Situation: ECU, NCSU, UNC-CH, and UNCC have requested authority to proceed with non-

appropriated capital improvements projects using available funds derived from dining receipts, trust funds, unexpended plant funds, facilities and

administrative funds, and carry-forward funds.

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

advanced planning projects at UNC campuses using available funds.

Assessment: ECU, NCSU, UNC-CH, and UNCC requested projects that meet the Statutory

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

appropriations.

Action: This item requires a vote.

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

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

<u>ECU – Reade Street Market Renovation</u>: This project will redesign and renovate the existing convenience store, seating area, "Subway" sandwich shop, and adjacent gallery area to add a semi-private dining area/meeting room. This will be accessible to customers of the sandwich shop/convenience store as well as students participating in the West End residential dining program. The project, estimated to cost \$775,000, will be funded by dining receipts, and will be completed by October 2015.

NCSU – College of Veterinary Medicine Anatomy Lab Renovation: This project will renovate 4,540 SF within the College of Veterinary Medicine Main Building to create a 100-student Anatomy Lab and associated support and teaching spaces. The project will improve ventilation and safety features in the Anatomy Lab. The project, estimated to cost \$1,750,000, including previously approved advanced planning authority of \$175,000, will be funded by College of Veterinary Medical Trust Funds, and will be completed by July 2015.

<u>UNC-CH – Elevator Modernization – Davie Hall, Gardner Hall, and Lineberger Cancer Center</u>: This project will address ADA and other code deficiencies for elevators at Davie Hall, Gardner Hall, and Lineberger Cancer Center. The project, estimated to cost \$2,035,375, will be funded from facilities and administrative receipts, and will be completed by May 2016.

<u>UNC-CH – Improvements to Meet Fire Safety Needs – Taylor Hall</u>: The project will address and improve the non-compliant shaft penetrations and other fire safety issues at Taylor Hall. The project, estimated to cost \$1,896,000, will be funded by facilities and administrative receipts, and will be completed by March 2017.

<u>UNC-CH – Kenan Laboratories and Friday Center – Roof Repairs and Replacements</u>: The project will replace the existing roofs and install new fall protection at Kenan Laboratories and Friday Center. At this time, Kenan Laboratory and the lower east and upper west sectors of the Friday Center are scheduled. The project, estimated to cost \$1,505,800, will be funded by facilities and administrative receipts, and will be completed by June 2016.

<u>UNC-CH – Carolina Inn, Restaurant and Bar Renovation</u>: The project will redesign and renovate the Crossroads Restaurant and bar to create a more accessible and updated environment to attract more patrons. Affecting approximately 4,200 SF, the key components of the renovation include expanding the current entry corridor to connect the bar and restaurant; relocation of the bar to gain efficiency in circulation and additional bar seats; conversion of the existing buffet area into a new market featuring bakery and coffee products; and update of the Front Porch with new tables and lounge seating for outdoor dining. In addition, upfit for the Carolina Inn Administrative staff swing space will be part of the project. The project, estimated to cost \$2,328,000, will be funded by institutional trust funds, and will be completed by August 2015.

<u>UNC-CH – Ehringhaus, Hinton James, and Carmichael Residence Halls – Roof Replacement</u>: The project will replace the existing roofs at three residence halls. The roofs, built-up flat roofs, in Ehringhaus, Hinton James, and Carmichael Residence Halls are over 23 years of age, past the normal useful life of 20 years, and are in need of replacement. The project, estimated to cost \$1,200,000, will be funded by housing trust funds, and will be completed by June 2015.

<u>UNC-CH – Energy Efficiency Program, Chapman Hall, ITS Manning, and Glaxo Building</u>: The project will implement energy conservation measures at Chapman Hall, ITS Manning, and Glaxo Building. The project, estimated to cost \$1,355,000, will be funded by energy savings carry-forward funds, and will be completed by July 2017.

<u>UNC-CH – Ehringhaus, Hinton James, and Carmichael Residence Halls – Elevator Modernization</u>: The project will replace elevators in Ehringhaus, Hinton James, and Carmichael Residence Halls. Modernizing the elevators will bring them up to current life safety standards as required by the N.C. Department of Labor and provide fire codes and Americans with Disabilities Act (ADA) compliance. The project, estimated to cost \$1,900,000, will be funded by housing trust funds, and will be completed by May 2015.

<u>UNC-CH – Structural Repairs – Knapp Sanders and Abernethy Hall</u>: The project will re-seal the building envelope at Knapp-Sanders and an envelope restoration at Abernethy Hall. The project, estimated to cost \$1,076,700, will be funded by facilities and administrative receipts funds, and will be completed by June 2016.

<u>UNC-CH – University Master Plan</u>: The project will develop a University Master Plan integrating the campus' strategic plans for all University properties. The Master Plan will guide the physical growth and development of the UNC-Chapel Hill campus for the next 20 years. The project, estimated to cost \$1,500,000, will be funded by facilities and administrative receipts funds, and will be completed by December 2017.

<u>UNC-CH – Repairs to Electrical, Plumbing, and HVAC Systems – School of Dentistry, Davis Library, Lineberger Cancer Center, and Morehead Chemistry Laboratory</u>: The project will replace the vacuum system at the School of Dentistry buildings, replace the HVAC spray coils at the Davis Library, and address the HVAC deficiencies at the Lineberger Cancer Center and Morehead Chemistry Laboratory. The project, estimated to cost \$2,458,375, will be funded by facilities and administrative receipts funds, and will be completed by May 2016.

<u>UNCC – Student Counseling Center</u>: The project will provide clinical and wellness services to students. Currently, the counseling function is housed in the Atkins Library. Both library and counseling functions need to expand; counseling requires a new location. A new building adjacent to the existing Student Health Center will provide for needed expansion, integrating in one area counseling, student health, and wellness services. The project, estimated to cost \$4,000,000, will be funded by institutional trust funds, and will be completed by January 2017.

<u>UNCC</u> – North Library Lane Improvements: The project will improve accessibility, reduce pedestrian-vehicular conflict, and improve safety on Library Lane which is a main entry for students and service vehicles into the core of campus. The project includes roadway and pedestrian walkway improvements, ADA improvements, parking improvements, and storm drain replacement. The work incorporates brick and asphalt repaving, new planting and retaining walls, and new hand rails. The project, estimated to cost \$498,000, will be funded by institutional trust funds, and will be completed by January 2015.

<u>UNCC – Kennedy Emergency Generator</u>: The project will provide an emergency generator required to insure business continuity for Information Technology Services (ITS) operations in the Kennedy Building. Project includes associated site improvements and a screen wall around the generator. The project, estimated to cost \$500,000, will be funded by institutional trust funds, and will be completed by June 2015.

<u>UNCC</u> – <u>Outdoor Events Shelter</u>: The project will construct an 8,000 square-foot pre-engineered steel pavilion and an adjacent toilet facility for university outdoor functions. The structures will be located in an open area along the pedestrian path from main campus to the football stadium. The area currently provides space for university outdoor events with rented event tents and temporary restrooms. It is more cost effective over the long term to build permanent structures than to continue to rent tents and temporary restroom facilities. The structures will be used throughout the year for student, faculty and staff events. The project, estimated to cost \$1,200,000, will be funded by institutional trust funds, and will be completed by August 2015.

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

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

ECU – Dowdy Ficklen Stadium Press Box Renovation and Expansion: This project consists of renovation and expansion of Dowdy Ficklen Stadium Press Box. This advance planning authorization will utilize \$250,000 of gifts and athletics receipts. This project includes review and update of the previous study and development of a final program to include phasing and cost estimates for the project. Upon completion of this work, a request may be made to proceed directly into project design. The project scope will include renovation and expansion of press box facilities, development of academic support space for student athletes, development of a variety of seating and suite-style options for fans, donors and alumni, create new support space for sports medicine, the Pirate Club, ticket office, kitchen and vending areas, and create additional office space to accommodate departmental growth. The project, estimated to cost \$50,000,000, will be funded from gifts and athletics receipts.

NCSU – Harrelson Hall Demolition: This project consists of the demolition of Harrelson Hall, a 109,953 SF four-story cylindrical classroom building built in 1961. This advance planning authorization will utilize \$270,000 of carry-forward funds. Project scope includes asbestos abatement, building demolition and isolation, and termination or removal of major utilities. The building structure is composed of an inner cast-in-place concrete core and a surrounding precast/cast-in-place hybrid structure. The demolition method will take into consideration vibration sensitive research in the vicinity. The project will include site backfill, restoration, landscaping, and hardscape work. The project, estimated to cost \$3,508,000, will be funded from FY 2014-15 carry-forward funds.

NCSU – Patterson Hall Business Center Renovation: This project consists of renovation of the Business Center at Patterson Hall. This advance planning authorization will utilize \$220,000 of carry-forward funds. Project scope includes renovation of the ground floor of Patterson Hall to accommodate the programmatic needs of the College of Agriculture and Life Sciences Business Office. The floor plan will be revised and existing HVAC, electrical, fire alarm, and lighting systems will be upgraded. The project, estimated to cost \$1,561,800, will be funded from FY 2014-15 carry-forward funds.

NCSU – Patterson Hall Foundation Waterproofing: This project consists of foundation waterproofing at Patterson Hall. This advance planning authorization will utilize \$31,000 of carry-forward funds. Project scope includes addressing water infiltration on the ground floor of Patterson Hall. Design efforts will ascertain the exact source of water infiltration. It is expected that the northwest corner of the building below grade wall must be exposed and new waterproofing membrane installed. Windows with broken seals will also be addressed. The project, estimated to cost \$312,561, will be funded from FY 2014-15 carry-forward funds.

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

UNC-Chapel Hill has requested authority to increase the scope of a previously approved capital improvements project.

<u>UNC-CH – Mary Ellen Jones Renovation</u>: This project, approved in April 2013 by the Board, will provide supplemental funding for the Mary Ellen Jones Building Renovation. The design for a comprehensive renovation of Mary Ellen Jones is currently underway and the additional funding will replace air handlers, electrical infrastructure, fire pump, and other building systems and equipment, renovate all eleven floors of the building for new research laboratory space and vivarium. In addition, this project will address code deficiencies and deferred maintenance items. The project will also replace the existing exterior precast panels and install a new exterior glass curtain wall and renovate approximately 230,000 SF. A new open space plaza between Mary Ellen Jones Building and Thurston Bowles Building will provide a new building entrance and will be constructed as part of this project. Compliance with GS 143-135.35 - 143-135.40, Sustainable, Energy Efficient Buildings, is also required. The increase in authorization of \$52,578,067 (from \$63,681,005 to \$116,259,072) will be funded by facilities and administrative receipts.

| nst | titution: | East Carolina University | Advance Planning Request: |
|-----|---------------|---|---|
| | | | New Capital Project*: X |
| | | horization from: <u>\$0 to \$775,000</u> | |
| Pro | ject Title: _ | Reade Street Market Renovation | |
| Pro | ject Cost: _ | \$775,000 | |
| Sou | urce of Fund | ls: Dining Receipts | |
| | | has previously had advance planning authority, plried. Code Item | ease identify code/item number under which that |
| Foi | r each adva | nce planning project or capital construction pr | oject, please provide the following: |
| ۱. | A detailed | project description and justification: | |
| | gallery area | e · | ne seating area, "Subway" sandwich shop and adjacent This will be accessible to customers of the sandwich ne West End residential dining program. |
| 2. | | e of acquisition, planning, design, site development or capital construction only and include a complete | nt, construction, contingency and other related costs ed OC-25 form) |

| Planning & Design | \$ 61,187 |
|-------------------|---------------|
| Construction | \$ 679,850 |
| Contingency | \$ 33,993 |
| Total | \$ 775,030 |

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

| FY 2014-15 | Q2 | \$ 40,000 |
|------------|-------|---------------|
| FY 2014-15 | Q3 | \$ 73,500 |
| FY 2014-15 | Q4 | \$ 183,780 |
| FY 2015-16 | Q1 | \$ 404,250 |
| FY 2015-16 | Q2 | \$ 73,500 |
| | Total | \$ 775,030 |

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

Fall 2015

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

No change in operating cost.

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

No additional revenue received.

7. An explanation of the means of financing:

Dining Receipts

Form OC-25 (Rev 09/14)

DATE: 10/15/14

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

DEPARTMENT and DIVISION: East Carolina University

| PROJECT IDENTIFICATION: | | | | Reade Street Mark | ket | Renovation | | | | - | |
|-------------------------|----------|--|----------------------|-----------------------------|---------|---------------------------|---------------------|--------------|--------------------|-------------|-----------------------|
| | | CITY or LOCATION | Greenville, NC | | | | | | | | |
| | | | | ON: (Attach add'l data as | | - | | | | | |
| | | | | | | | | | | | cent gallery area to |
| | | _ | | - | | | to customer | rs of the | sandwich | shop/conver | nience store as well |
| as s | tuden | ts participating | in the West E | End residential dir | nir | ng program. | | | | | |
| /D - 6: | . !!! ! | /t | | | - E 11. | -!- f \ | | | | | |
| | | rexpianations are pro FESTIMATED CO | | assist in completion o | ו ונ | nis iorm.) | OTY | UNIT | · I· cost | PER UNIT | TOTAL |
| A. | | nd Requirement | MSTRUCTION | COST | | 9 | Q11 | UNI | | FLK UNIT | \$0 |
| В. | | e Preparation | | | | L | | | | | ΨΟ |
| υ. | | Demolition | | | | Г | | | | | \$0 |
| | | Site Work | | | | _ | | | | | \$0 \$0 |
| C. | | nstruction | | | | L | | | | | Ψ0 |
| ٠. | 1. | Utility Services | | | | Г | | | | | \$0 |
| | 2. | Building Constru | iction (new spai | re) | | - | | | | | \$0 |
| | 3. | Building Constru | | 55) | | _ | 3000 | sf | \$ | 143.00 | \$429,000 |
| | 4. | Plumbing (existing | . 0, | | | _ | 3000 | | \$ | 16.50 | \$49,500 |
| | 5. | HVAC (existing) | | | | - | 3000 | | \$ | 27.50 | \$82,500 |
| | 6. | | | / & Radio Studio) | | - | 3000 | sf | \$ | 33.00 | \$99,000 |
| | 7. | Fire Suppression | • | | | - | 1 | ls | \$ | 5,000.00 | \$5,000 |
| | 8. | Telephone, Data | • | , ,, | | | 3000 | sf | \$ | 4.75 | \$14,250 |
| | 9. | Associated Cons | | | | | | | | | \$0 |
| | 10. | . Other: | Newspape | er ads | | | 1 | ls | \$ | 600.00 | \$600 |
| D. | Eq | uipment | | | | _ | | | - | • | <u>.</u> |
| | 1. | Fixed | | | | | | | | | \$0 |
| | | Moveable | | | | | | | | | \$0 |
| EST | IMAT | ED CONSTRUCT | TION COSTS | | | | | | | Į | \$679,850 |
| Items | below | may be calculated by | percentage or lun | np sum. If using lump s | sun | n, make entry in | \$ field. | | | | |
| DES | IGN F | FF | _ | 9 % | (9 | % of Estimated | Construction C | osts) | | Г | \$61,187 |
| | | STRUCTION COS | TS - | | ٠, | % of Estimated | | | or CM@Risk | 1) | \$0 |
| | | SIONING | _ | % | |).5% simple; 1. | | - | | ' <i>'</i> | \$0 |
| | | INSPECTIONS/MA | ATERIALS - | <u></u> % | | 1.25% estimate | | | , | ŀ | \$0 |
| | | ABILITY | _ | % | | 3% LEED Gold, | | er) | | | \$0 |
| | | | _ | | Ir | ncludes progran | nming, feasibilit | tv. analysis | 5 | Ī | |
| ADV | ANCE | PLANNING | | % | | % of Estimated | | | | | \$0 |
| CON | ITING | ENCIES | | 5 % | (9 | % of Estimated | Construction C | osts [3% N | lew or 5% R | &R1) | \$33,993 |
| | | | _ | | • | | | | | 1, | . , |
| EST | IMATE | ED COSTS (% | 6 of Estimated Co | onstruction Costs + Co | nti | ngencies + Des | sign Fee) | | | | \$775,029 |
| Esca | lation | = percent per mo | nth multiplied by | number of months | | | | | | - | |
| | | Date to mid-point of | | | | | months | | % per m | onth | |
| Gener | al Bldgs | :: 0-17 mos = 0%; 18-23 | mos = .04%; 24-35 m | nos = .12%; 36-47 mos = .1 | 16% | ; 48-60 mos = .18° | % | | | | |
| Health | Bldgs: (| 0-5 mos = .18%; 6-11 mo | os = .22 %; 12-17 mo | os = .26%; 18-23 mos = .29 | 9%; | 24-35 mos = .33% | ; 36-47 mos = .369 | %; 48-60 mo: | S = .38% | | |
| | - | | | Estimated Costs x Es | | | | | | ſ | \$0 |
| | | STIMATED PRO. | | | | | 20) | | | Γ | \$775,029 |
| 101 | AL E | O I IIVIM I LD FRU. | 1501 00313 | (Estimated Costs + Esc | ocdli | auun cust iiicieas | oc) | | | | Ψ113 ₁ 027 |
| APP | ROVE | ED BY: | | | T | ITLE: <u>Director, Fa</u> | acilities Engineeri | ng & Archite | ectural Services | S | DATE |
| | | (Governi | ing Board or Agency | y Head) | | | | | | | |

| | | requestion | 11cw of increas | e m Capitai m | provement roject | |
|-----|--|-----------------------------|-------------------------------------|-----------------------------------|--|-----------------|
| Ins | titution: | North Carolina | a State University | 7 | Advance Planning R | Request: |
| | | | • | | New Capital P | |
| | rease in Authorizati | | | | | |
| Pro | oject Title: Colleg | ge of Veterinary | viedicine Anaton | iy Lab Kenovati | on | |
| Pro | oject Cost:\$1,575 | 5,000 (Total Proj | ect Cost \$1,750,0 | 00 including pre | viously approved \$175,000 A | P) |
| C | 6F 1 6.1 | 1 (37.4. | M III T | 4 E - 1 | | |
| 50 | urce of Funds: Col | lege of Veterina | ry Medicine Trus | t Funds | | |
| | this project has pre hority is carried. C | | | hority, please ide | ntify code/item number under | which that |
| Fo | r each advance pla | nning project o | r capital constru | iction project, p | lease provide the following: | |
| 1. | A detailed project | description and | justification: | | | |
| | | | | | to create a 100-student Anator ntilation and safety features in | |
| 2. | An estimate of acc (Answer for capital | | O . | | ruction, contingency and othe 5 form) | r related costs |
| | See attached OC-2 | 25. | | | | |
| 3. | An estimated sche construction only) | | v requirements ov | ver the life of the | project by FY quarters (Answ | er for capital |
| | FY 2015 FY 2016 | Q1 \$24,142 \$469,367 | <u>Q2</u> \$194,576 \$201,677 | <u>Q3</u> \$85,897 \$68,425 | <u>Q4</u> \$705,916 | |
| 4. | An estimated sche | dule for the com | pletion of the pro | ject: | | |
| | Design Start: 8/15 | 5/2014 | Desi | gn Complete: 1/ | 5/2015 | |
| | Construction Start | : 4/27/2015 | Cons | struction Comple | te: 7/31/2015 | |
| | | | | | | |
| 5. | An estimate of ma covering the first f | | | | ng to support these costs, incluction only): | ding personnel, |
| | N/A | | | | | |
| 6. | An estimate of rev (Answer for capita | | | from the projec | , covering the first five years of | of operation |
| | No revenues are ex | xpected to be de | rived from this pr | oject. | | |

College of Veterinary Medicine Trust funds will fund both design and construction of this project.

