\$	5.00	\$5,000	
	Associated Construction Cost			1	lump sum	\$	5,035.00	\$5,035	
Б.	10. Other: Security		_	1	lump sum	\$	5,000.00	\$5,000	
D.	Equipment							Ψο,οσο	
	1. Fixed						T	\$0	
	Moveable			11	lump sum	\$	65,000.00	\$65,000	
	MATED CONSTRUCTION COSTS							\$432,035	
Items b	elow may be calculated by percentage or	lump sum. If using lump	sum, make entry	in S field.			-	\$452,035	
			•	- Carrier 14 1912 - 27 322					
	SN FEE	10 %	(% of Estimate	d Construction Cos	sts)			\$43,204	
PREC	ONSTRUCTION COSTS	0.5 %	(% of Estimate	d Construction Cos	ete [1% for C	M@Diak			
COMM	IISSIONING	%	(0.5% simple:	1.0% moderate; 1.	50/ nomploy)	IVI & MISK	'	\$2,160	
SPEC	AL INSPECTIONS/MATERIALS	%	(1.25% estimate)	tod)	o % complex)		-	\$0	
	AINABILITY							\$0	
	-		(3% LEED GO	d, 2% LEED Silver)			\$0	
4 D) / 4 4	105 81 44111116		Includes progra	amming, feasibility,	analysis				
ADVAI	NCE PLANNING	%	(% of Estimate	d Construction Cos	sts)			\$0	
CONTI	NGENCIES								
	-		(% Of Estimated	d Construction Cos	sts [3% New	or 5% R8	&R])	\$21,602	
ESTIM	ATED COSTS (% of Estimated Co								
	,	onstruction Costs + Con	tingencies + Des	sign Fee)				\$499,000	
	ion = percent per month multiplied by								
	st. Date to mid-point of construction) =		10	months	0 9	% per m	onth		
ieneral E	ldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35	mos = .12%; 36-47 mos = .1	6%; 48-60 mos = .1	8%					
lealth Ric	ns: 0-5 mos = 189/ : 6 11 mos = 20 9/ : 10 17	000/ 10 00							
COAL	gs: 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	88%			
SUAL	ATION COST INCREASE (Total of E	estimated Costs x Esc	alation %)					\$0	
OTAL	ESTIMATED PROJECT COSTS	(Estimated Costs : 5	alatia- O						
	1,100201 00313	(Estimated Costs + Esc	alation Cost Increa	ase)				\$499,000	
PPRO	VED BY:							9.11.15	
	(Governing Board or Agenc	y Hood)	_ 1	TITLE University Ar	chitect		DATE	9.16.15	
	(Governing board of Agenc	y nead)							

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	rease in Authorization	on from: \$\(\frac{0}{2} \) to \$\(\frac{\$25,000,000}{2} \)	New Capital Project*: x						
Pro	oject Title: Indoor Pr	ractice Facility							
Pro	oject Cost: <u>\$25,000</u>	,000							
So	urce of Funds: Found	dation Funds							
	1 0 1	viously had advance planning authority, please identify code Item	code/item number under which that						
Fo	r each advance plai	nning project or capital construction project, please p	provide the following:						
1.	Provide detailed description and justification: This project will enhance and expand the existing Eddie Smith Field House to accommodate a new full-sized artificial field to be used by multiple varsity athletic programs. The facility will also be available for scheduled use by University and Community groups.								
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 O	OC-25 form .							
3.	An estimated sched construction only):	dule of cash flow requirements over the life of the project	et by FY quarters (Answer for capital						
	nd of: 3Q 2015-1 exted Expenditure \$ 128,6	Cash Flow Estimate for Total Project Cost Cash Flow Estimate for Total Project Cost	7-18 3Q 2017-18 4Q 2017-18 1Q18-19 Total ,825 \$ 5,147,354 \$ 1,151,983 \$ 1,585,709 \$ 25,000,000						
4.	An estimated sched	dule for the completion of the project:							
5.	An estimate of mai	/1/16; Construction start: 11/1/16; Construction comple intenance and operating costs and source of funding to so ive years of operation (Answer for capital construction of	upport these costs, including personnel,						
6.		enues, if any, likely to be derived from the project, cover l construction only):	ring the first five years of operation						
	n/a								
7.	An explanation of t	the means of financing. Foundation Funds							

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

Form OC-25 (Rev 09/14)

DEPARTMENT and DIVISION: PROJECT IDENTIFICATION:	North Carolina	at Chapel Hill		DATE:	E: 09/18/15		
PROJECT CITY or LOCATION:	Indoor Practice F Chapel Hill, NC	acility					
PROJECT DESCRIPTION & JUSTIFICATION		e necessary to indi	rate need size fur	etion of improv	ements a	s well as a master	nlan \
This project will enhance and expand the ex							
athletic programs. The facility will also be a						iolal hola to bo	adda by malepio valolty
adition programs. The tability will also be a	Tondbio 101 Optional		orony and comm	manity group			
(Definitions/explanations are provided on pg 2 to	assist in completion of	of this form.)	•				
CURRENT ESTIMATED CONSTRUCTION		v1.7720	WW.QTY	UNIT	COS	T PER UNIT	ĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸ
A. Land Requirement					1		\$1
B. Site Preparation							
1. Demolition			40,500		\$	8.00	\$324,000
2. Site Work			100,000	SF	\$	4.00	\$400,000
C. Construction							
 Utility Services 				LS	\$	150,000.00	
Building Construction (new spar	ce)		82,000		\$	180.00	
Building Construction (existing)			31,500		\$	25.00	
Plumbing			82,000		\$	6.00	\$492,000
5. HVAC			82,000		\$	22.00	\$1,804,000
Electrical (Includes TV & Radio			82,000		\$	10.00	\$820,000
Fire Supression and Alarm Syst	iems		82,000		\$	8.00	\$656,000
8. Telephone, Data, Video	•			LS	\$	100,000.00	\$100,000
9. Associated Construction Costs				LS	\$	200,000.00	\$200,000
10. Other: Reserves		_	1	LS	\$	540,555.00	\$540,555
D. Equipment			- 41	1.0		200,000.00	\$200,000
Fixed (Scoreboards) Mayachla (Special agricument)				LS LS	\$ \$	79,000.00	\$79,000
2. Moveable (Sports equipment) ESTIMATED CONSTRUCTION COSTS]		LO	Ą	19,000.00	\$21,313,055
Items below may be calculated by percentage or lui	Kualaa kumm		in & Stale			L	φ21,010,000
ttems below may be calculated by percentage or id-	ան ջուս, ու ռջում տան	sum, make emry	ın ş neiu.				
DESIGN FEE	 8%	(% of Estimater	d Construction Co	ete)		Г	\$1,705,044
PRECONSTRUCTION COSTS			d Construction Co		M@Risk	1) F	\$0
COMMISSIONING		•	.0% moderate; 1.	-		''	\$106,565
SPECIAL INSPECTIONS/MATERIALS		(1.25% estimate		o to complex,	'	ŀ	\$266,413
SUSTAINABILITY			d, 2% LEED Silve	r)		ŀ	\$0
						F	
ADVANCE DI ANNINO	4 0/		mming, feasibility			ļ	\$213,131
ADVANCE PLANNING	1 70	(% of Estimated	d Construction Co	SIS)		-	φ210,101
CONTINGENCIES	3 %	(% of Estimated	I Construction Co	sts [3% New	or 5% R	&R])	\$639,392
ESTIMATED COSTS (9) of Followard Cox	rotarotion Coata + Con	rtinaanaiaa . Daa	ian Eool			Ì	\$24,243,600
•	nstruction Costs + Cor	tungencies + Des	sign ree)			L	ΨZ4,Z43,000
Escalation = percent per month multiplied by	number of mornis	26	months	0.40	0/. nor n	aonth	
(From Est. Date to mid-point of construction) =	200 - 109, 26 17 mag - 1	26 15%: 48 60 mag = 1	months _	0.12	% per n	MINI	
General Bidgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 m	10S = .12%; 30-47 mos = .	10%; 48-00 mos = . (8%				
Health Bldgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 mo	s = ,26%; 18-23 mos = .29	9%; 24-35 mos = .33	%; 36-47 mos = .36%	; 48-60 mos = .	38%	_	
ESCALATION COST INCREASE (Total of E	stimated Costs x Esc	calation %)				Γ	\$756,400
TOTAL COMMATED DDG /CGT 00078							¢25 000 000
TOTAL ESTIMATED PROJECT COSTS	(Estimated Costs + Es	calation Cost Incre	ase)			L	\$25,000,000
APPROVED BY: //www//		,	TITLE: Director Fac	lities Planning	and Doeid	ın r	ATE: 9/18/2015
(Governing Board or Agency	Head)		THEE, DISCUSTAGE	uraga i igillitild	ALIA DESK	ш =	···· · · · · · · · · · · · · · · · ·
Covering sould of Agency							

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: New Capital Project*: X
	crease in Authorization from: \$\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Pro	pject Cost: \$9,713,728
So	urce of Funds: Facilities and Administrative Costs (F&A) and private sources
	this project has previously had advance planning authority, please identify code/item number under which that thority is carried. Code Item
Fo 1.	r each advance planning project or capital construction project, please provide the following: A detailed project description and justification: This project will complete renovation of the second floor of Beard Hall for the Eshelman School of Pharmacy and convert obsolete research laboratory, office, and teaching space to spaces for active learning, patient simulation and building team and leadership skills, connecting to teaching spaces located in Kerr Hall. The project will renovate approximately 13,400 sf and also address accessibility deficiencies with the elevator and the 2nd and 3rd floor restrooms, and replace failing building HVAC system located in the attic.
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):
	nd of: 1Q 2015-16 2Q 2015-16 3Q 2015-16 4Q 2015-16 1Q 2016-17 2Q 2016-17 3Q 2016-17 4Q 2016-17 1Q 2017-18 2Q 2017-18 3Q 2017-18 4Q 2017-18 Total ected Expenditure \$ - \$ 50,000 \$ 100,000 \$ 200,000 \$ 300,000 \$ 600,000 \$ 1,000,000 \$ 2,000,000 \$ 2,000,000 \$ 447,602 \$ 616,126 \$ 9,713,728
4.	An estimated schedule for the completion of the project:
	Begin Construction 10/1/16 and complete by 6/1/18
5.	An estimate of maintenance and operating costs and source of funding to support these costs, including personnel, covering the first five years of operation (Answer for capital construction only):
	NA
6.	An estimate of 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: Facilities and Administrative Costs (F&A) and/or private funds

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

Form OC-25 (Rev 09/14)

PRO	ARTMENT and DIVISION: JECT IDENTIFICATION: JECT CITY or LOCATION:	North Carolina nd Floor Renov			09/18/15				
PRO.	JECT DESCRIPTION & JUSTIFICATE	ON: (Attach add'i data a	s necessary to ind	icate need, size, fu	nction of impro	vements a	as well as a master	olan.)	
	project will complete renovation of the								V.
	, and teaching space to spaces for act								
	r Hall. The project will renovate appro								
	Than The project tim removate appre	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				· vitti (i)		TO ZING GING TOOL	
/Defini	tions/explanations are provided on pg 2 to	acciet in completion	of this form						
	RENT ESTIMATED CONSTRUCTION		or uns torins)	QTY	UNIT	COS	ST PER UNIT	TOTAL	0.00.0
A.	Land Requirement	0031		<u> </u>	UNIT	- 000) rekunit.	IOIAL	\$0
В.	Site Preparation			<u> </u>	<u> </u>				Ψυ]
D,	1. Demolition				1	7			\$0
	2. Site Work					- 			\$0
C.	Construction				L	1			<u> </u>
Ο.						T · · · ·			- 00
	Utility Services Duithing Construction (now one)	1				 			\$0
	Building Construction (new space 2) Building Construction (cutoffee)	ce)		12400	or		045.00	¢2.00	\$0
	Building Construction (existing) Blanching Construction (existing)			13400		\$	245.00		3,000
	4. Plumbing (existing)			13400		\$	30.00		2,000
	5. HVAC (existing)	01 11 \		13400		\$	145.00		3,000
	6. Electrical (Includes TV & Radio			13400		\$	95.00		3,000
	7. Fire Supression and Alarm Syst	ems		13400		\$	8.00		7,200
	8. Telephone, Data, Video			13400	SF	\$	12.00	\$16	0,800
	9. Associated Construction Costs				1.0		000 744 00	***	\$0
_	10. Other: Reserves		_ ,	J	LS	\$	383,711.00	\$38	3,711
D.	Equipment		1			F		444	
	1. Fixed				LS	\$	300,000.00		0,000
FOTIL	2. Moveable		i	1	LS	\$	200,000.00		0,000
	MATED CONSTRUCTION COSTS							\$8,05	2,711
items be	elow may be calculated by percentage or lur	np sum. If using lump	sum, make entry	in \$ field.					
							-	A-50	
DESIG				d Construction Co			_	\$724	4,744
	ONSTRUCTION COSTS			d Construction Co])		\$0
	IISSIONING			.0% moderate; 1	.5% complex))	<u> </u>),527
	AL INSPECTIONS/MATERIALS		(1.25% estimate				Ĺ	\$100),659
SUSTA	AINABILITY	%	(3% LEED Gold	l, 2% LEED Silve	r)		[\$0
			Includes progra	mming, feasibility	, analysis				
ADVAN	ICE PLANNING	1 %		Construction Co				\$80),527
CONITI	NGENCIES	5 0/	/0/ of Fatimates	. Canalmostica Ca		E0/ D	, DI	6400	2,636
CONT			(% or Estimated	Construction Co	sis (3% New	orom K	arı)	φ402	.,030
ESTIM	ATED COSTS (% of Estimated Con	struction Costs + Con	tinganalaa i Dan	ian Eoo)				\$9,441	804
	ion = percent per month multiplied by i		angendes + Des	ign ree)			L	Ψ0,441	,004
		tomber of months	24	mantha	0.40	0/ 2052			
	Est. Date to mid-point of construction) =	4007. 00 47 4	24	months _	0.12	% per n	HOIRI		
General E	lldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 m	os = .12%; 30-47 mos = .1	16%; 48-60 mos = . 1	8%					
Health Blo	igs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 mos	= .26%; 18-23 mos = .29	%; 24-35 mos = .339	%; 36-47 mos = .36%	6; 48-60 mos = .:	38%			
	ATION COST INCREASE (Total of Es						Г	\$271	.924
	,		·				<u></u>		
TOTAL	ESTIMATED PROJECT COSTS	(Estimated Costs + Est	calation Cost Increa	ase)				\$9,713	,728
V DDDV	OVED BY: //www / 4	·	-	TILE 10	الم مرا			ATE 9/18/15	
MET IN	(Governing Board or Agency	Haad)		TLE Dir <i>el</i> Plannii	701 17	20111	n-€) [□]	11 / 10/13	٠
	Governing board of Agency	i idau)		Hanni	~: W	esign	^		