7. An explanation of the means of financing:

Form OC-25 (Rev 05/12)

| | ARTMENT and DIVISION: | North Carolina St | | | | | DATE: | 10/09/14 |
|---------------|--|----------------------------|---------------------|-----------------------|------------------|----------|-----------------------|---------------------|
| | JECT IDENTIFICATION: | CVM Main Buildir | | b Renovation | | _ | | |
| | JECT CITY or LOCATION: | Raleigh - West C | | | | | | |
| PRO | IECT DESCRIPTION & JUSTIFICA | TION: (Attach add'l data a | as necessary to inc | licate need, size, fu | nction of improv | ements a | as well as a master n | lan.) |
| This | project will renovate 4,540 gsf within | the CVM Main Buildir | ng to create a | 100-student Ana | atomy Lab a | nd asso | ciated support a | nd teaching spaces |
| The p | roject will improve ventilation and sa | afety features in the A | natomy Lab. | | | | succe support u | na todoning spaces. |
| | | | | | | | | |
| (Defini | tions/explanations are provided on pg 2 | to assist in completion of | of this form.) | | | | | |
| | RENT ESTIMATED CONSTRUCTION | N COST | | QTY | UNIT | COS | ST PER UNIT | TOTAL |
| A. | Land Requirement | | | | | | | \$0 |
| B. | Site Preparation | | | | | | <i>"</i> | |
| | Demolition | | | | | | | \$0 |
| _ | 2. Site Work | | | | | | | \$0 |
| C. | Construction | | | | | | | |
| | Utility Services | | | | | | | \$0 |
| | Building Construction (new sp | | | | | | | \$0 |
| | Building Construction (existing | | | 4540 | 3300 | \$ | 152.00 | \$690,080 |
| | Plumbing (new & existing spa | 30.75 M | | 4540 | | \$ | 15.00 | \$68,100 |
| | HVAC (new & existing space) | | | 4540 | | \$ | 30.00 | \$136,200 |
| | 6. Electrical (new & existing space | | | 4540 | 1 | \$ | 20.00 | \$90,800 |
| | 7. Fire Supression and Alarm Sy | | g space) | 4540 | 3868 | \$ | 3.50 | \$15,890 |
| | 8. Telephone, Data, Video (new | | | 4540 | | \$ | 2.50 | \$11,350 |
| | Associated Construction Costs | S | | 1 | lump sum | \$ | 126,459.00 | \$126,459 |
| | 10. Other: | 20 | _ | | | | | \$0 |
| D. | Equipment | | | | | | | |
| | 1. Fixed | | | | lump sum | \$ | 150,000.00 | \$150,000 |
| -o | 2. Moveable | | | 1 | lump sum | \$ | 223,000.00 | \$223,000 |
| | IATED CONSTRUCTION COSTS | | | | | | | \$1,511,879 |
| Items be | elow may be calculated by percentage or I | ump sum. If using lump | sum, make entry | in \$ field. | | | | |
| DEGLO | NEEL | 40.00 | | | | | | |
| DESIG | | 10 % | | d Construction Co | | | ¥ | \$151,188 |
| | DNSTRUCTION COSTS | 0.75 % | 1 | d Construction Co | osts [1% for C | M@Risk | []) | \$11,339 |
| | ISSIONING | % | (0.5% simple; | 1.0% moderate; 1 | .5% complex) | | | \$0 |
| | AL INSPECTIONS/MATERIALS | | (1.25% estimate | | 2 | | | \$0 |
| 3031 <i>F</i> | INABILITY | % | (3% LEED Gol | d, 2% LEED Silve | er) | | | \$0 |
| | | | Includes progra | mming, feasibility | , analysis | | | |
| ADVAN | ICE PLANNING . | % | (% of Estimate | d Construction Co | osts) | | | \$0 |
| CONTI | NGENCIES | 5 % | (% of Estimate | d Construction Co | sts [3% New | or 5% R | &R1) | \$75,594 |
| | | | | | | | | Ψ10,004 |
| ESTIM/ | ATED COSTS (% of Estimated Co | onstruction Costs + Con | tingencies + Des | sign Fee) | | | | \$1,750,000 |
| Escalat | ion = percent per month multiplied by | y number of months | | | | | <u> </u> | , ,, , , , |
| (From E | st. Date to mid-point of construction) : | = | 8 | months. | 0 | % per n | nonth | |
| General B | ldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-39 | 5 mos = .12%; 36-47 mos = | .16%; 48-60 mos = | .18% | | | | |
| Health Blo | gs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 | mos - 26% 18 23 mos - 3 | 000/ - 24 25 man - | 220/ - 26 47 | 100/ 10 00 | 000/ | | |
| | ATION COST INCREASE (Total of | | | 33%; 36-47 mos = .3 | 16%; 48-60 mos | = .38% | _ | |
| LOUAL | ATION COST INCINEASE (Total of | Estimated Costs X ESC | alation %) | | | | L | \$0 |
| TOTAL | ESTIMATED PROJECT COSTS | (Estimated Costs + Esc | calation Cost Incre | ase) | | | Γ | \$1,750,000 |
| 4 D D D C | VED DV | | | | | | _ | |
| APPRO | VED BY: | ny Hood\ | _ | TITLE University A | Architect | | <u>D</u> / | ATE 10 . 15 . 14 |
| | (Governing Board or Agend | у пеаа) | | | | | | |

| Ins | titution: | The Univ | versity of N | North Carolir | na at Chapel l | Hill | Advance | Planning F | Request |
|------------------------|---|---|--------------|-----------------------|--|---------------|--------------|-----------------|-----------------|
| | | | | | ······································ | | | | roject*: x |
| Inc | rease in Authorizati | on from: \$ | 5 <u>0</u> 1 | to <u>\$2,035,375</u> | <u>5</u> | | | | |
| Pro | pject Title: Elevator | Moderniza | tion – Dav | ie Hall, Gard | dner Hall, and | d Lineberge | r Cancer C | Center | |
| Pro | oject Cost: \$2,035,3 | 375 | | | | | | | |
| Sou | urce of Funds: <u>F&A</u> | Funds | | | | | | | |
| | this project has pre- hority is carried. Co | | | | nority, please | identify co | de/item nu | mber under | which that |
| Fo | r each advance pla | nning pro | ject or cap | oital constru | ction projec | t, please pr | ovide the | following: | |
| 1. | Provide detailed de | escription a | and justific | ation: | | | | | |
| | | - | ū | | andad alawati | | This musics | مسلمان والتربية | as ADA and |
| | IC Chapel Hill is co er code deficiencies | | | | | | | | ss ADA and |
| 3. | An estimate of acq (Answer for capital See attached C An estimated sche construction only): | ll construct OC-25 form dule of cas | ion only a | nd include a | completed O | C-25 form) | Ū | | |
| | | • | | | | | | | |
| TPC \$ | 2,035,375 | | | | | | | | |
| φ | 2,033,373 | | Cash Flow | Estimate for Tot | al Project Cost | | | | |
| Ву 1 | End of: | 2Q 2014-15 | | | 1Q 2015-16 | 2Q 2015-16 | 3Q 2015-16 | 4Q 2015-16 | Check |
| Ex | pected Expenditure | \$ 183,184 | \$ 183,184 | \$ 183,184 | \$ 305,306 | \$ 305,306 | \$ 468,136 | \$ 407,075 | \$ 2,035,375 |
| 4. | An estimated sche Begin design: | | | | | 2016 | | | |
| 5. | An estimate of ma covering the first f | | - | • | | - | - | costs, inclu | ding personnel, |
| | n/a | | | | | | | | |
| 6. | An estimate of rev (Answer for capital | | | o be derived | from the pro | ject, coverii | ng the first | five years of | of operation |
| | n/a | | | | | | | | |

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

Form OC-25 (Rev 09/14)

| DEPARTMENT and DIVISION: | UNC Chapel Hill | | | | | 7/2014 | |
|--|-----------------------------|--------------------------------|--|-----------------|---------------------|---------------------------------------|--------------|
| PROJECT IDENTIFICATION: | Davie Hall, Gardner | Hall and Linet | erger Cancer (| Center, Eleva | itor Modernizati | on | |
| PROJECT CITY or LOCATION: | Chapel Hill | | | | | | |
| PROJECT DESCRIPTION & JUSTIFICATIO | N: (Attach add'i data as n | ecessary to indica | te need, size, funct | ion of improvem | ents as well as a m | aster plan.) | |
| This project will address ADA and other code | deficiencies for the | elevators in Da | vie Hall, Gardn | er Hall and L | ineberger Cand | er Center. | |
| (Definitions/explanations are provided on pg 2 to a | assist in completion of th | nis form.) | | | | | |
| CURRENT ESTIMATED CONSTRUCTION | COST | | QTY | UNIT | COST PER | UNIT | OTAL |
| A. Land Requirement | | | | | | | \$0 |
| B. Site Preparation | | | | | | · · · · · · · · · · · · · · · · · · · | 40 |
| 1. Demolition | | | | <u> </u> | <u> </u> | | \$0 60 |
| 2. Site Work | | | | } | | <u> </u> | \$0 |
| C. Construction | | | | T | Γ | | ėn |
| Utility Services | ۵۱ | | | | | | \$0 \$0 |
| Building Construction (new spaces) Building Construction (existing) | e) | | - | Ea. Elev. | \$ 280, | 167.00 | \$1,681,002 |
| 4. Plumbing (new space) | | | <u> </u> | La. LIGY. | Ψ 200, | 107.00 | \$0 |
| 5. HVAC (new space) | | | | | | | \$0 |
| 6. Electrical (Includes TV & Radio S | Studio) | | | | | | \$0 |
| 7. Fire Supression and Alarm Syste | • | | | | | | \$0 |
| 8. Telephone, Data, Video | | | | | | | \$0 |
| 9. Associated Construction Costs | | | 1 | Lump Sum | \$ 90, | 000.00 | \$90,000 |
| 10. Other: | | | | | | | \$0 |
| D. Equipment | | _ | | | | | |
| 1. Fíxed | | | | | | | \$0 |
| 2. Moveable | | | | | | | \$0 |
| ESTIMATED CONSTRUCTION COSTS | | | | | | | \$1,771,002 |
| items below may be calculated by percentage or lun | np sum. If using lump so | ım, make entry in | \$ field. | | | | |
| DEGION PER | 0.00 | 101 CT 12 C | 10 1 1 0 | 1.3 | | <u> </u> | \$159,390.18 |
| DESIGN FEE | 9 % 0 % | - | d Construction C | • | Marian | | |
| PRECONSTRUCTION COSTS | 0 % | · · | d Construction C | _ | | | \$0 \$0 |
| COMMISSIONING | 0 % | (0.5% simple; (1.25% estima | 1.0% moderate; 1 | \$0 | | | |
| SPECIAL INSPECTIONS/MATERIALS | 0 % | • | tea) ld, 2% LEED Silv | ~~! | | | \$0 \$0 |
| SUSTAINABILITY | 0 /0 | • | | • | | | |
| ADVANCE PLANNING | 0,% | | amming, feasibilit d Construction C | | | | \$0 |
| CONTINGENCIES | 5 % | (% of Estimate | d Construction C | osts [3% New | or 5% R&R]) | ļ | \$88,550 |
| ESTIMATED COSTS (% of Estimated Cor Escalation = percent per month multiplied by | nstruction Costs + Conti | ngencies + Desi | gn Fee) | | | <u> </u> | \$2,018,942 |
| (From Est. Date to mid-point of construction) = | | 20 | • | 0.04 | % per month | | |
| General Bidgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 i | 1105 - ,12%; 30-47 MOS = ,1 | 1070, 40-00 MOS = . | 1070 | | | | |
| Health 8ldgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 m | os = .26%; 18-23 mos = .29 | 9%; 24-35 mos = .3 | 3%; 36-47 mos = .36 | 6%; 48-60 mos = | .38% | <u> </u> | |
| ESCALATION COST INCREASE (Total of E | stimated Costs x Esca | lation %) | | | | | \$16,152 |
| , | | | | | | | \$2 02E 004 |
| TOTAL ESTIMATED PROJECT COSTS | (Estimated Costs + Esca | alation Cost Increa | se) | | | | \$2,035,094 |
| APPROVED BY: (Governing Board or Agence | v Head) | _ | Director of Facilities | es Planning and | <u>Design</u> | <u>10/27/14</u> | |
| , , , , | | | | | | | |

| Ins | titution: | The University | of North Car | olina at C | Chapel H | [ill | | | ning Req | uest ect*: x |
|-----|--|---|----------------------|--------------------------|-----------|--------------------------|------------|--------------------------|-------------|-----------------------|
| Inc | crease in Authorization | on from: \$ <u>0</u> | to <u>\$1,896</u> | ,000 | | | | ivew Cap | pitai i ioj | ect*. <u>x</u> |
| Pro | oject Title: Improvem | ents to Meet Fir | e Safety Nee | ds – Tayl | or Hall | | | | | |
| Pro | oject Cost: \$1,896,0 | 00 | | | | | | | | |
| Sou | urce of Funds: F&A | Funds | | | | | | | | |
| aut | this project has prevenently is carried. Co | de It | em | | | | | | | hich that |
| | r each advance plan | 01 | - | truction | project | , piease j | provide i | ne ionov | ving: | |
| | Provide detailed de | | | _ | | | | | | |
| | NC Chapel Hill is con Faylor Hall. | nmitting F&A fu | inds to addres | ss the nor | ı-compli | ant shaft | penetrati | ions and | other fire | safety issue |
| 2. | An estimate of acqu (Answer for capital | | | | | | | gency an | d other r | elated costs |
| | See attached O | | ry una meraa | e a comp | icica oc | 25 10111 | 1) | | | |
| 2 | | | | 41 | 1:664 | 1 | 4 1 EXZ | | (A | £:4-1 |
| 3. | An estimated sched construction only): | ule of cash flow | requirements | s over the | ine or t | ne projec | t by FY | quarters | (Answer | ior capitai |
| TPC | 1,896,000 | | | | | | | | | |
| \$ | | | Cash Flow Estimate f | | | | | | | ~ |
| | | 15 3Q 2014-15 4Q 2014-1 300 \$ 94,800 \$ 9 | | 2Q 2015-16 \$ 132,720 | | 4Q 2015-16 \$ 237,000 | | 2Q 2016-17 \$ 379,200 | | Check \$ 1,896,000 |
| 4. | An estimated sched | ule for the comp | letion of the | project: | | | | | | |
| | Begin design: I | December 2014; | Complete co | nstruction | n March | 2017 | | | | |
| 5. | An estimate of main covering the first first | | | | | | | ese costs | , includii | ng personnel, |
| | n/a | | | | | | | | | |
| 6. | An estimate of reve (Answer for capital | • | • | ved from | the proje | ect, cove | ring the f | ïrst five | years of o | operation |
| | n/a | | | | | | | | | |
| 7. | An explanation of t | he means of fina | ncing: F&A | Funds | | | | | | |

Form OC-25 (Rev 09/14)

| DEPA | ARTMENT and DIVISION: | UNC Chapel Hill | | | | | 10/27/2014 | | |
|---------|--|----------------------------|-----------------------|--|---|-------------|--------------------|-------------|-------------|
| | JECT IDENTIFICATION: | Improvements to Me | et Fire Safety | Needs, Taylor F | tall | • | - | | |
| | JECT CITY or LOCATION: | Chapel Hill | | | | | | | |
| PRO. | JECT DESCRIPTION & JUSTIFICATI | ON: (Attach addī data as i | necessary to indi | cate need, size, fun | ction of improve | ements as v | vell as a master p | olan.) | |
| | project will address the non-compliant | | | | | | | | |
| 11110 | orojost niii addresos irio nois compilare | On an poriod alloro and | 00101 1110 0010 | ., | • • • • • • • • • • • • • • • • • • • | | | | |
| (Defin | itions/explanations are provided on pg 2 | to assist in completion of | this form.) | | | | | | |
| • | RENT ESTIMATED CONSTRUCTION | | • | QTY | UNIT | COST | PER UNIT | TO | OTAL |
| A. | Land Requirement | | | | | | | | \$0 |
| B. | Site Preparation | | | | • | • | | | |
| | 1. Demolition | | | | | | | | \$0 |
| | 2. Site Work | | | | | | | | \$0 |
| C. | Construction | | | | • | • | | | |
| | 1. Utility Services | | | | | | | | \$0 |
| | 2. Building Construction (new spa | ace) | | | | | | | \$0 |
| | 3. Building Construction (existing | | | 75,928.00 | Sq. Ft. | \$ | 17.48 | | \$1,327,559 |
| | 4. Plumbing (new space) | • | | | | | | | \$0 |
| | 5. HVAC (new space) | | | | | | | | \$0 |
| | 6. Electrical (Includes TV & Radio | Studio) | | | | | | | \$0 |
| | 7. Fire Supression and Alarm Sys | stems | | | | | | | \$0 |
| | 8. Telephone, Data, Video | | | | | | | | \$0 |
| | Associated Construction Costs | 3 | | 1 | Lump Sum | \$ | 314,000.00 | | \$314,000 |
| | 10. Other: | | _ | | | | | | \$0 |
| D. | Equipment | | | | | | | | |
| | 1. Fixed | | | | | | | | \$0 |
| | 2. Moveable | | | | | | | | \$0 |
| ESTI | MATED CONSTRUCTION COSTS | | | | | | L | | \$1,641,559 |
| Items | below may be calculated by percentage or | r lump sum. If using lump | sum, make entr | y in \$ field. | | | | | |
| | OU BEE | | (0) - (7) - (1) - (1) | | N = - (-) | | г | | \$147,740 |
| | GN FEE | 9 % | • | ted Construction C | • | ou conside | } | | \$147,740 |
| | CONSTRUCTION COSTS | 0.5 % | • | led Construction C ; 1.0% moderate; | - | | | | \$8,208 |
| | MISSIONING | 0.5 % | (0.5% simple) | | 1.5% COMPREX | •) | - | | \$0,200 |
| | CIAL INSPECTIONS/MATERIALS | 0 % | • | aled) old, 2% LEED Silv | 10t) | | - | | \$0 |
| 3031 | FAINABILITY | | • | | • | | | | |
| 4 D) ((| ANOT DI ANNINO | 1 % | | ramming, feasibili | | | | | \$16,416 |
| AUVA | ANCE PLANNING | 1 70 | · | ed Construction C | • | | _ | | |
| CON | TINGENCIES | 5 % | (% of Estimat | led Construction C | Costs [3% New | or 5% R8 | kR]) | | \$82,078 |
| FOTU | MATER COOTS (A) - A T- Provided A | D | tinnanaian . Da | valen Faal | | | | | \$1,896,000 |
| | • | Construction Costs + Con | tingencies + De | esign ree) | | | Ł | | \$1,030,000 |
| | lation = percent per month multiplied b | | , |) months | 0 | % per m | onth | | |
| | n Est. Date to mid-point of construction) al Bldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-3 | | | | | 70 pci mi | Ollin | | |
| | | | | | | | | | |
| | Bldgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 | | | 36%; 36-47 mos = .36% | 6; 48-60 mos = .3 | 58% | г | | en! |
| ESCA | ALATION COST INCREASE (Total of | r Estimated Costs x Esca | alation %) | | | | L | | \$0 |
| TOTA | AL ESTIMATED PROJECT COSTS | S /(Estimated Costs + Esc | calation Cost Incr | rease) | | | Γ | | \$1,896,000 |
| | $I \cap I \cap I$ | 10 | • | | | | | (4)4-11 | <u> </u> |
| APPF | ROVED BY: | 1/ | _ | Director of Facilitie | es Planning and | l Design | _1 | 10/27/14 | |

| Inst | titution: | The Univ | versity of I | North Carolin | a at Chapel I | Hill | | Planning F | | | |
|------|---|--------------|----------------|-----------------------|----------------|---------------|--------------|--------------|-----------------|--|--|
| Inc | rease in Authorizati | on from: S | <u>0</u> | to <u>\$1,505,800</u> | <u>)</u> | | Ne | w Capital P | roject*: x | | |
| Pro | ject Title: Roof Re | pairs and I | Replaceme | nts – Kenan l | Laboratories | and Friday | Center | | | | |
| Pro | ject Cost: \$1,505,8 | 300 | | | | | | | _ | | |
| Sou | arce of Funds: F&A | Funds | | | | | | | | | |
| | this project has prev hority is carried. Co | | | | nority, please | identify co | de/item nu | mber under | which that | | |
| For | r each advance pla | nning pro | ject or caj | pital constru | ction projec | t, please pr | ovide the | following: | | | |
| 1. | Provide detailed de | escription a | and justific | cation: | | | | | | | |
| | UNC Chapel Hill is committing F&A funds to perform roof repairs and replacements for UNC facilities. At this time, Kenan Laboratory and the lower east and upper west sectors of the Friday Center are scheduled. | | | | | | | | | | |
| 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 C | C-25 form | ı. | | | | | | | | |
| 3. | An estimated sched construction only): | | h flow req | uirements ov | er the life of | the project | by FY qua | rters (Answ | ver for capital | | |
| TPC | 2 | | | | | | | | | | |
| \$ | 1,505,800 | Coc | h Flour Estims | te for Total Projec | at Cost | | | | | | |
| By I | End of: | | | 4Q 2014-15 | 1Q 2015-16 | 2Q 2015-16 | 3Q 2015-16 | 4Q 2015-16 | Check | | |
| Exp | pected Expenditure | | \$ 75,290 | | \$ 180,696 | \$ 527,030 | \$ 301,160 | | \$ 1,505,800 | | |
| 4. | An estimated sched | dule for the | e completi | on of the pro | ject: | | | | | | |
| | Begin – December | 2015; Co | nstruction | completion- | June 2016 | | | | | | |
| 5. | An estimate of mai covering the first fi | | | | | | | costs, inclu | iding personnel | | |
| | na | | | | | | | | | | |
| 6. | An estimate of revo | | | | from the proj | ject, coverii | ng the first | five years | of operation | | |
| | n/a | | | | | | | | | | |
| 7. | An explanation of | the means | of financi | ng: F&A Fui | nds | | | | | | |

Form OC-25 (Rev 09/14)

| DEPARTMENT and DIVISION: | UNC Chapel Hill | | | | | 10/27/2014 | ļ | |
|---|--|---------------------|------------------------|-------------------|------------|------------------|--|-------------|
| PROJECT IDENTIFICATION: | enan Laboratori | es and Frida | y Center | | | | | |
| PROJECT CITY or LOCATION: | | | | ' | | | | |
| PROJECT DESCRIPTION & JUSTIFICATION | ON: (Attach add'l data as i | necessary to indic | ate need, size, fun | ction of improve | ements as | well as a master | r plan.) | |
| This project will replace the existing roofs ar | nd install new fall prote | ction. | | | | | | |
| | | | | | | | | |
| (Definitions/explanations are provided on pg 2 to | | this form.) | <u> </u> | | | | | |
| CURRENT ESTIMATED CONSTRUCTION | COST | | QTY | UNIT | COST | PER UNIT | Ī | OTAL |
| A. Land Requirement | | | | | <u> </u> | | <u> </u> | \$0 |
| B. Site Preparation | | | 1 | | I | | 1 | <u></u> |
| 1. Demolition | | | | | | | | \$0 \$0 |
| Site Work Construction | | | <u> </u> | | <u> </u> | | | φυ |
| | | | r | | Ι | | T | \$0 |
| Utility Services Ruilding Construction (now one) | 201 | | | | <u> </u> | | | \$0 \$0 |
| Building Construction (new space) Building Construction (existing) | Je) | | 84,126.00 | Sa Et | \$ | 13.04 | | \$1,096,649 |
| 3. Building Construction (existing)4. Plumbing (new space) | | | 01,120.00 | 04.7 6 | * | 10.01 | | \$0 |
| 5. HVAC (new space) | | | | | <u> </u> | * | | \$0 |
| 6. Electrical (Includes TV & Radio | Studio) | | | | | 101 | <u> </u> | \$0 |
| 7. Fire Supression and Alarm Syst | - | | | | | | | \$0 |
| 8. Telephone, Data, Video | | | | | | | | \$0 |
| Associated Construction Costs | | | 1 | Lump Sum | \$ | 200,000.00 |) | \$200,000 |
| 10. Other: | | | | | | | | \$0 |
| D. Equipment | | - | | | | | | |
| 1. Fixed | | | | | | | | \$0 |
| Moveable | | | | | | | | \$0 |
| ESTIMATED CONSTRUCTION COSTS | | | | | | | | \$1,296,649 |
| Items below may be calculated by percentage or | lump sum. If using lump | sum, make entry | in \$ field. | | | | | |
| DESIGN FEE | 9 % | (% of Estimate | ed Construction C | osts) | | | | \$116,698 |
| PRECONSTRUCTION COSTS | 0 % | - | d Construction C | • | CM@Risk | }} | | \$0 |
| COMMISSIONING | 0 % | • | 1.0% moderate; | - | _ | • , | | \$0 |
| SPECIAL INSPECTIONS/MATERIALS | 1.3 % | (1.25% estima | ted) | · | • | | | \$16,856 |
| SUSTAINABILITY | 0 % | (3% LEED Gol | ld, 2% LEED Silv | er) | | | | \$0 |
| - | | Includes progra | amming, feasibilit | tv. analysis | | | | |
| ADVANCE PLANNING | 0 % | | ed Construction C | | | | 1 | \$0 |
| CONTINGENCIES | 5 % | (% of Estimate | d Construction C | nete 13% Nou | or 5% R | t ias | | \$64,832 |
| - | | (to or Estimate | o constituction c | osts to men | 01 070 100 | x1 \1 / | | VO 1,002 |
| ESTIMATED COSTS (% of Estimated Co | onstruction Costs + Con | tingencies + Des | sian Fee) | | | | | \$1,495,036 |
| Escalation = percent per month multiplied by | | | | | | | | |
| (From Est. Date to mid-point of construction) = | | 18 | months | 0.04 | % per m | onth | | |
| General Bidgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 | | 6%; 48-60 mos = .18 | 3% | | | | | |
| Health Dideas & E. man 400/. 6.44 man = 92.0/. 49.47 m | 000 - 900/ 10 99 mos - 900 | V : 24 25 mag = 220 | V 1 20 47 man = 200/ | . 40 co o | 1000 | | | |
| Health Bldgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 m | | | %; 30-47 mos → .30% | s, 40-00 mos ≃ .c | 0070 | | | \$10,764 |
| ESCALATION COST INCREASE (Total of E | _oundied GUSIS X ESC | mativit 70 j | | | | | L | |
| TOTAL ESTIMATED PROJECT COSTS | (Estimated Costs + Esc | calation Cost Incre | ase) | | | | Warning (Ambi) | \$1,505,800 |
| APPROVED BY: | The state of the s | - | Director of Facilities | es Planning and | l Design | | 10/27/14 | |

| Institution: | The University of Nor | th Carolina at Cl | napel Hill | Advance Plann | |
|--|---|---|---|---|--|
| Increase in Authorization | n from: \$ <u>0</u> to <u>\$</u> | 52,328,000 | | New Capi | tal Project*: x |
| Duningt Titles Compline I | ma Dostovnout and Dos | . Domovotion | | | |
| Project Title: Carolina I | in, Restaurant and Bar | Renovation | | | |
| Project Cost: \$2,328,00 | 0 | | | | |
| Source of Funds: <u>Institu</u> | itional Trust Fund | | | | |
| *If this project has previous authority is carried. Cod | - | | please identify co | de/item number ι | under which that |
| For each advance plant | ning project or capita | l construction p | project, please pr | ovide the follow | ing: |
| bar will create a mor 4200 square feet, the connect the bar and a conversion of the ex the Front Porch with Administrative staff 2. 3. An estimate of acqui | escription and justifical reaccessible and update key components of the restaurant; relocation of isting buffet area into a new tables and lounger swing space will be partisition, planning, design construction only and it | ted environment the renovation income of the bar to gain a new market feat the seating for oute art of the project on, site development | to attract more parelude expanding the efficiency in circular turing bakery and door dining. In acceptance, construction, | trons. Affecting the current entry co- ulation and additi I coffee products; Idition, upfit for t | approximately orridor to ional bar seats; ; and update of the Carolina Inn |
| See attached OC | C-25 form . | | | | |
| An estimated schedu construction only): | ale of cash flow require | ements over the | life of the project | by FY quarters (A | Answer for capital |
| Total Project Cost | | | | | |
| \$2,3 | 28,000 | | | | |
| Cash Flow Estimate for | Total Project Cost | | | | |
| By End of: | 2Q 2015-16 | 3Q 2015-16 | 4Q 2015-16 | 1Q 2016-17 | Check |
| Expected Expenditure | \$232,800 | \$582,000 | \$698,400 | \$814,800 | \$2,328,000 |

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

Design Development and Construction Documentation phases will begin in the Fall of 2014 and will require roughly nine months to complete. It is anticipated that construction will occur between June through August of 2015, which are slower months for the hotel.

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

n/a

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

n/a

8. An explanation of the means of financing: Departmental Cash – Unexpended Plant Fund (\$1,728,000) and F&A Funds (\$600k)

Form OC-25 (Rev 09/14)

| DEPARTMENT and DIVISION: | | 10/27/2014 | | | | | | |
|---|------------------------------|--------------------|------------------------|-------------------|--------------|--------------|-----------------|---------------|
| PROJECT IDENTIFICATION: | Carolina Inn, Resta | urant and Bar | Renovation | | - | | | |
| PROJECT CITY or LOCATION: | Chapel Hill | | | | | | | |
| PROJECT DESCRIPTION & JUSTIFICATION | | | | | | | | |
| This project will renovate the existing restau | rant and bar at the Ca | rolina Inn. In a | ddition, the upfit | for the Caro | lina Inn Adn | ninistrative | staff swir | ng space will |
| be part of the project. | | | | | | | | |
| | | | | | | | | |
| (Definitions/explanations are provided on pg 2 to | | this form.) | OT/ | 1007 | LOCOTO | -DIABT | | TOTAL |
| CURRENT ESTIMATED CONSTRUCTION | COST | | QTY | UNIT | COST P | ER UNIT | 3. 3. | TOTAL |
| A. Land Requirement | | | | | | | | \$0 |
| B. Site Preparation | | | | | | | 1 | eol |
| 1. Demolition | | | | | <u> </u> | | | \$0 \$0 |
| 2. Site Work | | | | <u> </u> | <u> </u> | | <u> </u> | φυ |
| C. Construction | | | | 1 | 1 | 1 | 1 | ėol |
| Utility Services | | | | | | | | \$0 \$0 |
| 2. Building Construction (new space | ce) | | 40000 | 10- F | | 495 70 | | |
| 3. Building Construction (existing) | | | 12000 | Sq. Ft. | \$ | 135.78 | | \$1,629,348 |
| 4. Plumbing (new space) | | | *** | | | | | \$0 \$0 |
| 5. HVAC (new space) | O(P.) | | | | | | | \$0 |
| 6. Electrical (Includes TV & Radio | • | | | | | | | \$0 \$0 |
| 7. Fire Supression and Alarm Syst | ems | | | | | | | \$0 \$0 |
| 8. Telephone, Data, Video | | | 4 | Lump Sum | \$ 1 | 14,000.00 | | \$114,000 |
| 9. Associated Construction Costs | | | <u>'</u> | Lump Sum | Ą | 14,000.00 | | |
| 10. Other: | | _ | | <u> </u> | L | | | \$0 |
| D. Equipment | | | | | | | | |
| 1. Fixed | | | | 1 | | 04:000.00 | | \$0 |
| 2. Moveable | | | 1 | Lump Sum | \$ 2 | 81,000.00 | | \$281,000 |
| ESTIMATED CONSTRUCTION COSTS | | | | | | | | \$2,024,348 |
| Items below may be calculated by percentage or | lump sum. If using lump | sum, make entr | y in \$ field. | | | | | |
| BEGION FEE | 10 % | /07 - 5 E - P | | N(-) | | j | | \$202,434.80 |
| DESIGN FEE | | • | ed Construction C | , | DUOD:-UV | | | \$202,434.60 |
| PRECONSTRUCTION COSTS | | , | ed Construction C | - | | | | \$0 \$0 |
| COMMISSIONING | | | ; 1.0% moderate; | 1.5% complex |) | | | \$0 |
| SPECIAL INSPECTIONS/MATERIALS | | (1.25% estimates) | • | 104) | | | | \$0 \$0 |
| SUSTAINABILITY | | - | old, 2% LEED Silv | • | | | | 90 |
| 4 m 3 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 0/ | | ramming, feasibili | | | | | ėo. |
| ADVANCE PLANNING | % | (% of Estimat | ed Construction C | Costs) | | | | \$0 |
| CONTINGENCIES | 5 % | (% of Estimat | ed Construction C | Costs [3% New | or 5% R&R) |) | | \$101,217 |
| ESTIMATED COSTS (% of Estimated Co | onstruction Costs + Con | tingencies + De | sign Fee) | | | ĺ | | \$2,328,000 |
| Escalation = percent per month multiplied by | number of months | | | | | • | | |
| (From Est. Date to mid-point of construction) = | | (|) months | 0 | % per mont | h | | |
| General Bldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 | mos = .12%; 36-47 mos = .18 | 6%; 48-60 mos = .1 | 18% | | | | | |
| Health Bldgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 m | nos = .26%; 18-23 mos = .299 | %; 24-35 mos = .33 | 3%; 36-47 mos = .36% | %; 48-60 mos = .3 | 38% | | | |
| ESCALATION COST INCREASE (Total of E | Estimated Costs x Esca | alation %) | | | | | | \$0 |
| TOTAL ESTIMATED PROJECT COSTS | (Estimated Costs + Esc | calation Cost Incr | ease) | | | | | \$2,328,000 |
| APPROVED BY: (Governing Board or Age) | ncy Head) | · | Director of Facilities | es Planning and | I Design | · | <u>10/27/14</u> | |

| | The University of North | Carolina at Ch | apel Hill | Advance Plann | |
|---|---|---|---|--|-----------------------|
| Increase in Author | orization from: \$\ <u>0</u> to \$1, | 200,000 | | New Capi | ital Project*: x |
| Project Title: Eh | nringhaus, Hinton James, and Car | rmichael Resid | ence Halls – R | oof Replacement | |
| Project Cost: \$1 | 1,200,000 | | | | |
| Source of Funds: | : Housing Trust Fund – Housing | Facilities Proje | ects | | |
| | as previously had advance plannied. Code Item | ing authority, p | lease identify o | code/item number u | under which that |
| For each advan | ce planning project or capital c | onstruction p | roject, please] | provide the follow | ing: |
| Carmichael la replacement. 2. An estimate | illed description and justification: Residence Halls are over 23 year of acquisition, planning, design, capital construction only and inc | s of age, past t site developme | he normal usefuent, construction | ul life of 20 years, and n, contingency and | and are in need of |
| See attached OC | -25 form . | • | | • | |
| | d schedule of cash flow requirem | ents over the l | fe of the projec | et by FY quarters (A | Answer for capital |
| construction | only): | | | | answer for cupitur |
| construction | _ | | | | 2115 WCT 151 Cup11111 |
| construction | only): Total Project Cost \$1,200,000 | | | | |
| construction | Total Project Cost | Cash Flow E | stimate for Tot | al Project Cost | |
| construction | Total Project Cost | Cash Flow E 2Q 2014-15 | stimate for Tot 3Q 2014-15 | al Project Cost 4Q 2014-15 | TOTAL |
| construction | Total Project Cost \$1,200,000 | | | | - |
| 4. An estimated | Total Project Cost \$1,200,000 By End of: | 2Q 2014-15 \$120,000 the project: | 3Q 2014-15 \$540,000 | 4Q 2014-15 | TOTAL |
| An estimated Begin da An estimate | Total Project Cost \$1,200,000 By End of: Expected Expenditure d schedule for the completion of | 2Q 2014-15 \$120,000 the project: date – June 20 ests and source | 3Q 2014-15 \$540,000 015 of funding to s | 4Q 2014-15 \$540,000 upport these costs, | TOTAL \$1,200,000 |
| An estimated Begin da An estimate | Total Project Cost \$1,200,000 By End of: Expected Expenditure d schedule for the completion of ate- December 2014; completion of maintenance and operating co | 2Q 2014-15 \$120,000 the project: date – June 20 ests and source | 3Q 2014-15 \$540,000 015 of funding to s | 4Q 2014-15 \$540,000 upport these costs, | TOTAL \$1,200,000 |
| 4. An estimated Begin do 5. An estimate covering the n/a 6. An estimate | Total Project Cost \$1,200,000 By End of: Expected Expenditure d schedule for the completion of ate- December 2014; completion of maintenance and operating co | 2Q 2014-15 \$120,000 the project: date – June 20 ests and source swer for capita | 3Q 2014-15 \$540,000 115 of funding to s | 4Q 2014-15 \$540,000 upport these costs, only): | TOTAL \$1,200,000 |