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

		request for the of mercuse in cupital improve	cilicit i i oject
Ins	titution:	The University of North Carolina at Chapel Hill	Advance Planning Request
1115	titution.	The emiversity of Frontin Carolina at Chaper Film	New Capital Project*: x
	rease in Authorizati		
Pro	oject Title: Chase D	rining Hall Second Floor Renovations	
Pro	oject Cost: \$3,850,0	000	
Sou	urce of Funds: Aux	kiliary Trust Fund	
	this project has prevenently is carried. Co	viously had advance planning authority, please identify ode: Item:	code/item number under which that
Fo	r each advance pla	nning project or capital construction project, please	provide the following:
1.	A detailed project	description and justification:	
exi din	sting large meeting a	ate approximately 5,028 square feet on the second floor rooms and ancillary spaces into food service and seating first floor. The project will also address accessibility de direct access to the main food services and dining areas	g areas as an extension of the existing ficiencies with restrooms and introduce
2.		quisition, planning, design, site development, construction of construction only and include a completed OC-25 form	
See	e OC25		
3.	An estimated sched construction only):	dule of cash flow requirements over the life of the proje:	ct by FY quarters (Answer for capital
	End of: 2Q 2 pected Expenditure	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 schee	dule for the completion of the project:	
	Design: 1/1/16; Co	onstruction start: 12/1/16; construction completion: 8/1/1	16
5.		intenance and operating costs and source of funding to sive years of operation (Answer for capital construction of	
	n/a		
6.		enues, if any, likely to be derived from the project, coveral construction only):	ering the first five years of operation
	na		

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

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

Form OC-25 (Rev 05/12)

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

	RTMENT and DIVISiON:		olina at Chapel Hill DATE: 09/18/15								
	CT IDENTIFICATION:	Chase Dining Ha	II Second Floo	Floor Renovation							
	CT CITY or LOCATION:	Chapel Hill, NC									
	CT DESCRIPTION & JUSTIFICATION										
This pro	oject will renovate approximately 5,028	square feet on the	e second floor	of Chase Dining	Hall conve	rting existin	g large meet	ing room:	s and ancillary		
spaces	into food service and seating areas a	s an extension of t	he existing din	ing program on	the first floo	r. The proje	ect will also a	ddress ad	ccessibility		
deficier	icies with restrooms and introduce a n	ew stair to provide	direct access t	to the main food	services ar	nd dining ar	eas located o	on the firs	t floor.		
•											
(Definition	ons/explanations are provided on pg 2 to as	ssist in completion of	this form.)								
CURRE	NT ESTIMATED CONSTRUCTION C	OST		QTY	UNIT	COST	PER UNIT		TOTAL		
A.	Land Requirement						.,	\$	-		
B.	Site Preparation										
	1. Demolition			1	LUMPS	\$	180,000	\$	180,000		
	2. Site Work					\$	-	\$	•		
C.	Construction										
	1. Utility Services					\$	-	\$	-		
	2. Building Construction (new space	e)				\$	-				
	3. Building Construction (existing)			5028		\$	295	\$	1,483,260		
	Plumbing			5028		\$	35	\$	175,980		
	5. HVAC			5028	L	\$	45	\$	226,260		
	Electrical (Includes TV & Radio \$			5028		\$	10	\$	50,280		
	7. Fire Supression and Alarm Syste			5028		\$		\$	40,224		
	8. Telephone, Data, Video (Include	d in Electrical)		5028	LS	\$	12	\$	60,336		
	9. Associated Construction Costs					\$	-	\$	-		
_	10. Other: Reserves		_	1	LS	\$	563,504	\$	563,504		
D.	Equipment										
	1. Fixed				LS	\$	150,000		150,000		
	2. Moveable			1	LS	\$	500,000	\$	500,000		
	TED CONSTRUCTION COSTS						Ĺ	\$	3,429,844		
items belo	w may be calculated by percentage or lump	sum. If using lump s	um, make entry i	n \$ field.							
2501011		40.07					-				
DESIGN		10 %		ed Construction Co			_	\$	342,984		
	NSTRUCTION COSTS			d Construction Co			Ĺ	\$	-		
	SSIONING			1.0% moderate; 1	.5% complex	:)	1	\$	34,298		
	_ INSPECTIONS/MATERIALS		(1.25% estima	•			<u> </u>	\$	42,873		
SUSTAI	NABILITY	%	(3% LEED Gol	d, 2% LEED Silve	r)		_	\$	-		
			Includes progra	amming, feasibility	, analysis		ŀ		1		
ADVANC	E PLANNING	%	(% of Estimate	d Construction Co	sts)		•	\$	-		
CONTIN	GENCIES	5 %	/% of Fetimate	d Construction Co	ete 13% Now	or 5% D&D	., [\$	171,492		
OOMIN			(70 OI Louiniate	d Collabaction Co	13 13 10 11 11 11 11 11 11 11 11 11 11 11 11	OI JAINAIN	'' ⊦	Ψ	177,402		
FCTIMA	FED COSTS (% of Estimated Constr	aintina Conta i Conti	rannina i Dani	an Faol				e	3 050 000		
	•		igencies + Desi	gii ree)			L	\$	3,850,000		
	n = percent per month multiplied by nu t. Date to mid-point of construction) =	mber of months	10	maniha	٥	0/ nar man	.415				
	gs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 mos	400/ 00 47 40/	16	months _		% per mor	HUI				
Selleral Bio	ys. 0-17 mos = 0%, 16-23 mos = .04%; 24-35 mos	= .12%; 30-47 mos = .10	%; 48-00 mos = . to	176							
lealth Bldgs	s: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 mos =	.26%; 18-23 mos = .29%	; 24-35 mos = .33%	5; 36-47 mos = .36%;	48-60 mos = .3	8%					
	TION COST INCREASE (Total of Estir						Γ	\$	-		
		,	,				<u></u>				
TOTAL E	ESTIMATED PROJECT COSTS /	Estimaled Costs + Esca	lation Cost Increa	se)				\$	3,850,000		
	may // 10 10 /	6					<u>-</u>				
APPROV	// A • //		-	TITLE: Director Fac	ilities Planning	and Design	<u>D.</u>	ATE: 9/18/1	5		
	(Governing Board or Agency F	tead)									

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

Ins	stitution: The University of North Carolina at Chapel Hill	Advance Planning Request							
Inc	acrease in Authorization from: \$\(\text{0}\) to \$\(\frac{\$30,000,000}{}\)	New Capital Project*: x							
Pro	roject Title: Fetzer Field Renovation								
Pro	roject Cost: \$30,000,000								
Soi	ource of Funds: Foundation Funds								
	If this project has previously had advance planning authority, please identification of the carried. Code Item	fy code/item number under which that							
Fo	or each advance planning project or capital construction project, plea	se provide the following:							
1.	Provide detailed description and justification: This project will renovate seating, lighting, concessions, restrooms, press box, team locker rooms amenities could include a new video board and programming designed	, offices, and playing field. Additional							
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 requirements over the life of the pr construction only):	oject by FY quarters (Answer for capital							
	Cash Flow Estimate for Total Project Cost								
4.	An estimated schedule for the completion of the project:								
	Design start: 1/1/16; Construction start: 11/1/16; Construction con	nplete: 9/1/18							
5.	An estimate of maintenance and operating costs and source of funding covering the first five years of operation (Answer for capital construction)								
6.	An estimate of revenues, if any, likely to be derived from the project, c (Answer for capital construction only):	overing the first five years of operation							
	n/a								

7. An explanation of the means of financing: Foundation Funds

STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE

Form OC-25 (Rev 09/14)

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

DEPARTMENT and DIVISION:	at Chapel Hill		DATE	:09/18	/15		
PROJECT IDENTIFICATION:	Fetzer Field Renovation						
PROJECT CITY or LOCATION:	Chapel Hill, NC						
PROJECT DESCRIPTION & JUSTIFICATI							
This project will renovate the existing stadio						ooms, om	ces, and playing
field. Additional amenities could include a r	lew video board and programming	designed to enr	nance play	er devel	opment.		
(Definitions/explanations are provided on pg 2 to	assist in completion of this form.)						
CURRENT ESTIMATED CONSTRUCTION		QTY	UNIT	CO	ST PER UNIT		TOTAL
A. Land Requirement							\$(
B. Site Preparation							
 Demolition 			LS	\$	90,000.00	\$	90,000
Site Work (include new field)		230,000	SF	\$	2.00	\$	460,000
C. Construction							
Utility Services			LS	\$	100,000.00	\$	100,000
Building Construction (new spa		78,000	SF	\$	210.00	\$	16,380,000
Building Construction (existing)				\$	_	\$	
Plumbing (existing)		78,000		\$	18.00	\$	1,404,000
HVAC (existing)		78,000		\$	25.00	\$	1,950,000
Electrical (Includes TV & Radio	•	78,000		\$	8.00	\$	624,000
Fire Supression and Alarm Sys	tems	78,000		\$	6.00	\$	468,000
8. Telephone, Data, Video		78,000		\$	10.00	\$	780,000
Associated Construction Costs	•	62,000		\$	45.00	\$	2,790,000
10. Other: Reserves		1	LS	\$	330,000.00	\$	330,000
D. Equipment							
1. Fixed			LS	\$	43,579.00	\$	43,579
2. Moveable		[1]	LS	\$	100,000.00	\$	100,000
ESTIMATED CONSTRUCTION COSTS						\$	25,519,579
Items below may be calculated by percentage or lu	mp sum. If using lump sum, make entry	in \$ field.					
DESIGN FEE	8.5 % (% of Estimate	d Construction Co	nsts)		ſ	\$	2,169,164
PRECONSTRUCTION COSTS	0 % (% of Estimate			CM@Risl	d)	\$	
COMMISSIONING	0.5 % (0.5% simple;				37	\$	127,598
SPECIAL INSPECTIONS/MATERIALS	1 % (1.25% estimate		.o 70 oompie	,		\$	255,196
SUSTAINABILITY	% (3% LEED Gol		r)		•	\$	
					<u> </u>	т	
ADVANCE DI ANNUNO		mming, feasibility				è	255,196
ADVANCE PLANNING	1 % (% of Estimated	d Construction Co	SIS)			\$	200,180
CONTINGENCIES	3 % (% of Estimated	d Construction Co	sts [3% Ne	w or 5% F	(&R])	\$	765,587
	nstruction Costs + Contingencies + Des	sign Fee)				\$	29,092,320
Escalation = percent per month multiplied by	number of months						
(From Est. Date to mid-point of construction) =	26	months _	0.1	2 % per ı	nonth		
General Bldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 n	nos = .12%; 36-47 mos = .16%; 48-60 mos = .1	8%					
	000/. 40 03 000/. 04 05 20	0/. 90 47 900	/- 40 CO	- 200			
Health Bldgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 mo		%; 30-47 HOS = .30%	6, 46-00 MOS	= .36%	Г	¢.	007 600
ESCALATION COST INCREASE (Total of E	sumated Costs x Escalation %)				Ĺ	\$	907,680
TOTAL ESTIMATED/PROJECT COST\$	(Estimated Costs + Escalation Cost Incre	ase)			Γ	\$	30,000,000
// - //	1	•			L		
APPROVED BY: //// Xh //	,	TITLE: Director Fac	ilities Plannin	a and Desi	an C	DATE: 9/18/:	2015