7. An explanation of the means of financing: Housing Trust Fund – Housing Facilities Projects

Form OC-25 (Rev 09/14)

| DEPARTMENT and DIVISION: | UNC Chapel Hill | | | | | 10/27/2014 | |
|---|------------------------------|-----------------------|------------------------|------------------|-------------|--|-------------|
| PROJECT IDENTIFICATION: | Ehringhaus, Hinton | James and Ca | rmichael Reside | ence Halls, F | Roof Rep | | |
| PROJECT CITY or LOCATION: | Chapel Hill | | | | | | |
| PROJECT DESCRIPTION & JUSTIFICATION | N: (Attach add'i data as n | ecessary to indicat | e need, size, function | on of improvem | ents as w | ell as a master plan. | |
| This project will replace the existing roofs an | | | | | | | |
| | • | | | | | | |
| (Definitions/explanations are provided on pg 2 to a | assist in completion of the | nis form.) | | | | | |
| CURRENT ESTIMATED CONSTRUCTION | COST | · | QTY | ÜNÌT | COS | PER UNIT | TOTAL |
| A. Land Requirement | | | | | | | \$0 |
| B. Site Preparation | | | | | | | |
| 1. Demolition | | | | | | | \$0 |
| 2. Site Work | | | | | | | \$0 |
| C. Construction | | | | | r | ····· | |
| Utility Services | | | | | | | \$0 |
| Building Construction (new space) | e) | | 00.500 | 0.5 | _ | 4400 | \$0 |
| 3. Building Construction (existing) | | | 63,500 | <u>51-</u> | \$ | 14.80 | \$939,800 |
| Plumbing (new space) HVAC (new space) | | | | | | | \$0 \$0 |
| HVAC (new space) Electrical (includes TV & Radio states) | Studio | : | | | <u></u> | | \$0 |
| 7. Fire Supression and Alarm System | | | | | | | \$0 |
| 8. Telephone, Data, Video | 51110 | | | | | | \$0 |
| Associated Construction Costs | | | 1 | Lump Sum | \$ | 104,000.00 | \$104,000 |
| 10. Other: | | | | , | | , | \$0 |
| D. Equipment | | | | | | I | 7. |
| 1. Fixed | | | | | | | \$0 |
| 2. Moveable | | | | | | | \$0 |
| ESTIMATED CONSTRUCTION COSTS | | ! | | | | | \$1,043,800 |
| Items below may be calculated by percentage or lun | np sum. If using lump su | ım, make entry in | \$ field. | | | | |
| _ | | | | | | _ | |
| DESIGN FEE | 9 % | (% of Estimated | d Construction Co | osts) | | | \$93,942.00 |
| PRECONSTRUCTION COSTS | % | (% of Estimated | d Construction Co | sts [1% for C | M@Risk] |) | \$0 |
| COMMISSIONING | % | (0.5% simple; 1 | l.0% moderate; 1 | .5% complex) | | | \$0 |
| SPECIAL INSPECTIONS/MATERIALS | % | (1.25% estimat | ed) | | | | \$0 |
| SUSTAINABILITY | % | (3% LEED Gold | d, 2% LEED Silve | रा) | | <u>. </u> | \$0 |
| | | Includes progra | mming, feasibility | , analysis | | | |
| ADVANCE PLANNING | % | | d Construction Co | - | | | \$0 |
| CONTINGENCIES | 5 % | /% of Fetimator | d Construction Co | nete 13% Naw | or 5% R: | eri) | \$52,190 |
| | | (70 OI LOBINATOR | a constitution oc | 10 10 10 14 CH | 01 0 70 111 | ~'''' | 402,100 |
| ESTIMATED COSTS (% of Estimated Cor | struction Costs + Conti | naencies + Desic | ın Fee\ | | | | \$1,189,932 |
| Escalation = percent per month multiplied by | | ngonoroo : 2001g | jii (00) | | | L. | |
| (From Est. Date to mid-point of construction) = | | 20 | months | 0.04 | % per n | nonth | |
| General Bldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 i | nos = .12%: 36-47 mos = .1 | | | | | | |
| • | · | • | | | | | |
| Health Bldgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 m | | | %; 36-47 mos = .36 | %; 48-60 mos = | .38% | _ | |
| ESCALATION COST INCREASE (Total of E | stimated Costs x Esca | lation %) | | | | | \$9,519 |
| TOTAL ESTIMATED PROJECT COSTS | (Cotimated Costs + Ess | alation Cost Increase | · a) | | | Г | \$1,199,451 |
| TOTAL EQUINATED PROJECT COSTS | (Sstimated Costs + Esca | nauon Cost Increas | og) | | | L | A111001201 |
| APPROVED BY: | | • | Director of Facilities | s Plannino and I | Desion | 16 | 0/27/14 |
| (Governing Boald or Agence | y Head) | - | | | | | <u>-</u> |
| | | | | | | | |

New Capital Improvement Project Consultation Required per Section 6.5. (d)(4) of S.L. 2011-145¹

| Department/Institution: University of North Carolina at Chapel Hill | Advance Planning Request: | | | | | | | | |
|--|---------------------------|--|--|--|--|--|--|--|--|
| | New Capital Projects: X | | | | | | | | |
| Project Title: Energy Efficiency Program, Chapman Hall, ITS Manning, and | Glaxo Building | | | | | | | | |
| Project Cost: \$1,355,000 | | | | | | | | | |
| Froject Cost: \$1,355,000 Source of Funds: Energy Savings Carry Forward (1292 funds) | | | | | | | | | |
| Jource of Funds. Emergy Savings Carry Forward (12)2 funds) | | | | | | | | | |

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

1. A detailed project description and justification:

Implement energy conservation measures at Chapman Hall, ITS Manning and Glaxo Building.

- **2.** An estimate of acquisition, planning, design, site development, construction, contingency and other related costs (Answer for capital construction only): See Attached OC-25
- 3. An estimated schedule of cash flow requirements over the life of the project (Answer for capital construction only):

| TPC | | | | | | | | | | | |
|--|-----------|-----------|-----------|-----------|------------|------------|------------|------------|------------|------------|--------------|
| \$ 1,355,000 | | | | | | | | | | | |
| Cash Flow Estimate for Total Project Cost | | | | | | | | | | | |
| By End of: 4Q 2014-15 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 Che | | | | | | | | | Check | | |
| Expected Expenditure | \$ 67,750 | \$ 67,750 | \$ 67,750 | \$ 94,850 | \$ 135,500 | \$ 176,150 | \$ 203,250 | \$ 271,000 | \$ 135,500 | \$ 135,500 | \$ 1,355,000 |

- 4. An estimated schedule for the completion of the project: Begin design: June 2015 Complete construction: July 2017
- **5.** An estimate of maintenance and operating 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): None
- 7. An explanation of the means of financing: Energy Savings Carry Forward (1292 funds)

Form OC-25 (Rev 09/14)

| DEPAR | RTMENT and DIVISION: | UNC Chapel Hill | | | | | 10/27/2014 | | |
|-------------|--|---------------------------------|---|------------------------|---|-----------|------------------|----------|-------------|
| PROJE | CT IDENTIFICATION: | Energy Efficiency Pr | ogram, Chapn | nan Hall, ITS Ma | anning and G | laxo Bui | lding | | |
| PROJE | CT CITY or LOCATION: | Chapel Hill | | | *************************************** | | | | |
| PROJE | CT DESCRIPTION & JUSTIFICATION | ON: (Attach add'i data as r | necessary to indic | cate need, size, fun | ction of improve | ements as | well as a master | plan.) | |
| | oject will implement energy conserva | | • | | | | | · | |
| - Trico pro | sjoot till implement energy concerta | aon modouroo at onep | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | Thursday and C | and Daniening | ' | | | |
| (Definition | ons/explanations are provided on pg 2 to | o assist in completion of | this form.) | | | | | | |
| | ENT ESTIMATED CONSTRUCTION | | | QTY | UNIT | COST | PER UNIT | 1 | OTAL |
| | Land Requirement | | | | | | | | \$0 |
| | Site Preparation | | | | I | <u> </u> | | | |
| | 1. Demolition | | | | | | | | \$0 |
| | 2. Site Work | | | | | | | | \$0 |
| C. | Construction | | | | A.,, | | | | |
| | 1. Utility Services | | | | | | | | \$0 |
| | 2. Building Construction (new space | ce) | | | | | | | \$0 |
| | 3. Building Construction (existing) | | | 266,459.00 | Sq. Ft. | \$ | 3.75 | | \$998,838 |
| | 4. Plumbing (new space) | | | | | | | | \$0 |
| | 5. HVAC (new space) | | | | | | | | \$0 |
| | 6. Electrical (Includes TV & Radio | Studio) | | | | | | | \$0 |
| | 7. Fire Supression and Alarm Syst | ems | | | | | | | \$0 |
| | 8. Telephone, Data, Video | | | | | | | | \$0 |
| | 9. Associated Construction Costs | | | 1 | Lump Sum | \$ | 171,000.00 | | \$171,000 |
| | 10. Other: | | _ | | | | | | \$0 |
| | Equipment | | - | | | | 11 | , | |
| | 1. Fixed | | | | Lump sum | | | | \$0 |
| | 2. Moveable | | | <u> </u> | Lump Sum | | | | \$0 |
| ESTIM. | ATED CONSTRUCTION COSTS | | | | | | ` | | \$1,169,838 |
| ltems be | low may be calculated by percentage or | lump sum. If using lump | sum, make entry | y in \$ field. | | | | | |
| | - | | | | | | r | | |
| DESIGN | | 9 % | • | ed Construction C | • | | | | \$105,285 |
| | INSTRUCTION COSTS | 0 % | • | ed Construction C | - | - | (1) | | \$0 |
| | ISSIONING | 1 % | | 1.0% moderate; | 1.5% complex | :) | | | \$11,698 |
| | AL INSPECTIONS/MATERIALS | 0 % | (1.25% estima | - | , | | - | | \$0 \$0 |
| SUSTA | INABILITY _ | U 76 | • | ld, 2% LEED Silv | • | | | | |
| | | 0.07 | | amming, feasibili | | | | | • |
| ADVAN | ICE PLANNING _ | 0 % | (% of Estimate | ed Construction C | costs) | | ļ | | \$0 |
| CONTIN | NGENCIES | 5 % | (% of Estimate | ed Construction C | osts [3% New | or 5% R | &R]) | | \$58,492 |
| COTIMA | ATED COSTS (% of Estimated Co | onstruction Costs + Cont | ingonoice + Dos | nian Engl | | | | | \$1,345,314 |
| | ion = percent per month multiplied by | | ingencies + Dea | sigii ree) | | | Ł | | \$1,040,014 |
| | st. Date to mid-point of construction) = | | 18 | months | 0.04 | % per m | onth | | |
| • | ldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 | | | - | | ,0 po. 11 | | | |
| | lgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 m | | | | % 48-60 mos = 3 | 18% | | | |
| | ATION COST INCREASE (Total of E | | | , o, o o o o o o | u, 10 00 11100 1.0 | ~~~ | 1 | | \$9,686 |
| LOOAL | ATION GOOT MONEAGE (Total of | _5timated 005t5 x L30 ti | 1144021 707 | | | | L | | 40,000 |
| TOTAL | . ESTIMATED PROJECT COSTS | (Estimated Costs + Esc | alation Cost Incre | ease) | | | | | \$1,355,000 |
| | 1/ | 11- | | | | | 1 | | |
| APPRO | VED BY: | | | Director of Facilities | es Planning and | l Design | | 10/27/14 | |
| | (Governing Board or Age | rcy Head) | | | | | | | |
| | | | | | | | | | |

| Institution: | The University of North | Carolina at Cha | apel Hill | Advance Plant | | |
|-------------------------------------|---|---------------------------------|---------------------------------|--|--------------------------------------|-------|
| Increase in Author | orization from: \$ <u>0</u> to <u>\$1,9</u> | 900,000 | | New Cap | ital Project*: | X |
| Project Title: Eh | ringhaus, Hinton James, and Car | rmichael Reside | ence Halls – El | evator Moderniza | tion | |
| Project Cost: \$1 | ,900,000 | | | | | |
| Source of Funds: | Housing Trust Fund – Housing | Facilities Proje | cts | | | |
| | as previously had advance plannied. Code Item | ng authority, p | lease identify o | code/item number | under which tha | at |
| For each advan | ce planning project or capital c | onstruction pr | oject, please j | provide the follow | ving: | |
| Residence H standards as (ADA) comp | iled description and justification: alls are in need of replacement. required by the NC Department obliance as well. of acquisition, planning, design, | Modernizing the of Labor; provi | ne elevators wilde fire codes a | Il bring them up to nd Americans with n, contingency and | current life saf h Disabilities A | ct |
| | capital construction only and incepted OC-25 form. | iude a compieti | ea OC-25 Iom | 1) | | |
| | l schedule of cash flow requirem | ents over the li | fe of the projec | et by FY quarters (| Answer for cap | oital |
| | Total Project Cost | | | | | |
| | \$1,900,000 | | | | | |
| | | | | al Project Cost | | |
| | By End of: | 2Q 2015 | 3Q 2015 | 4Q 2015 | TOTAL | |
| | Expected Expenditure | \$190,000 | \$855,000 | \$855,000 | \$1,900,000 | |
| 3. An estimated | d schedule for the completion of | the project: | | | | |
| 4. An estimate | December 2014; Completion da of maintenance and operating co first five years of operation (Ans | sts and source | | | including perso | onnel |
| (Answer for | of revenues, if any, likely to be decapital construction only): | lerived from the | e project, cove | ring the first five y | ears of operation | on |
| n/a | | | | | | |

6. An explanation of the means of financing: Housing Trust Fund – Housing Facilities Projects

Form OC-25 (Rev 09/14)

| DEPARTMENT and DIVISION: | UNC Chapel Hill | | | | 10/27/2014 | | | |
|--|---|--------------------------------|--|-----------------|------------------------------|---------------------|--|--|
| PROJECT IDENTIFICATION: | ROJECT IDENTIFICATION: Ehringhaus, Hinton James and Carmichael Residence Halls, Elevator Modernization Chapel Hill | | | | | | | |
| - | | | | | | | | |
| PROJECT DESCRIPTION & JUSTIFICATION This project will address the ADA and other | | | | | ents as well as a master pla | n.) | | |
| This project will address the ADA and other | code deliciencies for | ali elevators iri | the three reside | ence nais. | | | | |
| (Definitions/explanations are provided on pg 2 to | | nis form.) | [···· | F | | | | |
| CURRENT ESTIMATED CONSTRUCTION | COST | | QTY | UNIT | COST PER UNIT | TOTAL | | |
| A. Land Requirement | | | | | | \$0 | | |
| B. Site Preparation1. Demolition | | | | | | \$0 | | |
| 2. Site Work | | | - | | | \$0 \$0 | | |
| C. Construction | | | 1 | | | | | |
| Utility Services | | | | | | \$0 | | |
| Building Construction (new space) | ce) | | | | | \$0 | | |
| 3. Building Construction (existing) | • | | 7 | Ea. Elev | \$ 226,700.00 | | | |
| Plumbing (new space) | | | | | | \$0 | | |
| 5. HVAC (new space) | . | | | | | \$0 | | |
| 6. Electrical (Includes TV & Radio | | | | | | \$0 \$0 | | |
| Fire Supression and Alarm Syst Telephone, Data, Video | ems | | | | | \$0 | | |
| Telephone, Data, Video Associated Construction Costs | | | 1 | Lump Sum | \$ 75,000.00 | | | |
| 10. Other: | | | <u> </u> | Lump cum | 10,000.00 | \$0 | | |
| D. Equipment | | _ | I | L | | I | | |
| 1. Fixed | | | | | | \$0 | | |
| 2. Moveable | | | | | | \$0 | | |
| ESTIMATED CONSTRUCTION COSTS | | | | | | \$1,667,900 | | |
| Items below may be calculated by percentage or lu | mp sum. If using lump st | ım, make entry İn | \$ field. | | | | | |
| - | 0.0/ | 101 C2" (1 | 10 | 1.3 | | 6422 422 00 | | |
| DESIGN FEE | <u>8</u> % | • | d Construction C | • | MODI-M) | \$133,432.00 \$0 | | |
| PRECONSTRUCTION COSTS | —————————————————————————————————————— | • | d Construction C 1.0% moderate; 1 | - | | \$0 | | |
| COMMISSIONING SPECIAL INSPECTIONS/MATERIALS | | (0.5% simple, (1.25% estima | | i.o% complex) | | \$0 | | |
| SUSTAINABILITY | % | • | id, 2% LEED Silvi | or\ | | \$0 | | |
| SOCIAINADILITI | | · | | - | | Y | | |
| ADVANCE PLANNING | % | | amming, feasibilit d Construction C | | | \$0 | | |
| - | | • | | · | | | | |
| CONTINGENCIES | 5 % | (% of Estimate | d Construction C | osts [3% New | or 5% R&R]) | \$83,395 | | |
| ESTRUTED 000T0 | | | - \ | | | 64 004 707 | | |
| · · · · · · · · · · · · · · · · · · · | nstruction Costs + Conti | ngencies + Desi | gn Hee) | | | \$1,884,727 | | |
| Escalation = percent per month multiplied by (From Est. Date to mid-point of construction) = | | 20 | months | 0.04 | % per month | | | |
| General Bidgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 | | | • | 0.04 | 70 per monar | | | |
| Octions 1995; 4-17 11105 - 470, 19-20 11105 - 10-70, 200 | 11103 - 11270, 00 47 1103 | 10 10, 10 00 1100 | 1070 | | | | | |
| Health Bidgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 n | nos = .26%; 18-23 mos = .29 | 9%; 24-35 mos = .3 | 3%; 36-47 mos = .36 | 5%; 48-60 mos = | .38% | | | |
| ESCALATION COST INCREASE (Total of E | Estimated Costs x Esc a | alation %) | | | | \$15,078 | | |
| TOTAL ESTIMATED PROJECT COSTS | (Estimated Costs + Esca | alation Cost Increa | se) | | | \$1,899,805 | | |
| 11-0 | 1 | | | | l | | | |
| APPROVED BY: (Governing Board or Agen | cy Head) | - | Director of Facilities | es Planning and | <u>Design</u> | 10/27/14 | | |
| | | | | | | | | |

| Instit | ution: | The Univ | versity of N | North Carolin | a at Chapel I | Hill | | Planning F | | |
|-------------------|---|--|----------------------------------|---|--|------------------------------|------------|--------------------------|------------------|-----|
| Incre | ase in Authorizati | on from: \$ | 5 O t | o \$1.076.700 |) | | Ne | w Capital P | roject*: _ | X |
| | | on 11 on 11 4 | <u> </u> | φ1,070,700 | <u>-</u> | | | | | |
| Proje | ct Title: Structura | ıl Repairs - | - Knapp Sa | anders and A | bernethy Hal | 1 | | | | |
| Proje | ct Cost: \$1,076,7 | 700 | | | | | | | | |
| Sourc | ce of Funds: <u>F&A</u> | Funds | | | | | | | | |
| | is project has prevority is carried. Co | | | | ority, please | identify co | de/item nu | mber under | which th | ıat |
| For e | each advance pla | nning proj | ject or cap | oital constru | ction projec | t, please pr | ovide the | following: | | |
| 1. F | Provide detailed de | escription a | and justific | ation: | | | | | | |
| | Chapel Hill is coi | | | | | | | is include re | e-sealing | the |
| 3. A | An estimate of acq Answer for capita See attached C An estimated scheo onstruction only): | l construct OC-25 form dule of cas | ion only ar ı. | nd include a c | completed O | C-25 form) | Č | | | |
| TPC | | | | | | | | | | |
| \$ | 1,076,700 | | | | | | | | | |
| D. C. | 1 - C. | 20 2014 15 | Cash Flow 3Q 2014-15 | Estimate for Tota | | 20 2015 16 | 20 2015 16 | 40 2015 16 | Charle | _ |
| By Enc | ted Expenditure | _ | \$ 96,903 | | 1Q 2015-16 \$ 161,505 | 2Q 2015-16 \$ 161,505 | \$ 247,641 | 4Q 2015-16 \$ 215,340 | Check \$ 1,076,7 | 00 |
| 5. A c n n 6. A (| An estimated scheo Begin design: An estimate of mai overing the first fina An estimate of revo Answer for capita | December intenance a ive years o | 2014; Corund operation operation | nplete construing costs and (Answer for | uction June 2 source of fur r capital cons | nding to sup struction on | ly): | | | |
| | | | | | | | | | | |

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

Form OC-25 (Rev 09/14)

| DEPAR | RTMENT and DIVISION: | UNC Chapel Hill | | | | | 10/27/2014 | | |
|-----------|--|-------------------------------|--------------------|----------------------|-------------------|--|-------------------|--|-------------|
| PROJE | PROJECT IDENTIFICATION: Structural Repairs, Knapp-Sanders and Abernethy Hall | | | | | | | | |
| PROJE | CT CITY or LOCATION: | Chapel Hill | | | | | | | |
| PROJE | CT DESCRIPTION & JUSTIFICAT | ION: (Attach add'i data as i | necessary to indic | ate need, size, fun | ction of improve | ements as w | eli as a master i | plan.) | |
| | oject will address the existing maso | | | | | | | | ood |
| • | s in Abernethy Hall with energy effi | | noionoioo at ra | app cando (| | | (· · · | ,g | |
| VIIIGOT | to in Aboutouty Fich With onorgy on | OJOTIC GITTO | | | | | | | |
| (Definiti | ons/explanations are provided on pg 2 | to assist in completion of | this form.) | | | | | | |
| • | ENT ESTIMATED CONSTRUCTION | | 2.1.2 (2.1.1.) | QTY | UNIT | COST | PER UNIT | ТО | TAL |
| A. | Land Requirement | | | | | | | | \$0 |
| л В. | Site Preparation | | | | 1 | ŧ | | | |
| ٥. | 1. Demolition | | | | | | | ***** | \$0 |
| | 2. Site Work | | | | | | | | \$0 |
| C. | Construction | | | | | I | | | |
| 0. | | | | | T | I | | | \$0 |
| | • | 2001 | | | | | | | \$0 |
| | Building Construction (new sp Building Construction (existing | • | | 131,941.00 | Sa Ft | \$ | 3.65 | | \$482,000 |
| | - |)) | | 101,041.00 | 104.14 | | 0.00 | | .\$0 |
| | 4. Plumbing (new space) | | | | | | | | \$0 |
| | 5. HVAC (new space) | - Otralia) | | | | | | | \$0 |
| | 6. Electrical (Includes TV & Radi | - | | | - | <u> </u> | | | \$0 |
| | 7. Fire Supression and Alarm Sy | stems | | | | | | | \$0 |
| | 8. Telephone, Data, Video | _ | | 1 | Lump Sum | \$ | 100,000.00 | | \$100,000 |
| | Associated Construction Cost | | | | Windows | \$ | 3,000.00 | | \$345,000 |
| _ | _ | ement Windows | | 110 | AMUGOMS | <u> </u> | 3,000.00 | | \$345,000 |
| D. | Equipment | | | | 1 | _ | | | \$0 |
| | 1. Fixed | | | | | | | | \$0 \$0 |
| | 2. Moveable | | | | | | | | \$927,000 |
| | IATED CONSTRUCTION COSTS | | | | | | | | \$921,000 |
| items b | elow may be calculated by percentage o | r lump sum. If using lump | sum, make entr | y in \$ field. | | | | | |
| | | | | | | | , | | 602 4201 |
| DESIG | | 9 % | • | ed Construction (| • | | , | | \$83,430 |
| | ONSTRUCTION COSTS | 0 % | • | ed Construction (| - | |) | | \$0 \$0 |
| | IISSIONING | 0 % | • | 1.0% moderate; | 1.5% complex | () | | | |
| | AL INSPECTIONS/MATERIALS | 1.3 % | (1.25% estima | - | | | | | \$12,051 |
| SUSTA | AINABILITY | 0 % | (3% LEED Go | old, 2% LEED Silv | ver) | | | | \$0 |
| | | | Includes prog | ramming, feasibil | ity, analysis | | | | |
| ADVA | NCE PLANNING | 0 % | (% of Estimate | ed Construction (| Costs) | | ļ | | \$0 |
| CONT | INGENCIES | 5 % | (% of Estimate | ed Construction (| Costs I3% Nev | vor 5% R& | RI) | | \$46,350 |
| | | | • | | | | <i>''</i> | | \$1,068,831 |
| | • | Construction Costs + Con | itingencies + De | sign ree) | | | Į. | | \$1,000,001 |
| | tion = percent per month multiplied | | 4.0 | montho | 0.04 | % per mo | nth | | |
| | Est. Date to mid-point of construction) | | 18 | | 0.04 | · 70 bei inc | 11161 | | |
| | Bidgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-; | | | | | | | | |
| Health Bl | ldgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 | 7 mos = .26%; 18-23 mos = .29 | %; 24-35 mos = .33 | %; 36-47 mos = .369 | %; 48-60 mos = .: | 38% | | | |
| ESCAL | ATION COST INCREASE (Total of | f Estimated Costs x Esc | alation %) | | | | | | \$7,696 |
| TAT: | . FOTHERTED BBO IFOT COOT | 0 | and the second | \ | | | r | | \$1,076,527 |
| IUIA | L ESTIMATED PROJECT COST | S (Estimated Costs + Es | calation Cost Incr | ease) | | | ļ | and daniel build an annual filters and a | Ψ1,V1V,V41 |
| APPRO | OVED BY SALES | noney Head\ | <u></u> | Director of Faciliti | ies Planning and | d Design | | 10/27/14 | |

| Institution: | The Uni | versity of N | North Carolin | na at Chapel l | Hill | | Planning R | |
|--|---------------|------------------|--------------------------------|---------------------------------|--------------------|--------------|--------------|-----------------|
| Increase in Authoriza | ation from: | \$_ <u>0</u> t | o <u>\$</u> 1,500,000 |) | | Nev | w Capital Pi | roject*: x |
| Project Title: <u>Univer</u> | sity Master I | Plan | | | | | | |
| Project Cost: \$1,500 | 0,000 | | | | | | | |
| Source of Funds: F& | A Funds | | | | | | | |
| *If this project has prauthority is carried. | | | | nority, please | identify co | ode/item nu | mber under | which that |
| For each advance p | anning pro | ject or cap | ital constru | ction projec | t, please p | rovide the | following: | |
| Provide detailed | description | and justific | ation: | | | | | |
| UNC Chapel Hill is oplans for all Universi Chapel Hill campus t | ty properties | s. The mast | | | | | | |
| 2. An estimate of a (Answer for capital) | | | | | | | cy and other | r related costs |
| See attached | OC-25 form | ı. | | _ | | | | |
| 3. An estimated sch construction only | | h flow requ | uirements ov | er the life of | the project | by FY qua | rters (Answ | er for capital |
| TPC | 15-Jun | | | | | | | |
| \$ 1,500,00 | 0 | | | | - | | | |
| By End of: | 40 2014 15 | Ca 1Q 2015-16 | sh Flow Estimate 2Q 2015-16 | for Total Project 3Q 2015-16 | Cost 4Q 2015-16 | 1Q 2016-17 | 20 2016 17 | check |
| Expected Expenditure | \$ - | \$ 75,000 | | - | | | | \$ 1,500,000 |
| · · | r plan desigi | n: June 201 | 5; Completic | on date: Dece | | | | |
| An estimate of n covering the first | | | | | | | costs, inclu | ding personnel, |
| n/a | | | | | | | | |
| 6. An estimate of re (Answer for cap) | | | o be derived | from the pro | ject, coveri | ng the first | five years o | of operation |
| n/a | | | | | | | | |

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

Form OC-25 (Rev 09/14)

| DEPARTMENT and DIVISION: | | | UNC Chapel Hill | UNC Chapel Hill 10 | | | | 10/27/20 | 0/27/2014 | |
|--------------------------|---------------------------|------------------------|---------------------------------|--|---|----------------------|--------------------------|--------------------------|---------------------------------------|---|
| PROJECT IDENTIFICATION: | | | University Master | r Pla | ın | | | • | | |
| | JECT CITY or | | Chapel Hill | | | | | | | · |
| | | | CATION: (Attach add'i data a | · BO | roccany to Indicate | nood eizo functi | on of improvem | ante ae wail ae a maelai | r nlan \ | |
| Dovo | lon a Universi | ty Maeter Plan inte | grating the campus' strate | onic onic | nlan for Sustai | nahility to incl | ude all Inive | reity properties. Th | ne Master Plan | will focus on |
| | | | rces, infrastructure includ | | | | | | | |
| | | | | | | | | | | ine high will |
| | | | unities as well as incorpo | | | Chapei Hill 20 | izo and the i | TA LIGHT Rail Plan. | | , |
| | | | g 2 to assist in completion o | or unis | s torm.) | | lerenga y ere | Linamatiatiani | - 13 13 13 13 14 | a-manarararararararararararararararararara |
| | | ATED CONSTRUC | HON COST | | | QTY | 100 .0N 0000 | COST PER UNI | <u>Transmissis</u> | OTAL |
| Α. | Land Requ | | | | L | | | | | \$0 |
| B. | Site Prepar | | | | t- | | | ı | | 401 |
| | Demol | | | | 1 | | | | <u> </u> | \$0 |
| | Site Wo | | | | L | | | | | \$0 |
| C. | Construction | n | | | : - | | | • | · · · · · · · · · · · · · · · · · · · | |
| | 1. Utility S | Services | | | L | | | | | \$0 |
| | 2. Buildin | g Construction (nev | v space) | | | | | | | \$0 |
| | Buildin | g Construction (exi | sting) | | | | | | | \$0 |
| | 4. Plumbi | ing (new space) | | | | | | | | \$0 |
| | | (new space) | | | Γ | | | | ŀ | . \$0 |
| | 6. Electric | cal (Includes TV & I | Radio Studio) | | Γ | , | | | | \$0 |
| | 7. Fire Su | upression and Alarr | n Systems | | | | | | | \$0 |
| | | one, Data, Video | • | | | | | | | \$0 |
| | | ated Construction (| Costs | | | | | | | \$0 |
| | | | veys, printing and | | Ī | | | | | |
| | 10. Other | | oduction and other costs | ; | | |] | | | \$100,000 |
| D. | Equipment | | | _ | | | 1 | | L | |
| | 1. Fixed | | | | Γ | | | | | \$0 |
| | 2. Movea | hle | | | | | | | | \$0 |
| ECTI | | NSTRUCTION CO | 272 | | L | | | | | \$100,000 |
| | | | | | a maka aniasia t | field | | | | - +100,000 |
| items i | below may be ca | alculated by percentag | e or lump sum. If using lump | Sun | i, make entry in \$ | neia. | | | | |
| DECL | ONFEE | | 0/ | <i>I</i> . | 101 of Catimatad | Construction C | coto) | • | | \$1,400,000 |
| | GN FEE | 1011 00070 | | % (% of Estimated Construction Costs) | | | | | | |
| | CONSTRUCT | | | % (% of Estimated Construction Costs [1% for CM@Risk]) | | | | | | \$0 60 |
| | MISSIONING | | | % (0.5% simple; 1.0% moderate; 1.5% complex) | | | | | \$0 | |
| SPEC | CIAL INSPEC | TIONS/MATERIALS | | % (1.25% estimated) | | | | | \$0 | |
| SUST | rainability | | % | % (3% LEED Gold, 2% LEED Silver) | | | | \$0 | | |
| | | | | Includes programming, feasibility, analysis | | | | | | |
| ADV <i>A</i> | NCE PLANN | IING | % | 6 | (% of Estimated | Construction Co | osts) | | | \$0 |
| CONT | TIMOTMOTO | | 9/ | <i>(</i> _ | (% of Estimated Construction Costs [3% New or 5% R&R]) | | | | \$0 | |
| COM | TINGENCIES | | | U | (% OI ESUIHATEO | Construction G | osis fow Mem | or 5% Nanj) | | |
| | | | | | | | | | | 64 500 000 |
| | MATED COS | * | ted Construction Costs + Co | ontine | gencies + Design | Fee) | | | | \$1,500,000 |
| | • | • | ied by number of months | | | | | | | |
| (From | Est. Date to r | nid-point of construc | tion) = | | | months | | % per month | | |
| Genera | l Bidgs: 0-17 mos | = 0%; 18-23 mos = .04% | ; 24-35 mos = .12%; 36-47 mos : | = .16 | %; 48-60 mos = .18 | % | | | | |
| | | | | | | | | | | |
| | | | 12-17 mos = .26%; 18-23 mos = | | | 6; 36-47 mos = .36 | 6%; 48-60 mos = | .38% | | |
| ESC/ | ALATION COS | ST INCREASE (To | tal of Estimated Costs x Es | scal | ation %) | | | | <u></u> | \$0 |
| TOT | AI MOTILLAT | ED DDG IEGT GG | ACTO WWW. LO. | | | | | | | \$1,500,000 |
| 101/ | AL ESTIMAT | ED PROJECT CC | STS (Estimated Costs + E | scal | ation Cost Increase | 1) | | | 7. amanamana | الاس المرادة |
| | | 110-1 | 1 | | | | 5 1 | n : | * * * * * * * | |
| APPF | ROVED BY: / | // XV | / * | | Ī | irector of Facilitie | s Planning and | <u>Design</u> | <u>10/27/14</u> | |
| | // | Governing Board | or Agency Head) | | | | | | | |
| | | • | | | | | | | | |

| Inst | titution: The University of North Carolina at Chapel Hill Advance Planning Request New Capital Project*: x | | | | | | | | | |
|-------------|---|--|--|--|--|--|--|--|--|--|
| Inc | Increase in Authorization from: \$_0 to \$2,458,375 | | | | | | | | | |
| Pro | Project Title: Repairs Schl of Dentistry, Davis Lib, Lineberger, & Morehead Repairs to Electrical, Plumbing & Heating, Ventilating & Air-Conditioning Systems - 2014 R&R | | | | | | | | | |
| Pro | ject Cost: \$2,458,375 | | | | | | | | | |
| Sou | arce of Funds: F&A Funds | | | | | | | | | |
| | this project has previously had advance planning authority, please identify code/item number under which that hority is carried. Code Item | | | | | | | | | |
| For | r each advance planning project or capital construction project, please provide the following: | | | | | | | | | |
| 1. | Provide detailed description and justification: | | | | | | | | | |
| repl Lib | IC Chapel Hill is committing F&A funds to address needed HVAC repairs and renovations. Plans include lacing the vacuum system at the School of Dentistry buildings, replacing the HVAC spray coils at the Davis orary, and addressing the HVAC deficiencies at the Lineberger Cancer Center and Morehead Chemistry Laboratory. | | | | | | | | | |
| 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): | | | | | | | | | |
| TPC | 2,458,375 | | | | | | | | | |
| | Cash Flow Estimate for Total Project Cost nd of: | | | | | | | | | |
| | ected Expenditure \$ 122,919 \$ 122,919 \$ 122,919 \$ 122,919 \$ 307,297 \$ 307,297 \$ 307,297 \$ 245,838 \$ 245,83 | | | | | | | | | |
| 4. | An estimated schedule for the completion of the project: | | | | | | | | | |
| | Begin design: November 2014; Complete construction May 2016 | | | | | | | | | |
| 5. | 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. | 6. An estimate of revenues, if any, likely to be derived from the project, covering the first five years of operation (Answer for capital construction only): | | | | | | | | | |
| | n/a | | | | | | | | | |
| 7. | An explanation of the means of financing: F&A Funds | | | | | | | | | |