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

Ins	titution:	The Uni	versity of North	Caro	lina at Chape	el l	Hill .	Advance Plann		
Inc	rease in Authorization	on from:	\$ <u>0</u> to <u>\$10</u>	,000,	,000			New Cap	ital Project*: \overline{x}	
Pro	oject Title: Practice F	ield Reno	ovation and Expa	nsio	n at Finley Fi	iel	ds			
Pro	oject Cost: \$10,000,	000								
Soi	urce of Funds: Found	dation Fu	ınds							
	this project has prev hority is carried. Co			ng a	uthority, plea	ıse	identify code	/item number	under which tha	nt
Fo	r each advance plan	ning pro	oject or capital c	onst	ruction proj	ec	t, please prov	vide the follow	ing:	
1.	Provide detailed description and justification: This project will replace 2 existing grass fields with 2 artificial fields to be used as practice fields by multiple men's and women's varsity sports programs. Additionally, the project will add 2 new grass fields south of the Finley Field complex that would serve as practice fields for multiple men's and women's varsity sports programs.									
2.	An estimate of acqu (Answer for capital	construc	tion only and inc					ontingency and	l other related c	osts
3.	See attached Of An estimated sched construction only):			ents	over the life	of	the project by	FY quarters (Answer for cap	ital
	•	Cash	Flow Estimate for	or T	otal Project C	705	2f			1
Bv	End of:	Cush	3Q 2015-16		Q 2015-16	_	1Q 2016-17	2Q 2016-17	Total	-
_	xpected Expenditure		\$ 1,500,000	\$	5,000,000		\$ 2,500,000	\$1,000,000	\$10,000,000	
4.	An estimated sched	lule for th	ne completion of	the p	roject:					
5.	Design start: 01/1/16; construction start: 05/1/16; construction completion: 09/1/16									
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):							ears of operatio	n		
	n/a									

7. An explanation of the means of financing: Foundation Funds

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

Form OC-25 (Rev 09/14)

		DILININION	2013 - 2011					
		North Carolina at Chapel Hill DATE novation and Expansion at Finley Fields					09/18/15	
PROC This p	ECT DESCRIPTION & JUSTIFICAT troject will replace 2 existing grass fixed conally, the project will add 2 new grast try sports programs.	TON: (Attach add data as elds with 2 artificial field	ds to be used	as practice fiel	lds by multip	ole men's	and women's \	varsity sports programs,
-/Defini	tions/explanations are provided on pg 2 to	n assist in completion of t	his form					
	RENT ESTIMATED CONSTRUCTION		10111117	QTY	UNIT	cos	FPER UNIT	TOTAL
A.	Land Requirement							\$(
В.	Site Preparation			<u> </u>	h			
	1. Demolition			516,000	SF	\$	1.20	\$619,200
	Site Work (include synthetic an mitigation areas)	d grass turf fields and	stormwater	516,000	SF	\$	12.00	\$6,192,000
C.	Construction				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	···	· · · · · · · · · · · · · · · · · · ·	
	Utility Services (field irrigation			416,000	SF	\$	2.50	\$1,040,000
	Building Construction (new spanning)					<u> </u>		\$0
	Building Construction (existing) Building Construction (existing))				\$	-	\$(
	Plumbing (existing) HVAC (existing)					\$		\$0 \$0
	Flectrical (Includes TV & Radio	Studio)				\$		\$0
	7. Fire Supression and Alarm Sys					\$		\$0
	8. Telephone, Data, Video	itomo	ŀ			\$	-	\$0
	Associated Construction Costs	•	ŀ	,		<u> </u>		\$0
	10. Other: Reserves		İ	1	LS	\$	434,110.00	\$434,110
D.	Equipment			·			•	· · · · · · · · · · · · · · · · · · ·
	Fixed (Scoreboards)		[LS	\$	200,000.00	\$200,000
	2. Moveable (Sports equipment)		Ĺ	1	L\$	\$	80,000.00	\$80,000
	ATED CONSTRUCTION COSTS low may be calculated by percentage or lu	mp sum. If using lump su	m, make entry lr	n \$ field.			Ĺ	\$8,565,310
DESIG	N FEF	9 % /9	% of Estimated	Construction Co	iete)		Г	\$770,878
	DNSTRUCTION COSTS		Construction Co		\$0			
	ISSIONING			.0% moderate; 1.	-	\$42,827		
SPECIAL INSPECTIONS/MATERIALS 1.25 % (1.25% estimal						•		\$107,066
	INABILITY			, 2% LEED Silve	r)		<u>-</u>	\$0
ADVAN	ICE PLANNING			nming, feasibility Construction Co		\$85,653		
CONTINGENCIES 5 % (% of Estimated			% of Estimated	Construction Co	sts [3% New	\$428,266.50		
Escalat	ATED COSTS (% of Estimated Co ion = percent per month multiplied by ist. Date to mid-point of construction) =		ngencies + Des 17	ign Fee) months	n	% per mo	onth	\$10,000,000
,	ldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 n	_		_		,		
	gs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 mo ATION COST INCREASE (Total of E			%; 36-47 mos = .36%	5; 48-60 mos = .	38%	Γ	\$0
	ESTIMATED PROJECT COSTS	Estimated Costs + Escala		e)				\$10,000,000
	1 1	1 1					<u></u>	

TITLE: Director Facilities Planning and Design

DATE: 9/18/2015

APPROVED BY:

(Governing Board or Agesty Head)

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

Ins	titution: The Ur	iversity of North	Carolin	a at Chape	l Hil	<u> </u>	Adv		ing Request	
Inc	rease in Authorization from:	\$ <u>0</u> to <u>\$2,5</u>	900,000	<u>)</u>				New Cap	ital Project*:	X
Pro	oject Title: Kenan Stadiun	n LED Ribbon Bo	ards							
Pro	oject Cost: \$2,900,000									
Soi	urce of Funds: Foundation f	unds								
	this project has previously h hority is carried. Code		ing auth	ority, pleas	se ide	entify code	/iter	n number ı	ınder which t	hat
Fo	r each advance planning pr	oject or capital c	onstru	ction proje	ect, p	lease prov	vide	the follow	ing:	
1.	Provide detailed description and justification: This project will replace the existing video ribbon boards with a new LED ribbon boards around the perimeter of the upper deck seating area in Kenan Stadium.									
2.	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 for	m.								
3.	An estimated schedule of ca construction only):	ash flow requirem	ents ove	er the life o	of the	project by	FY	quarters (Answer for ca	apital
	Casl	n Flow Estimate f	or Tota	l Project C	ost					
Ву	End of:	3Q 2015-16		2015-16		2016-17	2Q	2016-17	Total	
E	xpected Expenditure	\$ 435,000	\$ 1	,450,000	\$	725,000	\$	290,000	\$ 2,900,00	0
4.	An estimated schedule for to Design: 1/1/16; Constru	-			mple	ete: 8/1/16				
5.	An estimate of maintenance covering the first five years								including per	rsonnel,
6.	An estimate of revenues, if (Answer for capital constru		lerived	from the pi	rojec	t, covering	the	first five y	ears of operat	ion
	n/a									

7. An explanation of the means of financing: Foundation funds

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

BIENNIUM 2015 - 2017

Form OC-25 (Rev 09/14)

DEPARTMENT and DIVISION: The University of North C PROJECT IDENTIFICATION: Kenan Stadium LED Ribb PROJECT CITY or LOCATION: Chapel Hill, NC						DATE:	09/18/15	
PRO	JECT DESCRIPTION & JUSTIFICAT project will replace the existing video	ON: (Attach add'i data a						
(Defin	itions/explanations are provided on pg 2 t	o assist in completion o	of this form.)					
	RENT ESTIMATED CONSTRUCTION	•		QTY	UNIT	CO	ST PER UNIT	TOTAL
A.	A. Land Requirement							\$0
В.	Site Preparation							
	1. Demolition			1	LS	\$	50,000.00	\$50,000
	2. Site Work (include synthetic an	d grass turt fields an	d stormwater					en.
C.	mitigation areas) Construction					1		\$0
O.	Utility Services					T		\$0
	Building Construction (new spa	ace)						\$0 \$0
	Building Construction (existing)					\$	-	\$0
	4. Plumbing (existing)					\$	_	\$0
	5. HVAC (existing)					\$	-	\$0
	6. Electrical (Includes TV & Radio			1	LS	\$	150,000.00	\$150,000
	7. Fire Supression and Alarm Sys	tems			,	\$	-	\$0 \$0
	Telephone, Data, Video Associated Construction Costs					\$	-	\$0 \$0
	 Associated Construction Costs Other: Reserves 			1	LS	\$	60,550.00	\$60,550
D.	Equipment <u>Inciserves</u>		_	<u> </u>	LO	ΙΨ	00,000,00]	900,000
٥.	Fixed (Scoreboards)			1	LS	\$	2,400,000.00	\$2,400,000
	2. Moveable (Sports equipment)					·		\$0
ESTIMATED CONSTRUCTION COSTS							[\$2,660,550
ltems b	elow may be calculated by percentage or li	ımp sum. If using lump	sum, make entry	in \$ field.				
DEOL							_	6470.020
	ON FEE			d Construction Co		.,	\$159,633 \$0	
	ONSTRUCTION COSTS ISSIONING		•	d Construction Co I.0% moderate; 1.	•	(1) F	\$0	
			(1.25% estimat		o% complex)	\$0		
· · · · · · · · · · · · · · · · · · ·			,	eu) d, 2% LEED Silver	r)		-	\$0
00017		70	•		•		<u> -</u>	
ADVANCE PLANNING Includes program (% of Estimated 6)					, analysis sts)	\$0		
CONT	INGENCIES _	3 %	(% of Estimated	d Construction Co	sts [3% New	or 5% F	(&R])	\$79,817
ESTIMATED COSTS (% of Estimated Construction Costs + Contingencies + Design Fee) Escalation = percent per month multiplied by number of months							\$2,900,000	
•	Est. Date to mid-point of construction) = 3ldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 r		6%; 48-60 mos = .1	months _ 8%	0	% per ı	month	
	dgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 m ATION COST INCREASE (Total of E			%; 36-47 mos = .36%	; 48-60 mos = .0	38%	Г	\$0
	·			*				
TOTAL ESTIMATED PROJECT COSTS (Estimated Costs + Escalation Cost Increase)						\$2,900,000		
APPRO	APPROVED BY: TITLE: Director Facilities Planning and Design DATE: 9/18/2015 Governing Board or Agency Head)							
	, v							

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

Ins	titution:	The University of	of North Carolina at C	napel Hill	Advance Planning		
Inc	rease in Authorizati	on from: \$ <u>0</u>	to \$2,817,500		New Capital	Project*: _	
Pro	oject Title:	Hooker Fields	Improvements				
Pro	oject Cost: <u>\$2,817,5</u>	500					
So	urce of Funds:						
aut	this project has preventing the hority is carried. Co	viously had advandede Ite	ce planning authority, em	please identify co			ıat
Fo	r each advance plai	nning project or	capital construction p	project, please p	rovide the following	;:	
1.	with new synthetic and to provide a sa quality of the synth	turf and a high effe playing area for netic turf, add pres	tification: This project fficient lighting system or the Campus Recreati mium padding below the maintenance equipment.	n. The field will on program. Fur he turf, install LF	be reconfigured to maing is required to u	eet regulati	ions
2.			, design, site developm y and include a comple			her related	costs
	See attached C	C-25 form .					
3.	An estimated sched construction only):		requirements over the	life of the project	t by FY quarters (Ans	swer for ca	pital
De	sign start: 8/1/15; Co	onstruction start: 8	8/1/15; Construction co	ompletion: 08/1/1	6		
4.	An estimated sched	dule for the compl	letion of the project:				
	By End of: Expected Expendit	1Q 2015-16 ure \$ 56,3	2Q 2015-16 3Q 2015-16 350 \$ 197,225 \$ 704,375		Q 2016-17	4Q18-19	Total \$ 2,817,500
5.			erating costs and source tion (Answer for capita			eluding pers	sonnel,
6.	An estimate of revo (Answer for capita n/a		ly to be derived from to y):	he project, cover	ing the first five year	s of operati	on
7.	An explanation of	the means of finar	ncing:				

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

Form OC-25 (Rev 09/14)

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

DEPARTMENT and DIVISION:	The University of		a at Chapel Hill			DATE:_	09/18/15	
PROJECT IDENTIFICATION: PROJECT CITY or LOCATION:	Hooker Fields Im Chapel Hill, NC	provements						
			colo cond also fice	tion of loan	arayamanla an ur	Il as a master stee \		
PROJECT DESCRIPTION & JUSTIFICATI This project will replace the existing synther meet regulations and to provide a safe play Additional funding is required to upgrade the sodium lighting and purchase turf maintena	tic turf and field lights ing area for the Cam ie quality of the synth	with new syn pus Recreatio	thetic turf and a n program.	high effi	cient lighhting	system. The fie	eld will be reco	
/D-F-W							<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	,
(Definitions/explanations are provided on pg 2 to CURRENT ESTIMATED CONSTRUCTION		this torm.)	QTY	UNI	Telle coet	PER UNIT	ТОТА	AT 307 307 308
A. Land Requirement	0031		<u> </u>	T. Olai	15 16 10001		\$	-
B. Site Preparation			<u> </u>			I	<u> </u>	
 Demolition 			180,000		\$	0.80		144,000
Site Work (include synthetic tu	rf)		180,000	SF	\$	7.20	\$	1,296,000
C. Construction			<u> </u>	т	- 1			
Utility Services	1		-				\$	
 Building Construction (new sp Building Construction (existing 							\$	
4. Plumbing (new space)) <i>)</i>		}	,	-		<u>\$</u> \$	
5. HVAC (new space)					<u> </u>		\$	
6. Electrical (field lights)			180,000	SF	\$	4.50	\$	810,000
Fire Supression and Alarm Sy	stems		·				\$	
8. Telephone, Data, Video							\$	
Associated Construction Costs Others			4	1.0			\$	400.000
D. Equipment Reserve:	5	-		LS	\$	120,000.00	\$	120,000
Equipment Fixed (micellaneous field equipment)	nment)		1	LS	\$	80,000.00	\$	80,000
2. Moveable	sinone,		<u> </u>		<u>`</u>)	
ESTIMATED CONSTRUCTION COSTS								2,450,000
Items below may be calculated by percentage or lun	np sum. if using lump su	ım, make entry ir	\$ field.			<u>. </u>		
DESIGN FEE	10 %	(% of Estimate	ed Construction Co	osts)			\$	245,000
PRECONSTRUCTION COSTS			d Construction Co		or CM@Risk])	\$	•	
COMMISSIONING			1.0% moderate; 1			\$	j	•
SPECIAL INSPECTIONS/MATERIALS		(1.25% estima				\$)	-
SUSTAINABILITY	%	(3% LEED Go	d, 2% LEED Silve	er)		\$	i	-
ADVANCE PLANNING	%		amming, feasibility d Construction Co		3	\$;	-
-						-		100 500
CONTINGENCIES -		(% of Estimate	d Construction Co	sis (3% i	46M 0 L 2% K&F	3) \$	1	122,500
· · · · · · · · · · · · · · · · · · ·	struction Costs + Conti	ngencies + Desi	gn Fee)			\$	i	2,817,500
Escalation = percent per month multiplied by r	number of months							
(From Est. Date to mid-point of construction) =	107 00 17 100	14	months _		<u>0</u> % per mor	ıth		
General Bldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 mo	os = .12%; 36-47 mos = .169	%; 48-60 mos = .18	%					
-leaith Bidgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 mos ESCALATION COST INCREASE (Total of Es			; 36-47 mos = .36%;	48-60 mos	= .38%	\$		-
_	(Estimated Costs + Escala	•	e)			\$		2,817,500
	11	_						
APPROVED BY:(Governing Board or Agenc	y Head)		TITLE: Director Faci	lities Plann	ning and Design	DAT	E: 9/18/15	