Form OC-25 (Rev 09/14)

| DEPARTMENT and DIVISION: | UNC Chapel Hill Repairs to electrical, plumbing and HVAC, School of Dentistry, Davis Library, Lineberger Cancer Center and | | | | | |
|---|---|---------------------|---------------------------------------|----------------------------|------------------------|---|
| PROJECT IDENTIFICATION: | Repairs to electrical Morehead Chemistr | | HVAC, School | of Dentistry, | Davis Library, Lineber | ger Cancer Center and |
| PROJECT CITY or LOCATION: | Chapel Hill | y Laboratory | | | | |
| PROJECT DESCRIPTION & JUSTIFICATION | necessary to indic | ate need size fun | ction of improve | ements as well as a master | nlan.) | |
| This project will replace the vacuum system | | | | | | THE PERSON NAMED IN COLUMN 1 |
| deficiencies at Lineberger Cancer Center an | | | opiado dio rivi | to opiaj com | acuto Batto Biblary a | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
| | | | | | | |
| (Definitions/explanations are provided on pg 2 to CURRENT ESTIMATED CONSTRUCTION | | this form.) | QTY | UNIT | COST PER UNIT | TOTAL |
| A. Land Requirement | 0001 | | 301 | 0/111 | OCCITE NOM! | \$0 |
| B. Site Preparation | | | | | | > |
| Demolition | | | | | | \$0 |
| 2. Site Work | | | | | | \$0 |
| C. Construction | | | | | | |
| Utility Services | | | | | | \$0 60 |
| 2. Building Construction (new space | ce) | | 714,924.00 | Ca Et | \$ 2.68 | \$0 \$1,918,711 |
| 3. Building Construction (existing)4. Plumbing (new space) | | | 114,324.00 | 104. 1 t. | 2.00 | \$1,310,711 |
| 5. HVAC (new space) | | | , | | | \$0 |
| 6. Electrical (Includes TV & Radio | Studio) | | | | | \$0 |
| 7. Fire Supression and Alarm Syst | | | | | | \$0 |
| 8. Telephone, Data, Video | | | | | | \$0 |
| Associated Construction Costs | | | 1 | Lump Sum | \$ 180,000.00 | \$180,000 |
| 10. Other: | | _ | | | | \$0 |
| D. Equipment 1. Fixed | | | <u> </u> | Lump sum | | \$0 |
| 2. Moveable | | | | Lump Sum | | \$0 |
| ESTIMATED CONSTRUCTION COSTS | | | | | | \$2,098,711 |
| Items below may be calculated by percentage or | lump sum. If using lump | sum, make entry | in \$ field. | | | |
| DESIGN FEE | 9 % | /% of Estimate | ed Construction C | ?nete) | | \$188,884 |
| PRECONSTRUCTION COSTS | 0 % | • | ed Construction C | , | CM@Riskl) | \$0 |
| COMMISSIONING | 1 % | (0.5% simple; | \$20,987 | | | |
| SPECIAL INSPECTIONS/MATERIALS | 1.3 % | (1.25% estima | \$27,283 | | | |
| SUSTAINABILITY | 0 % | (3% LEED Gol | \$0 | | | |
| ADVANCE PLANNING | 0 % | | amming, feasibili d Construction C | | | \$0 |
| CONTINGENCIES | 5 % | • | ed Construction C | • | or 5% R&R1) | \$104,936 |
| - | onstruction Costs + Con | • | | • | • • | \$2,440,801 |
| Escalation = percent per month multiplied by | | angonolog , Doc | ngiri coj | | | , , , , , , , , , , , , , , , , , , , |
| (From Est. Date to mid-point of construction) = General Bidgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 | | 18 | _ | 0.04 | % per month | |
| Health Bidgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 n | | | | %: &8_60 moe = 5 | 88% | |
| ESCALATION COST INCREASE (Total of | | | 70, 00-47 mas007 | o, 10 00 1100 | | \$17,574 |
| TOTAL ESTIMATED PROJECT COSTS | / (Estimated Costs + Es | calation Cost Incre | ase) | | | \$2,458,375 |
| APPROVED BY: | | - | Director of Faciliti | es Planning and | l Design | 10/27/14 |

| Institution: | | University of | f North Carolina at | | Advance Planning Request: | | | | | |
|--------------|--|----------------------------------|--|--------------------------------------|---|--|--|--|--|--|
| | crease in Authorization of the Control of the Contr | | | | New | Capital Project*: X | | | | |
| Pro | oject Cost: \$4,000,0 | 00 | | | | | | | | |
| So | urce of Funds: Instit | utional Trust | Funds | | | | | | | |
| | this project has prevenently is carried. Co | | | hority, please ide | ntify code/item nur | nber under which that | | | | |
| Fo | r each advance plai | nning project | or capital constru | iction project, pl | ease provide the f | ollowing: | | | | |
| 1. | A detailed project | description an | d justification: | | | | | | | |
| | the counseling fund so, counseling requ | ction is house aires a new lo | g Center will provid in the Atkins Libration. A new build tegrating in one are | ary. Both library ing adjacent the e | and counseling fun existing Student He | ctions need to expand alth Center will | | | | |
| | | | ning, design, site de only and include a | | | ey and other related costs | | | | |
| 2. | An estimated schedule of cash flow requirements over the life of the project by FY quarters (Answer for capital construction only): | | | | | | | | | |
| | FY15 QTR 2 | \$43,300 | FY15 QTR 3 | \$43,300 | FY15 QTR 4 | \$43,300 | | | | |
| | FY16 QTR 1 | \$506,250 | FY16 QTR 2 | \$506,250 | FY16 QTR 3 | \$506,250 | | | | |
| | FY16 QTR 4 | \$506,250 | FY17 QTR 1 | \$805,000 | FY17 QTR 2 | \$805,000 | | | | |
| 3. | An estimated sched | dule for the co | empletion of the pro | ject: | | | | | | |
| | Design Start | 6/1 | 1/2015 | Construction | Start 1/1/20 | 1/1/2016 | | | | |
| | Construction Comp | plete 1/1 | 1/2017 | Occupy | 1/31/2 | 017 | | | | |
| 4. | | | | | | | | | | |
| | Fiscal Year 2018 | \$ 2 | 202,580 | Fiscal Year 2 | 2021 | \$ 164,778 | | | | |
| | Fiscal Year 2019 | \$ 2 | 164,778 | Fiscal Year 2 | 2022 | \$ 164,778 | | | | |
| | Fiscal Year 2020 | \$ 1 | 64,778 | | | | | | | |
| 5. | An estimate of revo (Answer for capital | | | from the project, | covering the first | five years of operation | | | | |
| | N/A | | | | | | | | | |

6. An explanation of the means of financing: Institutional Trust Funds – cash on hand.



North Carolina Department of Administration

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

OC-25: 201360500531
Proposed Capital Improvement Project
Biennium: 2011-2013

STATE DEPARTMENT:

Educational Institutions (Universities)

INSTITUTION OR AGENCY:

UNC Charlotte

PROJECT IDENTIFICATION:

Student Counseling Center

PROJECT TYPE:

Multi-purpose Bldg.

CLASSIFICATION:

New Facilities

PROJECT DESCRIPTION AND JUSTIFICATION: The proposed Student Counseling Center will provide clinical and wellness services to students. Currently, the counseling function is housed in the Atkins Library. Both library and counseling functions need to expand so, counseling requires a new location. A new building adjacent the existing Student Health Center will provide for needed expansion, integrating in one area counseling, student health, and wellness services.

| ITEM | QTY | <u>UNIT</u> | COST PER UNIT | TOTAL |
|-----------------------|---------|-------------|---------------|--------------|
| Project Support | 1.0 | Lump Sum | \$10,000 | \$10,000 |
| Site Demolition | 13000.0 | Square Feet | \$2 | \$26,000 |
| Site Work | 13000.0 | Square Feet | \$10 | \$130,000 |
| Utility Services | 10800.0 | Square Feet | \$15 | \$162,000 |
| Building Demolition | 10000.0 | Square Feet | \$8 | \$80,000 |
| Building Construction | 10800.0 | Square Feet | \$150 | \$1,620,000 |
| Building Plumbing | 10800.0 | Square Feet | \$30 | \$324,000 |
| Building HVAC | 10800.0 | Square Feet | \$30 | \$324,000 |
| Building Electrical | 10800.0 | Square Feet | \$30 | \$324,000 |
| Landscaping | 13000.0 | Square Feet | \$15 | \$195,000 |
| Telecommunications | 10800.0 | Square Feet | \$18.80 | \$203,039.98 |
| Fenced Compound | 1.0 | Lump Sum | \$12,000 | \$12,000 |
| Fixed Equipment | 1.0 | Lump Sum | \$20,000 | \$20,000 |
| Movable Equipment | 1.0 | Lump Sum | \$45,000 | \$45,000 |

ESTIMATED CONSTRUCTION COST:

\$3,475,040

| ESTIMATED COSTS | ESTIMATED COSTS (Fedimeted Construction Costs + Contingencies + Design Fee) | | | |
|-------------------|---|--|-----------|--|
| FIXED OWNER COSTS | | | \$0 | |
| ADVANCE PLANNING | 0.75% | (includes programming, feasibility, analysis) | \$26,844 | |
| COMMISSIONING FEE | 1% | (0.5% simple, 1% moderate, 1.5% complex) | \$35,792 | |
| DESIGN FEE | 10% | (% of Estimated Construction Costs + Contingencies) | \$357,929 | |
| CONTINGENCIES | 3% | (% of Estimated Construction Costs [3% New or 5% R&R]) | \$104,251 | |

ESTIMATED COSTS

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

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

\$0

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

\$4,000,000

COMMENTS:

- 1. [2014-11-07 13:45:12] Laurie Mande Save
- 2. [2014-11-07 13:42:53] Laurie Mande Save
- 3. [2014-11-07 13:32:04] Laurie Mande Save
- 4. [2014-11-07 10:56:27] Laurie Mande Save
- 5. [2014-11-07 10:29:15] Laurie Mande Copied from: Motorsports Building II

| Institution: | | University of | f North Carolina at | | Advance Planning Request: | | | | | |
|--------------|--|---|--|------------------------------------|--|--|--|--|--|--|
| | crease in Authoriza | | to \$ | _ | New | Capital Project*: X | | | | |
| Pro | oject Cost: \$498,0 | 00 | | | | | | | | |
| So | urce of Funds: Ins | titutional Trust | Funds | | | | | | | |
| | this project has puthority is carried. | • | | hority, please ide | entify code/item num | nber under which that | | | | |
| Fo | r each advance p | lanning project | or capital constru | iction project, p | olease provide the f | ollowing: | | | | |
| 1. | A detailed project | et description and | d justification: | | | | | | | |
| | Lane which is a includes roadwa | n main entry way y and pedestrian acement. The wo | ay for students an n walkway improv | d service vehicl ements, ADA ir | es into the core of nprovements, parking | ves safety on Library campus. The project ng improvements, and ng and retaining walls | | | | |
| | | | ing, design, site de | | | y and other related costs | | | | |
| 2. | | An estimated schedule of cash flow requirements over the life of the project by FY quarters (Answer for capital construction only): | | | | | | | | |
| | FY15 QTR 2 | \$49,800 | FY15 QTR 3 | \$224,100 | FY15 QTR 4 | \$224,100 | | | | |
| 3. | An estimated schedule for the completion of the project: | | | | | | | | | |
| | Design Start | 12/ | /01/14 Con | struction Start | 03/01/15 | | | | | |
| | Construction Con | mplete 06/ | /30/15 Occi | ару | N/A | | | | | |
| 4. | | | operating costs and peration (Answer fo | | | costs, including personnel, | | | | |
| 5. | An estimate of re (Answer for capi N/A | | | from the project | t, covering the first f | rive years of operation | | | | |
| 6. | An explanation of | of the means of f | inancing: | | | | | | | |
| | Institutional Trus | Institutional Trust Funds cash on hand | | | | | | | | |



North Carolina Department of Administration

Pat McCrory, Governor Bill Daughtridge, Jr., Secretary

State Construction Office Gregory A. Driver, PE, Director

OC-25: 201360500532
Proposed Capital Improvement Project
Blennium: 2011-2013

STATE DEPARTMENT:

Educational Institutions (Universities)

INSTITUTION OR AGENCY:

UNC Charlotte

PROJECT IDENTIFICATION:

North Library Lane Improvements

PROJECT TYPE:

ADA Renovations

CLASSIFICATION:

Other

PROJECT DESCRIPTION AND JUSTIFICATION: This project improves accessibility, reduces pedestrian-vehicular conflict and improves safety on Library Lane which is a main entry way for students and service vehicles into the core of campus. The project includes roadway and pedestrian walkway improvements, ADA improvements, parking improvements, and storm drain replacement. The work incorporates brick and asphalt repaving, new planting and retaining walls and new hand rails.

| <u>ITEM</u> | QTY | UNIT | COST PER UNIT | TOTAL |
|--------------------------------------|-----|----------|---------------|-----------|
| 11. Project Support | 1.0 | Lump Sum | \$3,000 | \$3,000 |
| 2. Site Work | 1.0 | Lump Sum | \$370,900 | \$370,900 |
| 2. Building Construction (new space) | 1.0 | Lump Sum | \$5,000 | \$5,000 |
| 9. Associated Construction Costs | 1.0 | Lump Sum | \$50,410 | \$50,410 |
| ESTIMATED CONSTRUCTION COST: | | | | \$429,310 |

| WorkflowStep for Proposed | Capital Improvement Project OC-25: 20136050 | 0532 |
|---------------------------|---|------|
|---------------------------|---|------|

Page - 2

| | (% of Estimated Costs - includes programming, feasibility, analysis) (% of Estimated Costs [3% New or 5% R&R]) | \$4,293 \$21,465 |
|-----|---|--|
| 1% | (% of Estimated Costs - includes programming, feasibility, analysis) | \$4,293 |
| | | |
| 0% | (3% LEED Gold, 2% LEED Silver) | \$0 |
| 0% | (1.25% Estimated) | \$0 |
| 0% | (0.5% simple, 1% moderate, 1.5% complex) | \$0 |
| 0% | (% of Estimated Construction Costs [1% for CM@Risk]) | \$0 |
| 10% | (% of Estimated Construction Costs) | \$42,931 |
| | 0% 0% 0% 0% | 0% (% of Estimated Construction Costs [1% for CM@Risk]) 0% (0.5% simple, 1% moderate, 1.5% complex) 0% (1.25% Estimated) 0% (3% LEED Gold, 2% LEED Silver) |

Escalation %= percent per month multiplied by the number of months: (From Est, Date to mid-point of construction) = $\underline{18}$ months @ $\underline{0.00\%}$

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

7 NOV 14

\$0

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

\$498,000

COMMENTS:

- 1. [2014-11-07 14:20:29] Laurie Mande Save
- 2. [2014-11-07 14:07:59] Laurie Mande Save
- 3. [2014-11-07 13:57:57] Laurie Mande Copied from: South Entrance Intersection Improvements

| Ins | stitution: | University of | North Carolina at C | | Advance Planning Request: | | | |
|-----|---|------------------|--|-----------------------|---------------------------|--|--|--|
| | crease in Authorizati | | | - | New | Capital Project*: X | | |
| | pject Cost: \$500,000 | | | | | | | |
| | urce of Funds: Instit | | | | | | | |
| | | | | | | | | |
| | this project has pre- thority is carried. Co | | | ority, please identif | y code/item nun | nber under which that | | |
| Fo | r each advance pla | nning project (| or capital construc | tion project, pleas | se provide the f | ollowing: | | |
| 1. | A detailed project | description and | justification: | | | | | |
| | Emergency genera | ator is required | to insure business | | | nology Services (ITS) reen wall around the | | |
| | | | ng, design, site deve only and include a co | | | y and other related costs | | |
| 2. | An estimated schedule of cash flow requirements over the life of the project by FY quarters (Answer for capital construction only): | | | | | | | |
| | FY15 QTR 2 | \$50,000 | FY15 QTR 3 | \$225,000 | FY15 QTR 4 | \$225,000 | | |
| 3. | An estimated sche | dule for the con | apletion of the proje | ect: | | | | |
| | Design Start | 11/0 | 01/14 | Construction Sta | ort 03/01/ | 15 | | |
| | Construction Com | plete 06/3 | 30/15 | Occupy | N/A | | | |
| 4. | | | perating costs and seration (Answer for | | | costs, including personnel, | | |
| 5. | An estimate of rev (Answer for capita N/A | | | rom the project, co | vering the first f | ïve years of operation | | |
| 6. | An explanation of | the means of fir | nancing: | | | | | |
| | Institutional Trust | | • | | | | | |



North Carolina Department of Administration

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

OC-25: 201360500530
Proposed Capital Improvement Project
Biennium: 2011-2013

STATE DEPARTMENT:

Educational Institutions (Universities)

INSTITUTION OR AGENCY:

UNC Charlotte

PROJECT IDENTIFICATION:

Kennedy Emergency Generator

PROJECT TYPE:

Electrical

CLASSIFICATION:

Deferred/Preventive Maintenance

PROJECT DESCRIPTION AND JUSTIFICATION: Emergency generator is required to insure business continuity for Information Technology Services (ITS) operations in this building. Project includes associated site improvements and a screen wall around the generator.

| ESTIMATED CONSTRUCTION COST: | | • | | \$438,598 |
|--------------------------------------|-----|-------------|---------------|-----------|
| 6. Electrical | 1.0 | Lump Sum | \$360,598 | \$360,598 |
| 2. Building Construction (new space) | 1.0 | Lump Sum | \$50,000 | \$50,000 |
| 2. Site Work | 1.0 | Lump Sum | \$25,000 | \$25,000 |
| 11. Project Support | 1.0 | Lump Sum | \$3,000 | \$3,000 |
| <u>ITEM</u> | QTY | <u>UNIT</u> | COST PER UNIT | TOTAL |

| DESIGN FEE | 9% | (% of Estimated Construction Costs) | \$39,473 |
|-------------------------------|----|--|-----------|
| 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]) | \$21,929 |
| ESTIMATED COSTS | • | ed Construction Costs + Design Fee + Preconstruction + Commissioning | \$500,000 |

+ Special + Sustainability + Advance

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

COMMENTS:

- 1. [2014-11-07 09:36:48] Laurie Mande Save
- 2. [2014-11-07 09:27:07] Laurie Mande Save
- 3, [2014-11-07 09:22:04] Laurie Mande Save
- 4. [2014-11-07 09:21:42] Laurie Mande Save
- 5. [2014-11-07 09:14:23] Laurie Mande Save 6. [2014-11-07 09:11:01] Laurie Mande - Save
- 7. [2014-11-07 09:03:03] Laurie Mande Save
- 8. [2014-11-07 08:50:22] Laurie Mande Copied from: Campus Wide Emergency Generator Upgrades

| Inst | titution: | University of No | orth Carolina at C | Charlotte | | Planning Request: | |
|------|--|---------------------|--------------------|-----------------------|---------------------|----------------------------|--|
| | rease in Authorization ject Title: Outdoor l | | to \$ | - | New | Capital Project*: X | |
| Pro | ject Cost: \$1,200,00 | 00 | | | | | |
| Sou | arce of Funds: Institu | utional Trust Fun | ds | | | | |
| | this project has prev hority is carried. Co | | | ority, please identi | fy code/item num | nber under which that | |
| For | r each advance plan | ning project or | capital construc | tion project, plea | se provide the f | ollowing: | |
| 1. | A detailed project d | lescription and jus | stification: | | | | |
| | This project is to construct an 8,000 square foot pre-engineered steel pavilion and an adjacent toilet facility for university outdoor functions. The structures will be located in an open area along the pedestrian path from main campus to the football stadium. The area currently provides space for university outdoor events with rented event tents and temporary restrooms. It is more cost effective over the long term to build permanent structures than to continue to rent tents and temporary rest room facilities. The structures will be used throughout the year for student, faculty and staff events. | | | | | | |
| | An estimate of acqu (Answer for capital | | | | | y and other related costs | |
| 2. | An estimated sched construction only): | lule of cash flow 1 | requirements ove | r the life of the pro | oject by FY quar | ters (Answer for capital | |
| | FY15 QTR 2 | \$120,000 | FY15 QTR 3 | \$540,000 | FY15 QTR 4 | \$540,000 | |
| 3. | An estimated sched | lule for the compl | etion of the proje | ect: | | | |
| | Design Start | 11/1/20 | 014 | Construction Sta | art 4/1/20 | 15 | |
| | Construction Comp | olete 8/1/20 | 15 | Occupy | 8/31/20 | 015 | |
| 4. | An estimate of main covering the first first | | | | | costs, including personnel | |
| | Fiscal Year 2016 | \$81,26 | 1 | Fiscal Year 201 | 8 \$80,03 | 0 | |
| | Fiscal Year 2017 | \$80,03 | 0 | Fiscal Year 201 | 9 \$80,03 | 0 | |
| | Fiscal Year 2018 | \$80,03 | 0 | | | | |
| 5. | An estimate of reve (Answer for capital | | | rom the project, co | overing the first f | ive years of operation | |
| | N/A | | | | | | |
| 6. | An explanation of t | he means of finar | ncing: | | | | |

Institutional Trust Funds – cash on hand.