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

Ins	stitution:	UNC G	reensboro	A	Advance Planning Request:
	crease in Authoriz		\$ to \$ ator Modernization		New Capital Project*: X
Pro	oject Cost: \$361,	000			
So	urce of Funds:	Dining Rec	eipts and Student Activities	Fees	
	this project has p	•		ty, please identify code/	item number under which that
Fo	r each advance p	olanning pro	oject or capital construction	n project, please provi	ide the following:
1.	A detailed proje	ct descriptio	n and justification:		
	full modernizati	on of the ele		maintenance problems a	s serviceable life. The project is a and improve the service reliability
2.			planning, design, site develo tion only and include a com		ntingency and other related costs
	Attached				
3.	An estimated sc construction onl		sh flow requirements over t	he life of the project by	FY quarters (Answer for capital
	Oct – Dec, 2015	5 \$348	Apr – June, 2016 \$275,	030 Oct – Dec, 201	6 \$11,281
	Jan – Mar, 2016	5 \$19,174	July – Sept, 2016 \$55.	167	
4.	An estimated sc	hedule for th	ne completion of the project	:	
	Construction to	start: Marcl	n, 2016. Project completion:	July. 2016.	
5.			and operating costs and sou of operation (Answer for ca		rt these costs, including personnel,
	No change in co	sts.			
6.	An estimate of r (Answer for cap			n the project, covering t	the first five years of operation
	No revenues anti	cipated.			
7.	An explanation	of the means	s of financing:		

To be funded from available University 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: UNC Greensboro			DATE: 09/23/15					
out of the common	ECT IDENTIFICATION:	EUC Freight Eleva	ator Moderniza	ation		=:		
PRO.	ECT CITY or LOCATION:	Greensboro, NC						
projec	et							
is a f	ull modernization of the elev	rator to eliminate ongoing mair	tenance probl	ems and improv	e the service	reliabili	ty for the impo	rtant operations in the E
		on pg 2 to assist in completion o	f this form.)					
	RENT ESTIMATED CONSTI	RUCTION COST		QTY	UNIT	COS	T PER UNIT	TOTAL
Α.	Land Requirement							\$0
B.	Site Preparation	11. * 4			lı o		45.000.00	445.000
	 Demolition (walls and Site Work 	noistway doors)		1	LS	\$	15,000.00	\$15,000
C.	Construction					L		\$0
U.								φο.
	 Utility Services Building Construction 	/alayatar controllar dagra 9 r	ا مانیم میانی	1	1.0	•	205 000 00	\$0
	9	(elevator controller, doors & r (General work, framing & pair			LS LS	\$	225,000.00 15,000.00	\$225,000 \$15,000
	Building Constituction Plumbing	(General Work, Iranning & Pali	iting)		LO	φ	15,000.00	\$15,000
	5. HVAC (new space)							\$0
		v lighitng, circuity, receptacles	& FA)	1	LS	\$	30,000.00	\$30,000
	7. Fire Suppression and		w17.1j		LO	Ψ	00,000.00	\$0
	8. Telephone, Data, Vid							\$0
	9. Associated Construct							\$0
	10. Other:	Gen. OH&P, Bonds & Ins.		1	LS	\$	27,000.00	\$27,000
	11.	Asbestos Testing	- .	1	LS	\$	1,500.00	\$1,500
	12.	Owner Expenses - Const.	<u>-</u>	1	LS	\$	5,500.00	\$5,500
D.	Equipment				ř			
	1. Fixed							\$0
FOTI	2. Moveable							\$0
	MATED CONSTRUCTION						ļ	\$319,000
ltems b	elow may be calculated by perce	entage or lump sum. If using lump	sum, make entry	/ in \$ field.				
CONT	INGENCIES	5 %	(% of Estimate	ed Construction Co	nete 13% New	or 5% R	&R1\	\$15,950
	ECT MANAGEMENT FEE			f Estimated Const				\$0
	SN FEE	7.75 %		ed Construction Co		OVCI WIO	,000)	\$25,959
	ONSTRUCTION COSTS			ed Construction Co		M@Risk1	1	\$0
	MISSIONING	%	•	1.0% moderate; 1	_		'	\$0
	IAL INSPECTIONS/MATER		(oro to outline)	The form oderate, i	io io compioni		ŀ	
	NG/GEOTECHNICAL		(1.25% estima	ited)				\$0
		3 					}	
SUST	AINABILITY	%		ld, 2% LEED Silve				\$0
۸۵۷۸	NCE DI ANNINO	0/.		ramming, feasibility				\$0
ADVA	NCE PLANNING	70	(% of Estimate	ed Construction Co	osts)			Φ0
COTIA	MATED COSTS (% of Es	timated Canalaustian Casta . Can	dinasasias . Da	-l [)				\$360,000
		timated Construction Costs + Cor	itingencies + De	esign ree)			l	\$360,909
	elitaritation of the second elitaritation and the second elitaritation of the second e	ultiplied by number of months		mantha		0/ norn	anth	
	Est. Date to mid-point of cons	.04%; 24-35 mos = .12%; 36-47 mos = .	400/- 40 CO man -	months .	(i	% per n	ionin	
	ma ^{re} r nan Sana - k	2 %; 12-17 mos = .26%; 18-23 mos = .2			%: 49 60 mac =	200/		
		(Total of Estimated Costs x Es		3576, 30-47 1110530	70, 40-00 11105 -	.3070	1	\$0
	ING REPLACEMENT COST	, A	calation 70)				}	
								\$0
TOTA	L ESTIMATED PROJECT	COSTS Estimated Costs + Es	scalation Cost Inco	easel Vi C	ha !!			\$360,909
	1 1	777	H55(Juliale VICE C	nancellor	tor Fa	cilities	A 00 IF
APPRO	VED BY:		TITLE					DATE 9-28-15
	Governing R	ard or Agency Head)						

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

Institution:	Western Carolina University	Advance Planning Request:
		New Capital Project*: X
Increase in Authori	ization from: \$0 to \$2,113,984	
Project Title: En	nergency Temporary Steam Plant Equipment	
Project Cost: \$2,	,113,984	
Source of Funds: _	R&R Funds	
*If this project has authority is carried	previously had advance planning authority, please . Code Item	e 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:

The existing steam plant has four boilers, with manufacturer dates listed as 1951, 1966, 1968, and 1973. Boiler #1 (circa 1951) has reached the end of its useful life, and will be replaced by (3) new 300 BHP boilers. The boilers will be high efficiency modular type served by a dedicated uninterruptable gas service. Ancillary equipment will include boiler feed pumps, duplex condensate pump, dedicated chemical feed system, and plant control system.

- 2. An estimate of acquisition, planning, design, site development, construction, contingency and other related costs (a completed OC-25 form) \$2,113,984
- 3. An estimated schedule of cash flow requirements over the life of the project by FY quarters (Answer for capital construction only):

Quarter	Contingency	Design	Construction	Total
FY16-Q2		123,200		123,200
FY16-Q4		44,000	879,000	923,000
FY17-Q1	91,414	27,100	949,270	1,067,784
Total	91,414	194,300	1,828,270	2,113,984

- 4. An estimated schedule for the completion of the project: 11/15/16
- 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): **Not applicable**
- 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): **Not applicable**
- 7. An explanation of the means of financing: **R&R 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

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

DEPARTMENT and DIVISION: PROJECT IDENTIFICATION: PROJECT CITY or LOCATION:	Emergency T	Western Carolina University DA Emergency Temporary Steam Plant Equipment Cullowhee, NC						
PROJECT DESCRIPTION & JUSTIFICATION					and of the conful life, and			
The existing steam plant has four boilers, w will be replaced by (3) new 300 BHP boilers include boiler feed pumps, duplex condensa	s. The boilers will be high efficiency r	modular type served by a dedic	cated uninterr					
CURRENT ESTIMATED CONSTRUCTION	COST	QTY	LUNIT	COST PER UNIT	TOTAL			
A. Land Requirement					\$0			
B. Site Preparation			I		<u> </u>			
1. Demolition					\$0			
2. Site Work					\$0			
C. Construction								
 Utility Services 					\$0			
Building Construction (new spa	ce)				\$0			
Building Construction (existing)			1 LS	\$ 1,828,270.0	0 \$1,828,270			
Plumbing (new space)					\$0			
HVAC (new space)					\$0			
6. Electrical (Includes TV & Radio	•				\$0			
7. Fire Supression and Alarm Sys	tems				\$0			
8. Telephone, Data, Video					\$0			
9. Associated Construction Costs10. Other:								
D. Equipment								
1. Fixed					\$0			
Moveable					Ψ0			
ESTIMATED CONSTRUCTION COSTS					\$1,828,270			
Items below may be calculated by percentage or lui	mp sum. If using lump sum, make entry in	\$ field.						
DESIGN FEE	9.6 %	(% of Estimated Construction	n Costs)		\$176,000			
PRECONSTRUCTION COSTS	 %	(% of Estimated Construction	•	CM@Risk])	\$0			
COMMISSIONING	1 %	(0.5% simple; 1.0% moderate	e; 1.5% comple	ex)	\$18,300			
SPECIAL INSPECTIONS/MATERIALS	 %	(1.25% estimated)			\$0			
SUSTAINABILITY	%	(3% LEED Gold, 2% LEED S	Silver)		\$0			
	0.4	Includes programming, feasik						
ADVANCE PLANNING	%	(% of Estimated Construction	n Costs)		\$0			
CONTINGENCIES	5_%	(% of Estimated Construction	n Costs [3% Ne	ew or 5% R&R])	\$91,414			
•	onstruction Costs + Contingencies + Des	sign Fee)			\$2,113,984			
Escalation = percent per month multiplied by		0 months	,	0 % nor month				
(From Est. Date to mid-point of construction) = General Bldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35				% per month				
Health Bldgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 m			6					
ESCALATION COST INCREASE (Total of					\$0			
TOTAL ESTIMATED PROJECT COSTS	(Estimated Construction Costs + Escalation	n Cost Increase)			\$2,113,984			
APPROVED BY:		TITLE			DATE			
	ard or Agency Head) OF NORTH CAROLINA - DEPART STATE CONSTRUCTIO				Form OC-25			
PROPOSEI	STATE CONSTRUCTION D REPAIR & RENOVATION OR CAI BIENNIUM 2013 -	PITAL IMPROVEMENT PROJ	ECT		(Rev 05/12)			
	DEFINITIONS OR EXPL							
(Items not listed below are presumed to be $% \left(\left(1\right) \right) =\left(1\right) \left(1$	self-explanatory. Questions may be	directed to the State Construc	ction Office.)					

Item on Form

Definition/Explanation

CURRENT ESTIMATED CONSTRUCTION COST	Attach basis and justification for estimate. Include description, quantities, units, special features,
A. Land Requirement	Includes purchase and acquisition costs (title search, filling fees, other legal fees, etc.) required to
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.

BOILER PLANT - PHASE I - OPTION 1

EQUIPMENT

EQUIPMENT				
DESCRIPTION	QTY	UNIT	ITEM TOTAL	TOTAL
DEMOLITION				
Remove exterior window	244	SQFT	14.00	3,416
Remove masonry between windows	49	SQFT	18.00	882
Temporary shoring	19	LNFT	150.00	2,850
Temporary protection at removed window	293	SQFT	12.00	3,516
Remove boiler mezzanine	220	SQFT	25.00	5,500
Remove Boiler 1	1	LPSM	44,000.00	44,000
Remove piping/accessories	1	LPSM	12,000.00	12,000
Remove housekeeping pads	600	SQFT	4.00	2,400
PIPING				
4" NG	60	LNFT	65.00	3,900
2" NG	60	LNFT	50.00	3,000
2" DW	105	LNFT	45.00	4,725
1.5" Boiler Feed Water	150	LNFT	40.00	6,000
2" vent piping	450	LNFT	70.00	31,500
Drain piping	60	LNFT	35.00	2,100
Compressed air piping	120	LNFT	30.00	3,600
6" HPS	90	LNFT	102.00	9,180
EQUIPMENT				
Miura EX - 300 BHP (Includes installation)	3	EACH	274,500.00	823,500
Flue piping - IN BOILER PRICING				0
Boiler Feed Pumps - IN BOILER PRICING				0
Chemical feed tanks	1	EACH	7,000.00	7,000
Blow down separator	1	EACH	8,000.00	8,000
Sample Cooler	2	EACH	6,000.00	12,000

Controls - IN BOILER PRICING				0
Electrical panel/connections	1	LPSM	28,500.00	28,500
MISCELLANEOUS ITEMS				
Housekeeping pads		SQFT	14.00	13,205
Reinstall exterior window	244	SQFT	30.00	7,320
Replace exterior masonry	49	SQFT	45.00	2,205
Remove temporary shoring	19	LNFT	25.00	475
Remove temporary protection	293	SQFT	6.00	1,758
Louver	150	SQFT	65.00	9,750
BUILDING UPGRADE				
Fire alarm (includes premium for existing condi	6,000	SQFT	7.50	45,000
Fire sprinkler (includes premium for existing co	6,000	SQFT	8.00	48,000
Automatic transfer switch	1	EACH	16,000.00	16,000
Miscellaneous valves, pumps, fittings	1	LPSM	36,000.00	36,000
Cut and patch required for pipe installation	1	LPSM	15,000.00	15,000
Rigging and hoisting	1	LPSM	60,000.00	60,000
SUB-TOTAL				1,272,282
MARKUPS (13.70%) + CONTINGENCY (25%) + LC	CATIO	N/ACCI	SS/PHASING (555,987
TOTAL				1,828,270

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

Institution:	Western Carolina University	Advance Planning Request: New Capital Project*: X
	ization from: \$0 to \$620,220 ndison Roof Replacement	New Capital Floject. A
Project Cost: \$620),220	
Source of Funds: H	Housing Reserves	
*If this project has authority is carried	previously had advance planning authority, please. Code Item	e 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:

Madison Hall will need a roof replacement in the immediate future, along with a building envelope evaluation and associated remediation. The existing roofing is deteriorating quickly with multiple water intrusions, and will need to be replaced to ensure the building envelope integrity. Additionally, there is suspected damage to the underlying roof plank system, which may need repair and/or replacement. Finally, envelope remediation is anticipated for cornice repointing, molding repair, and downspout/gutter improvements. The new proposed roof will be an architectural asphalt shingle roof composition, with associated waterproofing and flashing details to be reviewed and designed accordingly.

- 2. An estimate of acquisition, planning, design, site development, construction, contingency and other related costs (a completed OC-25 form) \$620,220
- 3. An estimated schedule of cash flow requirements over the life of the project by FY quarters (Answer for capital construction only):

Quarter	Contingency	Design	Construction	Total
FY15-Q3		33,600	0	33,600
FY16-Q1		24,570	400,000	424,570
FY16-Q2	26,650	2,400	133,000	162,050
Total	26,650	60,570	533,000	620,200

- 4. An estimated schedule for the completion of the project: 8/15/16
- 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): **Not applicable**
- **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): **Not applicable**
- 7. An explanation of the means of financing: Housing Reserves

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: Western Carolina University			1			DATE:	08/11/15
PRC	JECT IDENTIFICATION:	Madison Hall Roof Replacer	ment		_		
PRC	JECT CITY or LOCATION:	Cullowhee, NC					
PRC	JECT DESCRIPTION & JUSTIF	FICATION: (Attach add'l data as necessary	to indicate need, size, fu	ınction of imp	rovements as v	ell as a master pla	an.)
Mad	ison Hall will need a roof replace	ement in the immediate future. The ex	kisting roofing is dete	eriorating q	uickly with m	ultiple water in	trusions, and will
need	I to be replaced to ensure the bu	uilding envelope integrity. The new pr	oposed roof is an ar	chitectural	asphalt shin	gle roof compos	sition, with
asso	ciated waterproofing and flashir	ng details to be reviewed and designe	ed accordingly.				
				-	_		
	RENT ESTIMATED CONSTRU	ICTION COST	QTY	UNIT	COST F	PER UNIT	TOTAL
Α.	Land Requirement						\$0
B.	Site Preparation			ī			4.01
	1. Demolition						\$0
_	2. Site Work						\$0
C.	Construction			T			
	 Utility Services 						\$0
	Building Construction (news)	•					\$0
	Building Construction (e.	xisting)	9000	SF	\$	54.22	\$488,000
	Plumbing (new space)						\$0
	5. HVAC (new space)						\$0
	Electrical (Includes TV &						\$0
	7. Fire Supression and Ala	rm Systems					\$0
	8. Telephone, Data, Video						\$0
	Associated Construction						
_		ornice/Gutter Restoration)	400	LF	\$	112.50	\$45,000
D.	Equipment				•		
	1. Fixed						\$0
	2. Moveable						
EST	IMATED CONSTRUCTION CO	OSTS					\$533,000
Items	below may be calculated by percent	tage or lump sum. If using lump sum, mak	e entry in \$ field.				
חבכ	ION FFF	0 9/ (0/ of Fot	timated Construction C	`aata\		_	\$47,970
	IGN FEE CONSTRUCTION COSTS		timated Construction C		r CM@Diald\		\$47,970
	MISSIONING		nple; 1.0% moderate;	-			\$0 \$0
	CIAL INSPECTIONS/MATERIA	(1.5 % CUMPI	EX)	-	\$12,600
	TAINABILITY		D Gold, 2% LEED Silv	(or)			\$12,000
303	TAINADILITT						ΨΟ
۸۵۷	ANCE PLANNING		programming, feasibili timated Construction C				\$0
						-	
CON	ITINGENCIES		timated Construction C	Costs [3% No	ew or 5% R&F	R])	\$26,650
EST	IMATED COSTS (% of Estim	nated Construction Costs + Contingencies	s + Design Fee)				\$620,220
Esca	lation = percent per month multi	iplied by number of months					
(Fror	m Est. Date to mid-point of constr	uction) =	0 months		0 % per mo	nth	
Gener	al Bldgs: 0-17 mos = 0%; 18-23 mos = .04	4%; 24-35 mos = .12%; 36-47 mos = .16%; 48-60	mos = .18%		_ -		
		%; 12-17 mos = .26%; 18-23 mos = .29%; 24-35 r		.36%; 48-60 m	nos = .38%		
ESC	ALATION COST INCREASE (T	Total of Estimated Construction Costs x	(Escalation %)				\$0
TOT	AL ESTIMATED PROJECT C	COSTS (Estimated Construction Costs + 1	Escalation Cost Increase	e)			\$620,220
						L	

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

Institution:	Western Carolina University	Advance Planning Request: New Capital Project*: X
	rization from: \$0 to \$493,550	New Capital Project :
Project Title: R	eid Building Career Center Renovation	
Project Cost: \$49	3,550	
Source of Funds:	R&R Funds	
*If this project has	s previously had advance planning authority, please d. Code Item	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:

The Reid Building renovation will support student services and enhance the career center initiatives. The program consists of 2800 SF of program space that will include: offices, a conference room, a peer education space, and supporting spaces. A new exterior façade to the building will complement the existing architecture, as well as define the entrance to the new career center.

- 2. An estimate of acquisition, planning, design, site development, construction, contingency and other related costs (a completed OC-25 form) \$493,550
- 3. An estimated schedule of cash flow requirements over the life of the project by FY quarters (Answer for capital construction only):

Quarter	Contingency	Design	Construction	Total
FY16-Q2		34,610	0	34,610
FY16-Q3		10,575	363,000	373,575
FY16-Q4	21,150	4,215	60,000	85,365
Total	21,150	49,400	423,000	493,550

- 4. An estimated schedule for the completion of the project: 6/15/16
- 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): **Not applicable**
- 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): **Not applicable**
- 7. An explanation of the means of financing: **R&R 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

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

DEP	ARTMENT and DIVISION:	Western Carolina				_	DATE:	09/10/15
PROJECT IDENTIFICATION: Reid Building Career Center Renovation								
	JECT CITY or LOCATION:	Cullowhee, NC						
PRO	JECT DESCRIPTION & JUSTIFICAT	ION: (Attach add'l data as	necessary to indi	cate need, size, fu	unction of impro	ovements as	s well as a maste	er plan.)
The I	Reid Building Career Center Renovati ogram space that will include: offices, omplement the existing architecture, a	on will support studer a conference room, a	nt services and peer education	enhance the c n space, and s	career center supporting sp	r initiatives	s. The progra	m consists of 2800 SF
CUR	RENT ESTIMATED CONSTRUCTION	N COST		QTY	UNIT	COST	PER UNIT	TOTAL
A.	Land Requirement							\$0
B.	Site Preparation							
	1. Demolition							\$0
	2. Site Work							\$0
C.	Construction		_					
	Utility Services							\$0
	Building Construction (new sp.			0000			400 (4	\$0
	3. Building Construction (existing)		2800	SF	\$	129.64	\$363,000
	4. Plumbing (new space)		-					\$0
	5. HVAC (new space)	- C4!!-\	-					\$0 \$0
	6. Electrical (Includes TV & Radio7. Fire Supression and Alarm Sy	•	_					\$0 \$0
	8. Telephone, Data, Video	2161112	-					\$0
	 Associated Construction Costs 		-					ΨΟ
	10. Other:	,	-					
D.	Equipment				<u> </u>			
	1. Fixed		Г					\$0
	2. Moveable			1	LS	\$	60,000.00	\$60,000
EST	MATED CONSTRUCTION COSTS		-		•			\$423,000
Items	below may be calculated by percentage or	lump sum. If using lump	sum, make entry	in \$ field.			•	
	GN FEE		(% of Estimated				ĺ	\$42,300
	CONSTRUCTION COSTS		(% of Estimated)	\$0
	IMISSIONING		(0.5% simple; 1		1.5% comple	x)		\$2,100
	CIAL INSPECTIONS/MATERIALS		(1.25% estimate					\$0 \$0
303	TAINABILITY		(3% LEED Gold					φυ
ADV	ANCE PLANNING	0.01 %	Includes progra (% of Estimated					\$5,000
CON	TINGENCIES	5 %	(% of Estimated	d Construction (Costs [3% Nev	w or 5% R	&R])	\$21,150
	MATED COSTS (% of Estimated Clation = percent per month multiplied by	Construction Costs + Color number of months	ntingencies + De	sign Fee)				\$493,550
	n Est. Date to mid-point of construction), al Bldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-3		0 .16%; 48-60 mos =	months .18%	0	% per m	onth	
	Bldgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 ALATION COST INCREASE (Total of				.36%; 48-60 mo	os = .38%	j	\$0
	AL ESTIMATED PROJECT COSTS				e)		[\$493,550
. 51		(Louinated Constituen	5 565t5 E364l4	555. 11016430	~,			

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

Institution:	Western Carolina University	Advance Planning Request: New Capital Project*: X
Increase in Autho	rization from: \$0 to \$560,000	New Capital Project . A
Project Title: To	elecom Infrastructure Rework Project	
Project Cost: \$56	50,000	
Source of Funds:	E&T Funds	
*If this project ha authority is carried	s previously had advance planning authority, please d. Code Item	e 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:

Project to provide for rework of telecommunication infrastructure located in existing building scheduled for demolition. Project includes new stand alone telecommunications building, including re-routing of wiring and infrastructure to meet master plan recommendations and IT departmental requirements.

- 2. An estimate of acquisition, planning, design, site development, construction, contingency and other related costs (a completed OC-25 form) \$560,000
- 3. An estimated schedule of cash flow requirements over the life of the project by FY quarters (Answer for capital construction only):

Quarter	Contingency	Design	Construction	Total
FY15-Q3		47,880	0	47,880
FY16-Q1		20,500	364,960	385,460
FY16-Q2	22,800	12,620	91,240	126,660
Total	22,800	81,000	456,200	560,000

- 4. An estimated schedule for the completion of the project: 8/15/16
- 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): **Not applicable**
- **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): **Not applicable**
- 7. An explanation of the means of financing: **E&T Funds**

Form OC-25

(Rev 05/12)

STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE

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

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

A. Land Requirement

	estern Carolina University lecom Infrastructure Rework Proje		DATE:	09/03/15						
PROJECT CITY or LOCATION:	lowhee, NC									
PROJECT DESCRIPTION & JUSTIFICATION: (Attach add'l data as necessary to	indicate need, size, function of improveme	nts as well as a master plan.)								
Project to provide for rework of telecommunication infrastructure located in routing of wiring and infrastructure to meet master plan recommendations		molition. Project includes	new stand	alone telec	ommunications buil	ding, including re-				
CURRENT ESTIMATED CONSTRUCTION COST		QTY	I U	NIT C	OST PER UNIT	TOTAL				
A. Land Requirement						\$0				
B. Site Preparation				ı						
1. Demolition			1 LS	\$	3,000.00	\$3,000				
2. Site Work			1 LS	\$	81,688.00	\$81,688				
C. Construction										
Utility Services			1 LS	\$	8,280.00	\$8,280				
Building Construction (new space)			180 SF	\$	550.61	\$99,110				
Building Construction (existing) Blanking (assumption)						\$0				
4. Plumbing (new space) 5. HVAC (new space)						\$0 \$0				
Electrical (Includes TV & Radio Studio)						\$0				
7. Fire Supression and Alarm Systems			1 LS	\$	14,000.00	\$14,000				
8. Telephone, Data, Video			1 LS	\$	232,100.00	\$232,100				
Associated Construction Costs						\$0				
10. Other:						\$0				
D. Equipment			-11-2							
1. Fixed			1 LS	\$	18,000.00	\$18,000				
2. Moveable						\$0 \$456,178				
ESTIMATED CONSTRUCTION COSTS Items below may be calculated by percentage or lump sum. If using lump sum, make en	ntry in ¢ field				L	\$430,170				
items below may be calculated by percentage of fump sum. If using fump sum, make en	nu y in \$ neid.									
DESIGN FEE	15 % (% of Esti	mated Construction Costs)				\$68,427				
PRECONSTRUCTION COSTS	0.75 % (% of Esti	mated Construction Costs [1	% for CM@I	Risk])		\$3,421				
COMMISSIONING		ple; 1.0% moderate; 1.5% o	omplex)			\$9,124				
SPECIAL INSPECTIONS/MATERIALS TESTING/GEOTECHNICAL	1.25 % (1.25% es	•				\$0				
SUSTAINABILITY	% (3% LEED	Gold, 2% LEED Silver)			_	\$0				
ADVANCE DI ANNINO		rogramming, feasibility, ana	lysis			*0				
ADVANCE PLANNING		mated Construction Costs)			_	\$0				
CONTINGENCIES		mated Construction Costs [3	8% New or 5	% R&R])	_	\$22,809				
ESTIMATED COSTS (% of Estimated Construction Costs + Contingencies Escalation = percent per month multiplied by number of months	+ Design Fee)					\$559,958				
(From Est. Date to mid-point of construction) =		0 months		0 %	per month					
General Bidgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 mos = .12%; 36-47 mos = .16%; 48-60 m	os = .18%									
Health Bldgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 mos = .26%; 18-23 mos = .29%; 24-35 mos	s = .33%; 36-47 mos = .36%; 48-60 mos = .38	%			-					
ESCALATION COST INCREASE (Total of Estimated Construction Costs x I	Escalation %)					\$0				
TOTAL ESTIMATED PROJECT COSTS (Estimated Construction Costs + Es	scalation Cost Increase)					\$560,000				
APPROVED BY:		TITLE			<u>1</u>	DATE				
	ROLINA - DEPARTMENT OF ADM	IINISTRATION				Form OC-25				
	TE CONSTRUCTION OFFICE NOVATION OR CAPITAL IMPROV	EMENT PRO IECT				(Rev 05/12)				
I NOI OOLD NEI AIN & NEI	BIENNIUM 2013 - 2015									
DEFI	NITIONS OR EXPLANATIONS									
(Items not listed below are presumed to be self-explanatory. Questions ma	ay be directed to the State Constru	ction Office.)								
ltem on Form		Definit	ion/Explan	ation						
CURRENT ESTIMATED CONSTRUCTION COST	Attach basis and justificatio	n for estimate. Include de	scription. a	uantities. ui	nits, special feature	s, similar cost on				
			po., q		.,	.,				

Includes purchase and acquisition costs (title search, filing fees, other legal fees, etc.) required to obtain land.

Includes but may not be limited to lead and/or asbestos testing and removal, building or interior space demolition B. 1. Demolition in whole or part.

> 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.

Includes but may not be limited to land surveys, lead/asbestos surveys, environmental assessments, copying, PRECONSTRUCTION COSTS 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.

Western Carolina University Estimate I 9/2/2015 Telco Hut #1 Fixed Cost Conceptual Estimate

B. 2. Site Work

Description	Quantity	Unit	П	Unit Price		TOTAL			Notes
electrical demolition	1	LS	\$	3,000.00	\$	3,000.00			
		_	•	-,	•	-,	\$	3,000.00	
wall demo/strip & grub site	1	LS	\$	6,000.00	\$	6.000.00	*	2,000.00	
segmental block retaining wall	988	SF	\$	30.00	\$	29.640.00			
select imported backfill/compaction	416	CY	\$	15.50	\$	6,448.00			
storm drainage	1	LS	\$	3,000.00	\$	3,000.00			
aluminum wall handrail	76	LF	\$	400.00	\$	30,400.00			
form and pour foundation	6	CY	\$	300.00	\$	1,800.00			
asphalt paving	100	SY	\$	44.00	\$	4,400.00			
						•	\$	81,688.00	
Electrical service/meter - 400A	1	LS	\$	8,280.00	\$	8,280.00		,	
				,	·	•	\$	8,280.00	
precast modular equipment shelter	1	LS	\$	99,110.00	\$	99,110.00	·	•	see Fibrebond quote
				•		•	\$	99,110.00	•
							·	•	ŭ
4" PVC conduit/ductbank	3550	LF	\$	22.00	\$	78,100.00			
copper cabling	2100	LF	\$	15.00	\$	31,500.00			
24 single mode FO cable/terminations	8750	CLF	\$	14.00	\$	122,500.00			
•					·	•	\$	232,100.00	
Fire Alarm	1	LS	\$	4.650.00	\$	4.650.00	•	,	
Chemical Fire Supression	1	LS	\$	6.950.00	\$	6,950.00			
Access Control/Cameras	1	LS	\$	2,400.00	\$	2,400.00			
		_	•	,	•	,	\$	14,000.00	
Fixed Equipment (IT Estimate)	1	LS	\$	18,000.00	\$	18,000.00		,	
, , , , , , , , , , , , , , , , , , , ,		_	•	,	•	,	\$	18,000.00	
							•	-,	

\$ 456,178.00

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

Ins	titution:	North C	arolina State University	Advance Planning Request: X New Capital Project*:
Inc	rease in Authorizatio	on from:	\$_200,000 to \$_400,000	Tiew Capital Froject .
	oject Title: CBC Chi			
Pro	oject Cost: AP Incre	ase Requ	nest \$200,000 (Total Project Cost \$4,947,980)	
Soi	urce of Funds: Utility	y Trust F	runds	
	this project has previously is carried. Co		d advance planning authority, please identify c 4_ Item _310	ode/item number under which that
Fo	r each advance plan	ning pro	oject or capital construction project, please p	provide the following:
1.	A detailed project d	lescriptio	n and justification:	
	increased demand f sewer, telecommun services to increase required to suppor permits. As CBC co	for a cent nications the ger t future ontinues	appus (CBC) will experience significant growth ralized utilities, including steam, chilled water, and gas. This project will provide complete peration capacity at the CBC Utility Plant as growth. Design and construction will be fur to grow, there is often a need for expansion of that is critical in today's market.	design, procurement, and installation well as the distribution of all utilities and in phases as funding availability
2.	An estimate of acqu (a completed OC-25		planning, design, site development, construction	n, contingency and other related costs
	See attached OC25.			
3.	An estimated sched construction only):	ule of ca	sh flow requirements over the life of the projec	t by FY quarters (Answer for capital
4.	An estimated sched	ule for th	ne completion of the project:	
	Design Start: 1/19/1 Construction Start:		Design Complete: 5/31/16 Construction Complete: 3/30/17	
_				

- 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:

Utility Trust Funds will fund this increase in AP Authority. Future thermal assessments will fund future phases of the 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)

DED	ARTMENT and DIVISION:	North Coupling Otata II						
	JECT IDENTIFICATION:	North Carolina State Ur Centennial Biomedical		ller Plant Ev	nancion	-	DATE:	09/03/15
	JECT CITY or LOCATION:	Raleigh - West Campus		iler Plant Ex	pansion			
PRO	JECT DESCRIPTION & JUSTIFICA			a nood siza fi	inction of impro	vomonte	as wall as a master pla	n1
Cent	ennial Biomedical Campus (CBC) w	ill experience significant grov	wth in the ne	vt ten veare	reculting in	an ince	as well as a master pla	a controlized estilities
includ	fing steam, chilled water, electrical,	water, sanitary sewer, storm	sewer telec	communicat	ions and das	This	project will provide	complete decian
procu	rement, and installation services to	increase the generation cap	acity at the C	BC Utility P	lant as well	as the	distribution of all uti	lities required to
suppo	ort future growth. Design and constr	uction will be funded in phas	ses as fundin	g availability	permits. As	CBC o	continues to grow, t	here is often a need
for ex	pansion of utility services, and this	authority will allow for the qui	ick response	that is critic	al in today's	marke	t.	nere to ottorra moda
	8				710	***		
	itions/explanations are provided on pg 2		form.)					
	RENT ESTIMATED CONSTRUCTION	ON COST		QTY	UNIT	CO	ST PER UNIT	TOTAL
А. В.	Land Requirement							\$0
Ь.	Site Preparation 1. Demolition							
	2. Site Work		-		_	-		\$0
C.	Construction							\$0
	1a. Utility Services (Steam & Co	endensate)		350	If	\$	1,640.00	\$574,000
	1b. Utility Services (Chilled Wat			350		\$	1,200.00	\$420,000
	1c. Utility Services (Steam Vaul	/		1	lump sum	\$	75,000.00	\$75,000
	2. Building Construction (new sp				Turrip curri	<u> </u>	70,000.00	\$0
	Building Construction (existing)	g)		15,504	GSF	\$	15.00	\$232,560
	Plumbing (existing space)							\$0
	5a. HVAC (existing space)			15,504	GSF	\$	45.00	\$697,680
	5b. HVAC (controls) 6. Electrical (existing space)		<u> </u>	15,504		\$	16.00	\$248,064
	 Electrical (existing space) Fire Supression and Alarm Sy 	vetome (unarado evetom)	-	15,504 15,504		\$	18.00	\$279,072
	8. Telephone, Data, Video (exis		-	15,504	GSF	\$	5.00	\$77,520
	Associated Construction Cost		<u> </u>	1	lump sum	\$	123,243.00	\$0 \$123,243
	10. Other:			1	idinp dain	<u> </u>	120,210.00	\$0
D.	Equipment		_					Ψ*
	Cooling Tower			1	unit	\$	684,000.00	\$684,000
FOTIS	2. Chiller		L	1	unit	\$	627,000.00	\$627,000
	IATED CONSTRUCTION COSTS							\$4,038,139
items b	elow may be calculated by percentage or	lump sum. If using lump sum, r	make entry in S	ifield.				
DESIG	N FFF	10 % (% of	Ectimated Co	netruction C	ooto)		_	1410 2014
	ONSTRUCTION COSTS		Estimated Co			Madia	-11\	\$403,814 \$40,381
	ISSIONING	1.5 % (0.5%					, <u> </u>	\$60,572
SPECI	AL INSPECTIONS/MATERIALS	0.5 % (1.259				,	-	\$20,191
SUSTA	INABILITY		EED Gold, 29		er)			\$0
			des programm					
ADVAN	ICE PLANNING		Estimated Co					\$0
CONTI	NGENCIES	· · · · · · · · · · · · · · · · · · ·				50/	-	
001111	NUCLIOILO	3 /6 (% 01	Estimated Co	instruction Co	osts [3% New	or 5%	H&H])	\$201,907
ESTIM.	ATED COSTS (% of Estimated 0	Construction Costs + Contingen	ncies + Design	Foo)				\$4,765,004
	ion = percent per month multiplied b		icics + Design	1 66)				\$4,700,004
	st. Date to mid-point of construction)		32 1	months	0.12	% per i	month	
General E	ldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35	mos = .12%; 36-47 mos = .16%; 48-		_		, p		
	gs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 i			6-47 mos = .369	%; 48-60 mos = .	38%		
	ATION COST INCREASE (Total of		П %)					\$182,976
TOTAL	ESTIMATED PROJECT COSTS	(Estimated Costs + Escalation	Cost Increase)					\$4,947,980
1 DDD -	V5D D	0						
APPRC	VED BY HAA	1	TITLE	E University /	Architect		DATE	9.3.15

(Governing Board or Agency Head)

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

Inst	itution: NC State	University	Advance Planning Request: X New Capital Project*:
	rease in Authorization from: \$_ ject Title: CBC Road Improve		New Capital Floject.
Proj	ject Cost: AP Request \$150,00	00 (Total Project Budget \$	1,500,000)
Sou	arce of Funds: Centennial Cam	pus Trust Fund	
	this project has previously had nority is carried. Code		y, please identify code/item number under which that
For	each advance planning proje	ect or capital construction	n project, please provide the following:
1.	A detailed project description	and justification:	
	entrances for William Moore I Biomedical Campus. The proje multiuse path that is approxim	Drive and Linda Murphy Dect will build approximated ately 300 feet long. The m	borough Street that will consolidate the existing driveway prive and serve as a new gateway to the Centennial by 1500 linear feet of new roadway and a 10-foot wide sultipurpose path will be constructed on the north side of oop road that will connect to Blue Ridge Road.
2.	An estimate of acquisition, pla (a completed OC-25 form)	nning, design, site develop	oment, construction, contingency and other related costs
	See attached OC-25.		
3.	An estimated schedule of cash construction only):	flow requirements over th	ne life of the project by FY quarters (Answer for capital
4.	An estimated schedule for the	completion of the project:	
	Design Start: 3/4/16 Construction Start: 11/14/16	Design Complete: Construction Com	
5.	An estimate of maintenance ar covering the first five years of		rce of funding to support these costs, including personnel oital construction only):
6.	An estimate of revenues, if any (Answer for capital construction)		n the project, covering the first five years of operation
7.	An explanation of the means o	of financing:	

Centennial Campus Trust Funds will pay for the design and construction of this project.

STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE

Form OC-25 (Rev 05/12)

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

PRC		ovements and Tra	affic Safety		-	DATE:	09/15/15
	JECT CITY or LOCATION: Raleigh - West C						
PRC	JECT DESCRIPTION & JUSTIFICATION: (Attach add') data a	as necessary to indicate	te need, size, fun	ction of improven	nents as v	vell as a master plan	.)
This linda road	project will create a new driveway entrance at Hillsboroug Murphy Drive, and that will be a new gateway to the Cent way and a 10-foot wide multiuse path that is approximately at from the I-440 ramps to the planned loop road that will c	h Street that will of the street that will of the street land the street land. The street land	consolidate the Campus. The mutipurpo	ne existing driv	veway e build ap	entrances for Wil	liam moore Drive and 0 linear feet of new
/Defir	sitions/ovplanations are provided on as 0 to assist in accordance	of this ()					
CUR	itions/explanations are provided on pg 2 to assist in completion RENT ESTIMATED CONSTRUCTION COST	of this form.)	QTY	UNIT	L 000	T PER UNIT	TOTAL
Α.	Land Requirement	ŀ	QTT	UNIT	003	I PER UNIT	SC \$C
B.	Site Preparation						Ψ.
	Demolition (existing entries)	Г		2 lump sum	\$	10,000.00	\$20,000
	2a. Site Work (Erosion control)		10	1 lump sum	\$	95,000.00	\$95,000
	2b. Site Work (Excavation & Grading)			1 lump sum	\$	300,000.00	\$300,000
	2c. Site Work (Asphalt, Curb, Gutter)	Ī		lump sum	\$	453,000.00	\$453,000
C.	Construction	_		· · · · · · · · · · · · · · · · · · ·			
	1. Utility Services (infrastructure for future traffic signal	al)		lump sum	\$	20,000.00	\$20,000
	2. Building Construction (retaining wall & fencing/railir	ng)		l lump sum	\$	70,000.00	\$70,000
	Building Construction (existing)						\$0
	Plumbing (new & existing space)	Γ					\$0
	HVAC (new & existing space)						\$0
	Electrical (new)		1	lump sum	\$	100,000.00	\$100,000
	7. Fire Supression and Alarm Systems (new & existing	g space)					\$0
	8. Telephone, Data, Video (new & existing space)						\$0
	Associated Construction Costs			lump sum	\$	30,584.00	\$30,584
	10. Other: Landscaping			lump sum	\$	60,000.00	\$60,000
	11. Other: Gateway	_ L	1	lump sum	\$	20,000.00	\$20,000
D.	Equipment	_					
	1. Fixed	ļ_		1			\$0
-a-	2. Moveable	L					\$0
	MATED CONSTRUCTION COSTS					L	\$1,168,584
Items b	elow may be calculated by percentage or lump sum. If using lump	sum, make entry in \$	S field.				
DESIG	GN FEE 10 %	(0) of Estimated	0				\$110.050
		(% of Estimated					\$116,858
		(% of Estimated)) <u> </u>	\$6,500
		(0.5% simple; 1.0		1.5% complex)		<u>_</u>	\$0
		(1.25% estimated				L	\$11,686
5051	AINABILITY%	(3% LEED Gold,	2% LEED Silv	er)		-	\$0
ADVA	NCE PLANNING%	Includes program (% of Estimated)					\$150,000
CONT	INGENCIES 3 %	(% of Estimated	Construction C	osts [3% New	or 5% R	&B1)	\$35,058
	-	,					400,000
	ATED COSTS (% of Estimated Construction Costs + Cortion = percent per month multiplied by number of months	ntingencies + Desig	gn Fee)				\$1,488,686
From	Est. Date to mid-point of construction) = 8ldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 mos = .12%; 36-47 mos = .	19 16%: 48-60 mos = 189	months	0.04	% per m	onth	
	dgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 mos = .26%; 18-23 mos = .2		; 36-47 mos = .36	%; 48-60 mos = .	38%	_	
SCAL	ATION COST INCREASE (Total of Estimated Costs x Esc	alation %)					\$11,314
ΌΤΔΙ	ESTIMATED PROJECT COSTS (Estimated Costs + Esc	alation Cost Ingrassa				_	\$1 500 000
							\$1,500,000 TE 9:16:15
ILLH(OVED BY:	TI	TIF University	Architect		D.A	TF L'IU

(Governing Board or Agency Head)

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

Ins	titution:	University of N	North Carolina at C	Charlotte		Planning Request: X		
Ina	rease in Authorization	on from: ¢	to \$		Nev	v Capital Project*:		
	oject Title: Admission		to \$	_				
Pro	oject Cost: Advance	ed Planning Req	uest of \$700,000 (Total Project Co	est \$7,000,000)			
Soi	urce of Funds: Non-	General Funds (Institutional Trust	Funds)				
ψτο		. 1 1 1 1	1		C 1 //.	1 1 1:1.4		
	this project has previous hority is carried. Co			ority, piease iden	tiry code/item nui	mber under which that		
Fo	r each advance plan	ning project o	capital construc	tion project, ple	ease provide the	Collowing:		
1.	A detailed project d	lescription and j	ustification:					
	This project is to construct a new Admissions Center on campus. The Admissions Center is intended to welcome prospective students and their families to campus, to house undergraduate admissions offices, and serve as a starting point for campus orientation and tours. Current facilities are inadequate to serve projected increases in prospective students and their families visiting campus. The Admissions staff, charged with enrolling new undergraduate students, will move to this facility, freeing space in Cato Hall to accommodate growth in other University functions. The building is projected to be 18,000 square feet and will be located in the South Village area of campus.							
2.	An estimate of acqu (a completed OC-2:		g, design, site deve	elopment, constr	uction, contingend	ey and other related costs		
	Attached							
3.	An estimated sched construction only):	ule of cash flow	requirements ove	r the life of the p	project by FY quan	ters (Answer for capital		
	FY16 QTR 2	\$107,696	FY17 QTR 2	\$53,846	FY18 QTR 2	\$1,588,461		
	FY16 QTR 3	\$161,583	FY17 QTR 3	\$1,058,974	FY 18 QTR 3	\$529,487		
	FY16 QTR 4	\$161,538	FY17 QTR 4	\$1,588,461				
	FY17 QTR 1	\$161,538	FY18 QTR 1	\$1,588,461				
4.	An estimated sched	ule for the comp	oletion of the proje	ect:				
	Design Start	11/1/2	2015	Construction S	Start 2/1/20	17		
	Construction Comp	olete 2/1/20	018	Occupy	4/1/20	18		
5.								
	Fiscal Year 2018	\$131,	,177	Fiscal Year 20	21 \$239,0	523		
	Fiscal Year 2019	\$239,	,623	Fiscal Year 20	\$239,0	523		
	Fiscal Year 2020	\$239,	623					
6.	An estimate of reve (Answer for capital			rom the project,	covering the first	five years of operation		

7. An explanation of the means of financing:

Non-General Funds

N/A

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.)

	ARTMENT and DIVISION:	UNC Charlotte	DATE:	E: 08/25/15				
	JECT IDENTIFICATION:		Admissions Center Charlotte					
	JECT CITY or LOCATION:							
	JECT DESCRIPTION & JUSTIFICA							
	sions offices, and serve as a starting point for g campus. The building is projected to be 18,0				cted increase	s in prospective stud	ents and their families	
VIOLIII	g campas. The ballang is projected to be 10,	soo square reet and will be le	nated in the South vinage area of ca	mpus.				
	RENT ESTIMATED CONSTRUCTION	ON COST	QTY	UNIT	COS	T PER UNIT	TOTAL	
Α.	Land Requirement						\$0	
B.	Site Preparation			TI O		40.000.001	440.000	
	1. Demolition			LS	\$	10,000.00	\$10,000	
0	2. Site Work		18000	SF	\$	48.00	\$864,000	
C.	Construction		10.000	VICE.	ı dı	1 10	¢10.000	
	Utility Services Duilding Construction (now a	,,,,,	18,000 18000		\$	1.10 213.34	\$19,800 \$3,840,120	
	Building Construction (new s Building Construction (evicting)		10000) SF	\$	213.34	\$3,040,120	
	3. Building Construction (existing4. Plumbing (new space)	iy)	18000) SE	\$	13.00	\$234,000	
	5. HVAC (new space)		18000		\$	20.00	\$360,000	
	Electrical (Includes TV & Rad	dio Studio)	18000		\$	15.00	\$270,000	
	7. Fire Supression and Alarm S		18000		\$	2.00	\$36,000	
	8. Telephone, Data, Video	Jotomo	18000		\$	5.00	\$90,000	
	 Associated Construction Cos 	sts					\$0	
	10. Other: FM Su		1	LS	\$	37,303.00	\$37,303	
D.	Equipment					<u> </u>		
	1. Fixed		18000	SF	\$	3.50	\$63,000	
	2. Moveable		18000	SF	\$	3.00	\$54,000	
EST	IMATED CONSTRUCTION COST	S					\$5,878,223	
Items	below may be calculated by percentage or	r lump sum. If using lump	sum, make entry in \$ field.					
DEC	IONIFFF	10 0/	(0) (5) 1 10 1 11 (2		_	¢E07 022	
	IGN FEE		(% of Estimated Construction ((% of Estimated Construction (or CM@Dia	L1)	\$587,822 \$0	
	CONSTRUCTION COSTS MISSIONING		(0.5% simple; 1.0% moderate;			K])	\$29,391	
	CIAL INSPECTIONS/MATERIALS		(1.25% estimated)	1.3% (011)	Jiex)	-	\$73,477.79	
	TAINABILITY		(3% LEED Gold, 2% LEED Silv	ver)			\$0	
505	T/MIV/ADIETT I						Ψ0	
ΔDV	ANCE PLANNING	1 %	Includes programming, feasibil (% of Estimated Construction (5		\$58,782	
			•	•		D 0 D1)		
CON	ITINGENCIES	3 %	(% of Estimated Construction (Josts [3% i	New or 5%	R&R])	\$176,347	
FST	IMATED COSTS (% of Estimated	Construction Costs + Co	ontingencies + Design Fee)				\$6,804,043	
	alation = percent per month multiplied		intingencies + Design reej			L	\$0,00 1,0 10	
	n Est. Date to mid-point of construction	•	24 months	0.	12 % per r	nonth		
	al Bldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24							
Health	Bldgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-1	17 mos = .26%; 18-23 mos = .2	29%; 24-35 mos = .33%; 36-47 mos = .	36%; 48-60 n	nos = .38%			
ESC	ALATION COST INCREASE (Total	of Estimated Constructio	n Costs x Escalation %)				\$195,956	
тот	AL ESTIMATED PROJECT COST	ΓS (Estimated Constructi	ion Costs + Escalation Cost Increase	e)			\$7,000,000	
APP	ROVED BY:		TITLE			DA	ATE	
	(Governing Board or Ag	ency Head)						
		ORTH CAROLINA - DE	EPARTMENT OF ADMINISTE RUCTION OFFICE	RATION			Form OC-25 (Rev 05/12)	

PROPOSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJECT

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

Ins	The University of North Carolina at Chapel Hill Advance Planning Request New Capital Project*:
Inc	crease in Authorization from: \$\frac{1,000,000}{2,300,000} to \$\frac{\$2,300,000}{2}
Pro	pject Title: Campus Sidewalk Improvements
Pro	oject Cost: \$2,300,000
So	urce of Funds: Trust Funds
	this project has previously had advance planning authority, please identify code/item number under which that thority is carried. Code_41323 Item320_
Fo	r each advance planning project or capital construction project, please provide the following:
1.	Provide detailed description and justification: This project will restore the existing brick pavers and correct accessibility deficiencies in the "Pit" area. Additional improvements will be made to the existing landscape structures to improve pedestrian circulation and to the stormwater drainage system to eliminate flooding in the area. These improvements will better support the activities and events in this central hub of the campus. Additional funding of \$1,300,000 is required to include the complete scope of the project identified in the comprehensive improvement study for the area.
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 requirements over the life of the project by FY quarters (Answer for capital construction only):
	FY14-15 FY14-15 Total ected Expenditure \$40,648 \$23,000 \$46,000 \$92,000 \$230,000 \$345,000 \$575,000 \$46,000 \$345,000 \$15,000 \$15,000 \$15,000 \$69,000 \$230,000
4.	An estimated schedule for the completion of the project:
	Design: 2/1/15; construction start: 05/1/1; construction completion: 8/1/17
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): 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): n/a

7. An explanation of the means of financing: Trust Funds – Open Space Infrastructure Fees

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

Form OC-25 (Rev 09/14)

DATE: 9/15/15

TITLE: Director Facilities Planning and Design

	f North Carolina at Chapel l idewalk Improvements			DATE:	09/18/15
PROJECT DESCRIPTION & JUSTIF!CATION: (Attach add'I data as This project will restore the existing brick pavers and correct accessi structures to improve pedestrian circulation and to the stormwater dr activities and events in this central hub of the campus. Additional fur improvement study for the area.	ibility deficiencies in the "Pit" rainage system to eliminate fl	area. Ad ooding in	iditional im the area.	provements will be m These improvement	ade to the existing landscape s will better support the
(Definitions/explanations are provided on pg 2 to assist in completion of t CURRENT ESTIMATED CONSTRUCTION COST A. Land Requirement	this form.)		JNIT:	COST PER UNIT	TOTAL \$(
B. Site Preparation 1. Demolition 2. Site Work		000 SF 000 SF		\$ 2.00 \$ 34.00	
C. Construction 1. Utility Services 2. Building Construction (new space) 3. Building Construction (existing) 4. Plumbing (existing) 5. HVAC (existing) 6. Electrical (Includes TV & Radio Studio)	430	000 SF		\$ 0.50	\$21,500 \$0 \$0 \$0 \$0 \$0
6. Electrical (Includes TV & Radio Studio) 7. Fire Supression and Alarm Systems 8. Telephone, Data, Video 9. Associated Construction Costs 10. Other: Reserves D. Equipment					\$0 \$0 \$0 \$200,204 \$200,000
Fixed Moveable ESTIMATED CONSTRUCTION COSTS					\$0 \$0 \$1,969,704
items below may be calculated by percentage or lump sum. If using lump su	·			r	
PRECONSTRUCTION COSTS 0 % COMMISSIONING 0 % SPECIAL INSPECTIONS/MATERIALS 1 %	(% of Estimated Construction (% of Estimated Construction (0.5% simple; 1.0% moderat (1.25% estimated) (3% LEED Gold, 2% LEED S	i Costs [1 e; 1.5% d		@Risk])	\$147,728 \$0 \$0 \$19,697 \$0
ADVANCE PLANNING%	Includes programming, feasit (% of Estimated Construction		lysis	-	\$0
•	(% of Estimated Construction	Costs [3	% New or	5% R&R])	\$98,485
ESTIMATED COSTS (% of Estimated Construction Costs + Continues Construction = percent per month multiplied by number of months From Est. Date to mid-point of construction) = Seneral Bldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 mos = .12%; 36-47 mos = .16%	24 months %; 48-60 mos = .18%			L per month	\$2,235,614
leaith Bidgs: 0-5 mos = .18%; 6-11 mos = .22%; 12-17 mos = .26%; 18-23 mos = .29%; ESCALATION COST INCREASE (Total of Estimated Costs x Escal		%; 48-60 n	mos = .38%		\$64,386
OTAL ESTIMATED PROJECT COSTS (Estimated Costs + Escala	ation Cost Increase)				\$2,300,000

(Governing Board or Agency Head)

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

Institution:	The University of North Ca	arolina at Chapel Hill	Advance Planning Request					
Increase in Authorizatio	on from: \$_1,350,000	to <u>\$2,850,000</u>	New Capital Project*:					
Project Title: Improve P	edestrian, Bicycle and Vehi	icular Access from Franklin St	reet Cameron Avenue					
Project Cost: \$2,850,000								
Source of Funds: Trust Funds								
*If this project has previously had advance planning authority, please identify code/item number under which that authority is carried. Code 41323 Item 304								

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

- 1. Provide detailed description and justification: As the initial phase of the master plan to improve the pedestrian, bicycle and vehicular access from Franklin Street to Cameron Avenue, this project will make Porthole Alley and the adjoining open space into a safe and attractive pedestrian and bicycle oriented entrance into the campus from downtown Chapel Hill. A new vehicular access from South Columbia Street will be constructed to serve the surrounding buildings and minimize the existing vehicular and pedestrian conflicts. Additional funding is required to include the second phase of the Master Plan of \$1,500,000 which will extend the open space improvements for the areas east of Ackland Museum and north of Hill Hall. The master plan for this area was prepared in conjunction with the Town of Chapel Hill.
- 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 requirements over the life of the project by FY quarters (Answer for capital construction only):

Cash Flow Estimate for Total Project Cost												
	FY14-15											
By End of:	YTD	1Q 2015-16	2Q 2015-16	3Q 2015-16	4Q 2015-16	1Q 2016-17	2Q 2016-17	3Q 2016-17	4Q 2016-17	1Q 2017-18	2Q 2017-18	Total
Expected Expenditure	\$ 138,862	\$ 28,500	\$ 71,250	\$ 156,750	\$ 285,000	\$ 427,500	\$ 712,500	\$ 570,000	\$ 427,500	\$ 114,000	\$ 57,000	\$2,850,000

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

Design start: 04/1/15; Construction start: 05/1/16; Construction completion: 08/1/17

- 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): na
- 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: Trust Funds – Open Space Infrastructure Fees

STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE

Form OC-25 (Rev 09/14)

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

	TMENT and DIVISION: CT IDENTIFICATION:	a at Chapel Hill d Vehicular Acc	ess from Fra	_ anklin Stre		: <u>09/18/</u> enue	15		
PROJE	CT CITY or LOCATION:	Chapel Hill, NC							
	CT DESCRIPTION & JUSTIFICATIO								
Alley an access to is require	nitial phase of the master plan to improved the adjoining open space into a safe a from South Columbia Street will be consed to include the second phase of the Mill Hall. The master plan for this area w	and attractive pedestr structed to serve the s Master Plan of \$1,500,	ian and bicycle o aurrounding build ,000 which will e	oriented entranc dings and minim extend the open :	e into the car ize the existir space improv	npus from ng vehicula	downtown Chap ar and pedestria	oel Hill. A in conflicts.	new vehicular Additional funding
(Definitio	ns/explanations are provided on pg 2 to a	ssist in completion of t	his form.)			•			
	NT ESTIMATED CONSTRUCTION O		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	QTY	UNIT	cos	PER UNIT		TOTAL
A.	Land Requirement							\$	
B.	Site Preparation				·				
	1. Demolition			77,000		\$	2.14	\$	164,780
C	2. Site Work			77,000	SF	\$	18.36	\$	1,413,720
C.	Construction			77,000	ler.	٦,	0.40		101 700
	Utility Services Building Construction (new spa	200)		17,000	SF .	\$	2.10	\$	161,700
	Building Construction (existing)					-		\$	
	Plumbing (existing)	,						\$	-
	5. HVAC (existing)			· · · · · · · · · · · · · · · · · · ·	•		•	\$	-
	6. Electrical (includes TV & Radio			77,000	SF	\$	1.36	\$	104,720
	7. Fire Supression and Alarm Sys	stems				ļ		\$	
	8. Telephone, Data, Video			77000	0.5		4.00	\$	- 440,000
	 Associated Construction Costs Other: Reserves 			77000	LS	\$	1.90 236,594.00	\$	146,300 236,594
D.	Equipment Reserves	•	_		LO	1 4	230,084,00	<u>ئ</u>	200,084
.	1. Fixed			1	LS	\$	145,920.00	\$	145,920
	2. Moveable			···				\$	
ESTIMA	TED CONSTRUCTION COSTS		•					\$	2,373,734
items belo	w may be calculated by percentage or lump	p sum. If using lump su	ım, make entry İn	\$ field.					
DESIGN	- FFF	10 %	/% of Estimates	d Construction Co	nefe)		ſ	\$	237,373
	ISTRUCTION COSTS			d Construction Co		M@Risk1 \	-	\$	
	SIONING		•	.0% moderate; 1	•		ŀ	\$	-
SPECIAL	. INSPECTIONS/MATERIALS		(1.25% estimat		•	•	ļ	\$	29,672
SUSTAIN	ABILITY -	%	(3% LEED Gold	d, 2% LEED Silve	er)		j	\$	-
	_		Includes progra	mming, feasibility	, analysis		Ī		
ADVANC	E PLANNING	1 %		d Construction Co				\$	23,737
CONTIN	- Gencies	 5 %	(% of Estimated	d Construction Co	sts [3% New	or 5% R&i	र])	\$	118,687
COTRAKT	TED 000TB - 100 (F 11) 10 1			<i>-</i> \				*	2,783,203
	TED COSTS (% of Estimated Consi n = percent per month multiplied by nu		gencies + Desigi	n reej			Ĺ	\$	2,700,200
	n – percent per month multiplied by hi . Date to mld-point of construction) =	imoer of monuis	20	months	0.12	% per mo	nth		
General Bldg	s: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 mos	s = .12%; 36-47 mos = .16%	6; 48-60 mos = .18%	_					
	: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 mos =			36-47 mos = .36%; 4	18-60 mos = .38	%	r-		
	TION COST INCREASE (Total of Esti	mated Costs x E scal i	ation %)				L	\$	66,797
TOTAL E	STIMATED PROJECT COSTS	Estimated Costs + Escala	ation Cost Increase	2)				\$	2,850,000
APPROV			. 1	TITLE: Director Fa	acilities Plann	ing and De	sign <u>C</u>	OATE: 9/15/	15
	(Governing/Brad or Agency	y Head)							

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

Institution:	The University of North Carolina at Chapel Hill	Advance Planning Request New Capital Project*: x
Increase in Authorization	on from: _\$ <u>\$491,000</u> to <u>\$719,518</u>	New Cupitui Project : <u>x</u>
Project Title: Renovate	Kenan Lab 8A for Applied Physical Sciences	
Project Cost: <u>\$719,518</u>	5 – Increase of \$228,518	
Source of Funds: Curr	iculum in Applied Science Account # 3-32321	

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

1. A detailed project description and justification:

The UNC Department of Applied Physical Sciences is seeking renovations to an existing 2,000SF laboratory space. The purpose of the project will be to abate existing asbestos, provide new laboratory casework, provide new fume hoods, and upgrade existing finishes to improvement interior acoustics. These renovations will upgrade facilities for a new faculty hire in the University's newly established APS Department.

The need for increased authorization is due to two causes:

- a. Existing conditions uncovered during environmental remediation required supplemental work that increased project cost and duration.
- b. Despite the decision to rebid the renovation portion of the project, the low bid exceeds the original estimate.
- 2. <u>An estimate of acquisition, planning, design, site development, construction, contingency and other related costs</u> (Answer for capital construction only and include a completed OC-25 form)

\$719,518

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

2014		2016			
4Q	1Q	2Q	3Q	4Q	1Q
\$ 15,300	\$ 15,300	\$ 15,300	\$ 71,500	\$ 301,118	\$ 301,000

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

Begin design: 07/01/2014; Begin construction: 10/21/2015; Complete project 2/3/2016

5. <u>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):</u>

Small renovation, N/A

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

N/A

7. An explanation of the means of financing:

Curriculum in Applied Science Account # 3-32321

^{*}If this project has previously had advance planning authority, please identify code/item number under which that authority is carried. Code 41423 Item 306

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

Form OC-25 (Rev 05/12)

BIENNIUM 2013 - 2015

DEPARTMENT and DIVISION: Educational Institutions (Universities)					DATE: 10/15/15			
PROJECT IDENTIFICATION: Renovate Kenan Lab 8A for Applied Physical Sciences								
PROJECT CITY or LOCATION: Chapel Hill, North Carolina								
labor upgra	JECT DESCRIPTION & JUSTIFICA atory space. The purpose of the proade existing finishes to improvemen plished APS Department.	oject will be to abate ex	isting asbesto	s, provide new l	aboratory c	asework, pr	ovide new fume	e hoods, and
	nitions/explanations are provided on pg		f this form.)	OTV	LINIT	I 000T F	DED LIMIT I	TOTAL
	RENT ESTIMATED CONSTRUCTION	JN COST		QTY	UNIT	COSTE	PER UNIT	TOTAL
A.	Land Requirement							\$0
B.	Site Preparation			2000	СГ	T ¢	27.00	¢E4 000
	Demolition & Abatement Site Work			2000	SF.	\$	27.00	\$54,000
C.	Site Work Construction							\$0
C.					ı	1		ΦΩ.
	Utility Services Deliting Construction (construction)							\$0
	Building Construction (new s Duilding Construction (outsite)	•		2000	CE	r.	00.00	\$0 \$100,000
	Building Construction (existing Blumbing	19)		2000		\$	90.00	\$180,000
	 Plumbing HVAC 			2000		\$	28.00 58.00	\$56,000 \$114,000
	 HVAC Electrical (Includes TV & Ra 	dia Ctudia)		2000		\$	28.00	\$116,000 \$56,000
	7. Fire Supression and Alarm S	,		2000		\$	5.00	\$10,000
	8. Telephone, Data, Video	oysteins .		2000		\$	8.00	\$16,000
	 Associated Construction Cos 	ats		1.00		Ψ	0.00	\$22,200
		t Accessibility Deficiend	ies	1.00				\$76,500
D.	Equipment	t riccossibility Denoierie		1.00			L	ψ10,000
٥.	1. Fixed			0	SF	\$	80.00	\$0
	2. Moveable			1.00		T	00.00	\$8,000
EST	MATED CONSTRUCTION COST	S				ı		\$594,700
	below may be calculated by percentage of		sum, make entr	y in \$ field.				400 01000
DES	GN FEE	12 %	(% of Estimate	ed Construction C	'nete)			\$71,364
	CONSTRUCTION COSTS	4 %		ed Construction C		∩M@Riskl\		\$23,788
	IMISSIONING	 %	•	1.0% moderate;	-			\$0
	CIAL INSPECTIONS/MATERIALS	 %	(1.25% estimate)		1.570 compic	^)		\$0
	TAINABILITY	 %	•	old, 2% LEED Silv	or)			\$0
303	TAINADILITT			ramming, feasibili				ΨΟ
ADV	ANCE PLANNING	%		ed Construction C				\$0
CON	TINGENCIES	5 %	(% of Estimate	ed Construction C	osts [3% Ne	w or 5% R&F	२])	\$29,735
Esca	MATED COSTS (% of Estimated lation = percent per month multiplied n Est. Date to mid-point of construction	•	ntingencies + D		ı	0 % per mo	nth	\$719,587
	al Bldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24		-	_	·	- 70 POI 1110		
	Bldgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-			.33%; 36-47 mos = .3	6%; 48-60 mos	= .38%	_	
ESC	ALATION COST INCREASE (Total	of Estimated Costs x Es	calation %)				<u></u>	\$0
TOT	AL ESTIMATED DRO IECT COST	(Estimated Casts E	ccalation Cost Inc	erosco)				\$719 587