North Carolina Department of Administration

Pat McCrory, Governor Bill Daughtridge, Jr., Secretary

State Construction Office Gregory A. Driver, PE, Director

OC-25: 201360500533
Proposed Capital Improvement Project
Biennium: 2011-2013

STATE DEPARTMENT:

Educational Institutions (Universities)

INSTITUTION OR AGENCY:

UNC Charlotte

PROJECT IDENTIFICATION:

Outdoor Events Shelter

PROJECT TYPE:

Other

CLASSIFICATION:

New Facilities

PROJECT DESCRIPTION AND JUSTIFICATION: This project is to construct an 8,000 square foot pre-engineered steel pavilion and an adjacent toitet facility for university outdoor functions. The structures will be located in an open area along the pedestrian path from main campus to the football stadium. The area currently provides space for university outdoor events with rented event tents and temporary restrooms. It is more cost effective over the long term to build permanent structures than to continue to rent tents and temporary rest room facilities. The structures will be used throughout the year for student, faculty and staff events.

| <u>ITEM</u> | QTY | <u>UNIT</u> | COST PER UNIT | TOTAL |
|-----------------------|--------|-------------|----------------|-----------|
| Project Support | 1.0 | Lump Sum | \$5,000 | \$5,000 |
| Site Work | 8000.0 | Square Feet | \$12.80 | \$102,400 |
| Utility Services | 8000.0 | Square Feet | \$13 | \$104,000 |
| Building Construction | 8000.0 | Square Feet | \$ 45 | \$360,000 |
| Building Plumbing | 8000.0 | Square Feet | \$15 | \$120,000 |
| Building HVAC | 8000.0 | Square Feet | \$15 | \$120,000 |
| Building Electrical | 8000.0 | Square Feet | \$28 | \$224,000 |
| Landscaping | 1.0 | Lump Sum | \$9,003 | \$9,003 |
| Other | 1.0 | Lump Sum | \$485 | \$485 |
| Fixed Equipment | 8000.0 | Square Feet | \$1 | \$8,000 |

ESTIMATED CONSTRUCTION COST:

\$1,044,888

| WorkflowStep for Proposed Ca | Sapital Improvement Project | OC-25: 201360500533 |
|------------------------------|-----------------------------|---------------------|
|------------------------------|-----------------------------|---------------------|

Page - 2

| DESIGN FEE 10% (% of Estimated Construction Costs + Contingencies) \$107,62 COMMISSIONING FEE 0.5% (0.5% simple, 1% moderate, 1.5% complex) \$5,38 ADVANCE PLANNING 1% (includes programming, feasibility, analysis) \$10,76 | ESTIMATED COSTS | (Estimate | ed Construction Costs + Contingencies + Design Fee) | \$1,200,000 |
|--|-------------------|-----------|--|-------------|
| DESIGN FEE 10% (% of Estimated Construction Costs + Contingencies) \$107,62 COMMISSIONING FEE 0.5% (0.5% simple, 1% moderate, 1.5% complex) \$5,38 | FIXED OWNER COSTS | | | \$0 |
| DESIGN FEE 10% (% of Estimated Construction Costs + Contingencies) \$107,62 | ADVANCE PLANNING | 1% | (includes programming, feasibility, analysis) | \$10,762 |
| DECICION FOR THE PROPERTY OF T | COMMISSIONING FEE | 0.5% | (0.5% simple, 1% moderate, 1.5% complex) | \$5,381 |
| CONTINGENCIES 3% (% of Estimated Construction Costs [3% New or 5% R&R]) \$31,34 | DESIGN FEE | 10% | (% of Estimated Construction Costs + Contingencies) | \$107,623 |
| | CONTINGENCIES | 3% | (% of Estimated Construction Costs [3% New or 5% R&R]) | \$31,346 |

PHIL JONES

AVC , FM

Escalation %= percent per month multiplied by the number of months: (From Est, Date to mid-point of construction) = 12 months @ 0.00%

(From Est, Date to mid-point of construction) = 12 months @ 0.00%

UNC CHARLOTTE

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

\$0

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

\$1,200,000

COMMENTS:

- 1. [2014-11-07 15:22:16] Laurie Mande Save
- 2. [2014-11-07 15:19:20] Laurie Mande Save
- 3. [2014-11-07 14:36:42] Laurie Mande Copied from: Parking Deck J

| Institution: | East Carolina University | Advance Planning Request: X |
|-----------------------|--|---|
| | | New Capital Project*: |
| Increase in Authoriza | ation from: \$0 to \$250,000 | |
| Project Title: | Dowdy Ficklen Stadium Press Box Renova | tion and Expansion |
| | (ECU Priority #6 in the 2015-21 Non-Appr | opriated Capital Request) |
| Project Cost: | \$50,000,000 | |
| Source of Funds: | Athletics receipts and gifts | |
| | reviously had advance planning authority, please ic Code: 40536 Item: 311 | dentify 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:

This request is for program planning for an expansion of Dowdy Ficklen Stadium. Advance planning for this project was previously authorized and completed under Code 40536 Item 311. That project is now closed.

The scope of this request includes review and update of the previous study and development of a final program to include phasing and cost estimates for the project. Upon completion of this work a request may be made to proceed directly into project design.

The project scope will include renovation and expansion of press box facilities, development of academic support space for student athletes, development of a variety of seating and suite style options for fans, donors and alumni, create new support space for sports medicine, the Pirate Club, ticket office, kitchen and vending areas and create additional office space to accommodate departmental growth.

NOTE: An update for the proposed schedule listed below will be made at a later date based on the outcome of the Advance Planning study, final estimated project cost and development of the final financial proforma.

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

An OC-25 is included with this request.

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

Cash flow requirements will be developed as a part of the advance planning study.

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

Construction to begin January 15, 2017 and complete by July 31, 2018

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

Maintenance and operating costs will be developed as a part of the advance planning study.

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

Estimated revenues will be developed following completion of the advance planning study.

7. An explanation of the means of financing:

Athletics gifts and receipts

STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE

Form OC-25 (Rev 09/14)

DATE: 10/30/14

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

East Carolina University

DEPARTMENT and DIVISION:

| | tadium Press Box Expansion a | nd Renovation | ı | |
|---|--|------------------|---|---|
| PROJECT CITY or LOCATION: Greenville , NC | | | | |
| PROJECT DESCRIPTION & JUSTIFICATION: (Attach add'l data | | | | |
| This request is for program planning for an expansion | | | | project was |
| previously authorized and completed under Code 405. The scope of this request includes review and update | of the previous study and of | developmen | t of a final prograr | |
| phasing and cost estimates for the project. Upon com- | pletion of this work a reque | est may be r | nade to proceed di | rectly into project |
| design. | : | 41 | | |
| The project scope will include renovation and expansion student athletes, development of a variety of seating a | | | | |
| for sports medicine, the Pirate Club, ticket office, kit | | | | |
| | men and vending areas and | i create addi | monai office space | to accommodate |
| departmental growth. CURRENT ESTIMATED CONSTRUCTION COST | · · · OTY · · · | UNIT | COST PER UNIT | TOTAL |
| A. Land Requirement | | | | \$0 |
| B. Site Preparation | | | | |
| 1. Demolition | | ls | \$ 900,000.00 | \$900,000 |
| 2. Site Work | 1 | ls | \$ 2,700,000.00 | \$2,700,000 |
| C. Construction | | | | *0 |
| Utility Services | 107000 | | Φ 075.00 | \$0 |
| 2. Building Construction (new space) | 107000 | SĪ | \$ 275.00 | \$29,425,000 |
| 3. Building Construction (existing) | | | | \$0 |
| 4. Plumbing (new space) | | | | \$0 \$0 |
| 5. HVAC (new space) | | | | \$0 \$0 |
| Electrical (Includes TV & Radio Studio) Fire Supression and Alarm Systems | 107000 | cf | \$ 7.75 | \$829,250 |
| 7. Fire Supression and Alarm Systems8. Telephone, Data, Video | 107000 | | \$ 21.00 | \$2,247,000 |
| 9. Associated Construction Costs | 107000 | 31 | φ 21.00 | \$2,247,000 |
| 9. Associated Constituction Costs 10. Other: | | | | \$0 |
| D. Equipment | | | | ΨΟ |
| 1. Fixed | 1 | ls | \$ 950,000.00 | \$950,000 |
| 2. Moveable | | ls | \$ 997,952.00 | \$997,952 |
| ESTIMATED CONSTRUCTION COSTS | | | , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | \$38,049,202 |
| Items below may be calculated by percentage or lump sum. If using lum | o sum, make entry in \$ field. | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
| | • | | , | +0 /00 ==0 |
| | (% of Estimated Construction C | , | | \$3,690,773 |
| | (% of Estimated Construction C | | | \$380,492 |
| | (0.5% simple; 1.0% moderate; | 1.5% complex) | | \$380,492 \$475,415 |
| | (1.25% estimated) | | | \$475,615 \$0 |
| SUSTAINABILITY | 6 (3% LEED Gold, 2% LEED Silv | | | \$0 |
| ADVANCE PLANNING 0.65 S | Includes programming, feasibili (% of Estimated Construction C | | | \$247,320 |
| CONTINGENCIES 5 | (% of Estimated Construction C | Costs [3% New | or 5% R&R]) | \$1,902,460 |
| ESTIMATED COSTS (% of Estimated Construction Costs + 0 | Contingencies + Design Fee) | | | \$45,126,354 |
| Escalation = percent per month multiplied by number of months | ŭ , | | l | |
| (From Est. Date to mid-point of construction) = | 60 months | 0.18 | % per month | |
| General Bidgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 mos = .12%; 36-47 mos | = .16%; 48-60 mos = .18% | | | |
| Health Bldgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 mos = .26%; 18-23 mos | .29%; 24-35 mos = .33%; 36-47 mos = .3 | 36%; 48-60 mos = | .38% | |
| ESCALATION COST INCREASE (Total of Estimated Costs x E | scalation %) | | | \$4,873,646 |
| TOTAL ESTIMATED PROJECT COSTS (Estimated Costs + | Escalation Cost Increase) | | | \$50,000,000 |
| APPROVED BY: | TITLE | | | DATE |
| (Governing Board or Agency Head) | | | | |

| Inst | titution: NC | State University | Advance Planning Request: X |
|------|--|--|--|
| | | | New Capital Project*: |
| | | m: \$ to \$ | _ |
| Pro | ject Title: Harrelson Hall | Demolition | |
| Pro | ject Cost: AP Request \$2 | 270,000 (Total Project Budg | et \$3,508,000) |
| Sou | arce of Funds: Carry For | ward | |
| | this project has previously hority is carried. Code | | nority, please identify code/item number under which that |
| For | each advance planning | project or capital constru | ction project, please provide the following: |
| 1. | A detailed project descri | ption and justification: | |
| | asbestos abatement, build structure is composed of structure. The demolition | ding demolition and isolation and inner cast-in-place conc | I classroom building built in 1961. Project scope includes on, and termination or removal of major utilities. The building rete core and a surrounding precast/cast-in-place hybrid sideration vibration sensitive research in the vicinity. The uping and hardscape work. |
| 2. | An estimate of acquisition (a completed OC-25 form | | velopment, construction, contingency and other related costs |
| | See attached OC-25. | | |
| 3. | An estimated schedule o construction only): | f cash flow requirements ov | er the life of the project by FY quarters (Answer for capital |
| 4. | An estimated schedule for | or the completion of the pro | ject: |
| | Design Start: 12/8/14 Construction Start: 3/2/1 | Design Complete: 9/1 6 Construction Complet | |
| 5. | | | source of funding to support these costs, including personnel, r capital construction only): |
| 6. | An estimate of revenues, (Answer for capital cons | | from the project, covering the first five years of operation |
| 7. | An explanation of the mo | eans of financing: | |
| | Carry Forward funds from | m FY2014 to FY2015 | |

STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE

Form OC-25 (Rev 05/12)

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

| DEPARTMENT and DIVISION: | North Carolina State University | | | | DATE: | 10/13/14 |
|---|---|--|---------------|------------|---------------------|-------------------------|
| PROJECT IDENTIFICATION: | Harrelson Hall Demolition | | | | | |
| PROJECT CITY or LOCATION: | Raleigh - North Campus | | | | | |
| PROJECT DESCRIPTION & JUSTIFICAT | ON: (Attach add'l data as necessary to ind | licate need, size, function | of improver | nents as w | rell as a master pl | an.) |
| Harrelson Hall is a 109,953 gsf, four story, | cylindrical, classroom building, built | t in 1961. Project so | ope includ | des asbe | stos abateme | nt, building demolition |
| and isolation, termination or removal of ma | jor utilities (water, sanitary sewer, n | atural gas, chilled wa | ater, elect | rical, an | d steam), The | building structure is |
| composed of an inner cast in place concret | e core and a surrounding precast/ o | cast in place hubrid s | structure. | The stru | ucturral demoli | tion which will |
| generate the most heavy equipment actuvity | y and traffic must be condensed wi | ithin the summer per | iod while | pedestria | an activity is a | a minimum. The |
| demolition method will take into considerati | on vibration sensitive research in th | ne vicintity. The proje | ect will inc | lude site | backfill, resto | ration, landscaping, |
| and hardscape work. | | | | | | |
| | | | | | | |
| (Definitions/explanations are provided on pg 2 to | assist in completion of this form.) | | | | | |
| CURRENT ESTIMATED CONSTRUCTION | | QTY | UNIT | COST | PER UNIT | TOTAL |
| A. Land Requirement | | | 91,111 | | I LIX OINT | \$0 |
| B. Site Preparation | | | | | | φυ |
| Demolition | | 109,953 sf | | \$ | 19.78 | \$2,174,870 |
| Site Work | | | p sum | \$ | 477,994.00 | \$477,994 |
| C. Construction | | | | | , | Ψ177,004 |
| Utility Services | | 1 Jum | p sum | \$ | 300,000.00 | \$300,000 |
| Building Construction (new spa | ce) | 1 | P 50 | | 000,000.00 | \$0 |
| Building Construction (existing) | | | | | | \$0 |
| Plumbing (new & existing space | e) | | | | | \$0 |
| HVAC (new & existing space) | | | | | | \$0 |
| Electrical (new & existing space | | | | | | \$0 |
| Fire Supression and Alarm Sys | | | | - | | \$0 |
| 8. Telephone, Data, Video (new 8 | k existing space) | | | | | \$0 |
| Associated Construction Costs | | 1 lump | o sum | \$ | 28,000.00 | \$28,000 |
| 10. Other: | | | | | | \$0 |
| D. Equipment | | | | | | |
| 1. Fixed | | | | | | \$0 |
| 2. Moveable | | | | | | \$0 |
| ESTIMATED CONSTRUCTION COSTS | | | | | | \$2,980,864 |
| items below may be calculated by percentage or lu | mp sum. If using lump sum, make entry | in \$ field. | | | | |
| DEGION FEE | 10.0/ | AND THE RESERVE | | | _ | |
| DESIGN FEE | 10 % (% of Estimated | | | | | \$298,086 |
| PRECONSTRUCTION COSTS | 0.55 % (% of Estimated | d Construction Costs [| 1% for CM | @Risk]) | | \$16,395 |
| COMMISSIONING | % (0.5% simple; 1 | 1.0% moderate; 1.5% o | complex) | | | \$0 |
| SPECIAL INSPECTIONS/MATERIALS | 1.2 % (1.25% estimate | | | | | \$35,770 |
| SUSTAINABILITY | % (3% LEED Gold | d, 2% LEED Silver) | | | | \$0 |
| | Includes progra | amming, feasibility, ana | alysis | | | |
| ADVANCE PLANNING | | d Construction Costs) | | | 1 | \$0 |
| CONTINGENCIES | 5 % (% of Estimated | d Construction Costs [3 | 00/ Na | - F0/ D0F | ,, F | |
| _ | | a Construction Costs [3 | % ivew or | 5% K&R | (1) | \$149,043 |
| ESTIMATED COSTS (% of Estimated Co | nstruction Costs + Contingencies + Des | nian Fac) | | | | 20 100 150 |
| Escalation = percent per month multiplied by | | sign ree) | | | L | \$3,480,159 |
| (From Est. Date to mid-point of construction) = | | months | 0.04.0/ | | | |
| General Bidgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 r | | months | 0.04 % | per mor | าเก | |
| General Diago. V-17 11105 - 076, 10-23 111050476, 24-33 1 | 1103 1278, 30-47 11105 = . 10%; 48-60 MOS = . | .10% | | | | |
| Health Bldgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 m | os = .26%; 18-23 mos = .29%; 24-35 mos = .3 | 3%; 36-47 mos = .36%; 48 | 3-60 mos = .3 | 18% | | |
| ESCALATION COST INCREASE (Total of E | | ************************************** | | | | \$27,841 |
| 1 | | | | | L | Ψ21,041 |
| TOTAL ESTIMATED PROJECT COSTS | (Estimated Costs + Escalation Cost Incre- | ase) | | | | \$3,508,000 |
| ADDDOVED BY | 010 | | | | | 100.120 131 |
| APPROVED BY: (Governing Board or Agency | | TITLE University Archite | ect | | <u>DA</u> | TE 10.15.14 |
| (Governing Board of Agency | licau) | | | | | |

| Ins | stitution: NC S | State University | Advance Planning Request: X New Capital Project*: | | |
|-----|--|---|--|--|--|
| | crease in Authorization from oject Title: Patterson Hall | m: \$ to \$ Business Center Renovation | New Capital Project . | | |
| Pro | oject Cost: AP Request \$2 | 20,000 (Total Project Budget \$1,56 | 51,800) | | |
| So | urce of Funds: Carry Forv | ward | | | |
| | f this project has previously thority is carried. Code | | lease identify code/item number under which that | | |
| Fo | r each advance planning | project or capital construction p | roject, please provide the following: | | |
| 1. | A detailed project descrip | ption and justification: | | | |
| | College of Agriculture ar | | to accommodate the programmatic needs of the The floor plan will be revised and existing HVAC, | | |
| 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 construction only): | f cash flow requirements over the li | fe of the project by FY quarters (Answer for capital | | |
| 4. | An estimated schedule for | or the completion of the project: | | | |
| | Design Start: 12/8/14 Construction Start: 4/5/16 | Design Complete: 12/21/15 Construction Complete: 10/5/ | 16 | | |
| 5. | | nce and operating costs and source ars of operation (Answer for capital | of funding to support these costs, including personnel, construction only): | | |
| 6. | An estimate of revenues, (Answer for capital const | | e project, covering the first five years of operation | | |
| 7. | An explanation of the me | eans of financing: | | | |
| | Carry Forward funds from | m FY2014 into FY2015 | | | |

STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE PROPOSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJECT BIENNIUM 2013 - 2015

Form OC-25 (Rev 05/12)

| | ARTMENT and DIVISION: DECT IDENTIFICATION: | North Carolina State Universit | у | | _ | DATE: | 10.13.14 |
|--|--|---|--|---|---|---|---|
| | JECT CITY or LOCATION: | Raleigh - North Campus | | | | | |
| PRO | JECT DESCRIPTION & JUSTIFICAT | | ndicate need size fu | nction of impro | wements as w | ell as a master plan | .) |
| Office are a receptor acceptor | ground floor of Patterson Hall will be e. The floor plan must be reconfigure it the end of their servicable life. It wind tacles and associated panel boards commodate the revised floor plan. The land the required constributed in the required constributed constributed in the required constributed constributed in the required constributed cons | renovated to accommodate the pro- ed. The basement is currently sen- ill be replaced with a split system V and circuit breakers will be replace the fire alarm devices will be fed frouction costs includes rental of sta | ogrammatic need wed by multiple sp AV air handler wed as will all inter om an existing co- ging, fire alarm te | is of the Cololit system a with hot water ior lighting. | lege of Agr air condition r reheat ter The existin An additio | iculture and Life ters and 4-pipe minal boxes. The g telecom systemal Notification | e Sciences Business fan coil units which ne electrical m must be modified Appliance Control |
| | itions/explanations are provided on pg 2 RENT ESTIMATED CONSTRUCTIO | | | () in the second | 1 | | |
| A. | Land Requirement | N CO31 | QTY | UNIT | COSTI | PER UNIT | TOTAL |
| В. | Site Preparation | | | | | | \$0 |
| | 1. Demolition | | | | T | | \$0 |
| | 2. Site Work | | | | | | \$0 |
| C. | Construction | | | | | | |
| | Utility Services | | | | | | \$0 |
| | Building Construction (new sp. Building Construction (new sp. | | | | | | \$0 |
| | Building Construction (existing Plumbing (new & existing space | | 9800 | sf | \$ | 32.00 | \$313,600 |
| | HVAC (new & existing space) | .е) | 9800 9800 | sf sf | \$ | 3.00 40.00 | \$29,400 |
| | Electrical (new & existing space) | e) | 9800 | sf | \$ | 20.00 | \$392,000 \$196,000 |
| | 7. Fire Supression and Alarm Sys | | 9800 | sf | \$ | 5.00 | \$49,000 |
| | 8. Telephone, Data, Video (new | | 9800 | sf | \$ | 4.50 | \$44,100 |
| | Associated Construction Costs | | 1 | lump sum | \$ | 259,688.00 | \$259,688 |
| _ | 10. Other: Security | | | | | | \$0 |
| D. | Equipment 1. Fixed | | | | | | |
| | Noveable | | | | | | \$0 |
| ESTIN | MATED CONSTRUCTION COSTS | | | | | | \$0 |
| | elow may be calculated by percentage or lu | imp sum. If using lump sum, make entr | v in \$ field | | | | \$1,283,788 |
| | | mp out in a world rump out in, make end y | y iii y iicid. | | | | |
| DESIG | N FEE | 10 % (% of Estimate | ed Construction Co | osts) | | | \$128,379 |
| PREC | ONSTRUCTION COSTS | 1 % (% of Estimate | ed Construction Co | osts [1% for (| CM@Risk]) | | \$12,838 |
| | IISSIONING | 1 % (0.5% simple; | 1.0% moderate; 1 | .5% complex | :) | | \$12,838 |
| SPECI | AL INSPECTIONS/MATERIALS | 1.25 % (1.25% estima | | | | | \$16,047 |
| SUSTA | AINABILITY _ | % (3% LEED Go | old, 2% LEED Silve | er) | | | \$0 |
| | | includes progr | ramming, feasibility | , analysis | | | |
| ADVAN | ICE PLANNING | % (% of Estimate | ed Construction Co | ests) | | | \$0 |
| CONTI | NGENCIES _ | 5 % (% of Estimate | ed Construction Co | sts [3% New | or 5% R&R | 1) | \$64,189 |
| | | nstruction Costs + Contingencies + D | esign Fee) | | | | \$1,518,079 |
| | ion = percent per month multiplied by st. Date to mid-point of construction) = | | months _ | 0.12 | % per mon | th | |
| | ildgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 | | | | | | |
| | lgs: 0-5 mos = .18%; 6-11 mos = .22 %; 12-17 m ATION COST INCREASE (T <mark>o</mark> tal of E | | 33%; 36-47 mos = .36 | %; 48-60 mos = | .38% | | \$43,721 |
| TOTAL | ESTIMATED PROJECT COSTS | (Estimated Costs + Escalation Cost Incre | ease) | | | | \$1,561,800 |
| APPRO | VED BY: (Coverning Board or Agency | | TITLE University A | rchitect | | DATE | 10.14.14 |
| | | * | | | | | |

| Ins | titution: NC Sta | te University | Advance Planning Request: X |
|-----|--|--|---|
| | rease in Authorization from: oject Title: Patterson Hall Fo | | New Capital Project*: |
| Pro | oject Cost: AP Request \$31,0 | 00 (Total Project Budget \$312, | 561) |
| Soi | urce of Funds: Carry Forwar | d | |
| | this project has previously ha | | please identify code/item number under which that |
| Fo | r each advance planning pr | oject or capital construction p | project, please provide the following: |
| 1. | A detailed project description | on and justification: | |
| | exact source of water infiltra | ation. It is expected that the nor | oor of Patterson Hall. Design efforts will ascertain the thwest corner of the building below grade wall must be ows with broken seals will also be addressed. |
| 2. | An estimate of acquisition, (a completed OC-25 form) | planning, design, site developm | ent, construction, contingency and other related costs |
| | See attached OC-25. | | |
| 3. | An estimated schedule of ca construction only): | sh flow requirements over the l | ife of the project by FY quarters (Answer for capital |
| 4. | An estimated schedule for the | ne completion of the project: | |
| | Design Start: 3/20/15 Construction Start: 1/25/16 | Design Complete: 11/13/15 Construction Complete: 3/28 | /16 |
| 5. | | and operating costs and source of operation (Answer for capita | of funding to support these costs, including personnel, al construction only): |
| 6. | An estimate of revenues, if (Answer for capital construc | | ne project, covering the first five years of operation |
| 7. | An explanation of the mean | s of financing: | |
| | Carry Forward funds from I | FY2014 to FY2015. | |

STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE

Form OC-25 (Rev 05/12)

10/15/2014

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

North Carolina State University

DEPARTMENT and DIVISION:

| | | | Patterson Hall Waterpre | | | | | | | |
|--|--------|--|---------------------------------|--|-----------------|-----------|-----------------|---|--|--|
| | | CITY or LOCATION: | Raleigh - North Campu | | | | | | | |
| | | DESCRIPTION & JUSTIFICATION | | | | | | | | |
| | | nd floor file room suffers from water | | | | | | | | |
| | | have not been definitively identified | | | | | | vall must be exposed | | |
| and r | iew v | vaterproofing membrane installed. | The initial design effort | will be to ascertain the e | xact source | of wate | r infiltration. | | | |
| | | | | | | | (8) | | | |
| /Defin | itions | /explanations are provided on pg 2 to a | ssist in completion of this for | rm \ | | | | | | |
| • | | T ESTIMATED CONSTRUCTION | | QTY | UNIT | Ticos | T PER UNIT | TOTAL | | |
| Α. | | and Requirement | | | | 1 | | \$0 | | |
| B. | Sit | te Preparation | | 100 000 | | - | | 7.7 | | |
| | 1. | Demolition | | | | | | \$0 | | |
| | | A. Window Removal | | 6 | each | \$ | 500.00 | \$3,000 | | |
| | | B. Clean and prepare wall for w | aterproofing | 500 | sf | \$ | 50.00 | \$25,000 | | |
| | | C. Demo damaged interior gyp I | nd . | 500 | sf | \$ | 5.00 | \$2,500 | | |
| | 2. | Site Work | | | | T . | | \$0 | | |
| | | A. Excavation at below grade w | ater infiltration | 2000 | cu yds | \$ | 22.00 | \$44,000 | | |
| | | B. Landscaping | | 1 | ls | \$ | 25,000.00 | \$25,000 | | |
| C. | | onstruction | | | | , | | | | |
| | | Utility Services | | | | | | \$0 | | |
| | 2. | Building Construction (new space | e) | | | ļ., | | \$0 | | |
| | | A. Install new windows | | 500 | each | \$ | 8,000.00 | \$48,000 | | |
| | 2 | B. Install new waterproofing Building Construction (existing) | | 500 | sf | \$ | 75.00 | \$37,500 | | |
| | J. | A. Replace interior wall finish | | 500 | sf | \$ | 7.50 | \$0 \$3,750 | | |
| | 4. | Plumbing (new & existing space |) | 300 | - 31 | + | 7.50 | \$0 | | |
| | 5. | | | | | | | \$0 | | |
| | 6. | | H I | | | | | \$0 | | |
| | | A. Replace outlets in restored w | all | 20 | each | \$ | 225.00 | \$4,500 | | |
| | 7. | Fire Supression and Alarm Syst | | | | | | \$0 | | |
| | - | A. Replace data ports in restore | | 20 | each | \$ | 225.00 | \$4,500 | | |
| | | Telephone, Data, Video (new & | existing space) | | | | | \$0 | | |
| | 9. | | | | | | | \$58,190 | | |
| D. | | . Other: <u>Security</u> uipment | | | | | | \$0 | | |
| U. | | Fixed | | | | | | \$0 | | |
| | 2. | Moveable | | | | | | \$0 | | |
| ESTI | MATE | ED CONSTRUCTION COSTS | | | | - | | \$255,940 | | |
| Items b | elow | may be calculated by percentage or lun | p sum. If using lump sum, m | nake entry in \$ field. | | | | 11 | | |
| | | | | | | | | | | |
| DESI | 3N FI | EE | | Estimated Construction Co | | | Γ | \$25,594 | | |
| | | TRUCTION COSTS | 5 % (% of | Estimated Construction Co | sts [1% for C | M@Risk] |) | \$12,797 | | |
| | | IONING | | simple; 1.0% moderate; 1. | 5% complex) | | | \$0 | | |
| | | NSPECTIONS/MATERIALS | 1.25 % (1.25% | | | | | \$3,199 | | |
| SUST | AINA | BILITY | % (3% L | EED Gold, 2% LEED Silve | r) | | L | \$0 | | |
| | | | Includ | les programming, feasibility | , analysis | | | | | |
| ADVA | NCE | PLANNING | % (% of | Estimated Construction Co. | sts) | | L | \$0 | | |
| CONT | INGE | ENCIES | 5 % (% of | Estimated Construction Co | sts [3% New | or 5% R8 | (RI) | \$12,797 | | |
| | | | | | 0.0 [0.70 1.011 | | "" | 7, | | |
| ESTIN | ATE | D COSTS (% of Estimated Cons | truction Costs + Contingenc | cies + Design Fee) | | | | \$310,327 | | |
| | | = percent per month multiplied by r | | J , | | | _ | | | |
| | | Date to mid-point of construction) = | | 18 months | 0.04 | % per r | nonth | | | |
| General | Bldgs: | | | | | | | | | |
| | PE 100 | | 000/ 40 00 | | | *** | | | | |
| | - | -5 mos = .18%; 6-11 mos = .22 %; 12-17 mos | | | %; 48-60 mos = | .38% | _ | *************************************** | | |
| ESCALATION COST INCREASE (Total of Estimated Costs x Escalation %) | | | | | | L | \$2,234 | | | |
| TOTAL ESTIMATED PROJECT COSTS (Estimated Costs + Escalation Cost Increase) | | | | | | \$312,561 | | | | |
| | | | | 3 TO 100 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | | | _ | | | |
| APPR | OVE | | | TITLE University | Architect | | <u>D</u> | ATE 10 . 16 . 14 | | |
| | | (Gliverning Board or Agency | lead) | | | | | | | |

| Institution: | The University of North Carolina at Chapel Hill | Advance Planning Request | | |
|---------------------------|---|--------------------------|--|--|
| Increase in Authorization | on from: \$ <u>63,681,005</u> to <u>\$116,259,072</u> | New Capital Project*: x | | |
| Project Title: Mary Elle | en Jones Renovation | | | |
| Project Cost: \$116,259 | 0,072, Increase of \$52,578,067 | | | |
| | | | | |

Source of Funds: F&A Funds

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

1. A detailed project description and justification:

Supplemental funding is requested for the Mary Ellen Jones Building Renovation. The design for a comprehensive renovation of Mary Ellen Jones is currently underway and the additional funding will replace air handlers, electrical infrastructure, fire pump, and other building systems and equipment, renovate all eleven floors of the building for new research laboratory space and vivarium. In addition, this project will address code deficiencies and deferred maintenance items. The project will also replace the existing exterior precast panels and install a new exterior glass curtain wall. The interior renovated area will be approximately 230,000 GSF. A new open space plaza between Mary Ellen Jones Building and Thurston Bowles Building which will provide a new building entrance will be constructed as part of this project. Compliance with GS 143-135.35 - 143-135.40, Sustainable, Energy Efficient Buildings, is also required.

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):

| | Prior Spending | | | | | | |
|----------------------|-----------------|--------------|---------------|---------------|--------------|---------------|----------------|
| By End of: | thru 2Q 2015-16 | 3Q 2015-16 | 4Q 2015-16 | 1Q 2016-17 | 2Q 2016-17 | 3Q 2016-17 | Total |
| Expected Expenditure | \$ 5,812,954 | \$10,463,316 | \$ 23,251,814 | \$ 34,877,722 | \$24,414,405 | \$ 17,438,861 | \$ 116,259,072 |

An estimated schedule for the completion of the project: Project began in 2007 with designer selection. Construction will start summer 2015 and be completed by June 2017

4. 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):

See attached spreadsheet; recurring costs \$795,674

5. 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

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

^{*}If this project has previously had advance planning authority, please identify code/item number under which that authority is carried. Code_41122 Item 301_ & 41222-305 (please note: all authority is now combined in 41122-301)

STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE DROSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJE

Form OC-25 (Rev 09/14)

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

| DEPARTMENT and DIVISION: | UNC Chapel Hill | | | | _ | DATE: | 12/02/14 |
|--|-------------------------|--------------------|--|------------------|---------|-------------------------|----------------------|
| PROJECT IDENTIFICATION: | Mary Ellen Jones | Renovation | | | | _ | |
| PROJECT CITY or LOCATION: | Chapel Hill | | | | | | |
| PROJECT DESCRIPTION & JUSTIFICATIO | N: (Attach add'l data a | s necessary to inc | liçate need, size, fi | unction of impro | vemen | its as well as a master | plan.) |
| Supplemental funding is requested for the M | ary Ellen Jones Buil | ding Renovation | n. The design f | or a comprel | nensiv | e renovation of Ma | ary Ellen Jones is |
| currently underway and the additional funding | g will replace air har | idlers, electrica | al infrastructure, | fire pump, ar | nd oth | er building system | s and equipment, |
| renovate all eleven floors of the building for r | new research labora | tory space and | vivarium. In add | dition, this pr | oject v | will address code o | leficiencies and |
| deferred maintenance items. The project will | I also replace the ex | isting exterior | orecast panels a | and install a r | new e | xterior glass curtai | n wall. The interior |
| renovated area will be approximately 230,00 | | | | | | | |
| will provide a new building entrance will be c | onstructed as part o | f this project. C | ompliance with | GS 143-135. | .35 - 1 | 143-135.40, Sustai | nable, Energy |
| Efficient Buildings, is also required. | | | | | | | |
| | | | | | | | |
| (Definitions/explanations are provided on pg 2 to | | of this form.) | | | | | |
| CURRENT ESTIMATED CONSTRUCTION | COST | | QTY | UNIT | CC | OST PER UNIT | TOTAL |
| A. Land Requirement | | | | | | | \$0 |
| B. Site Preparation | | | | | | | ^^ |
| 1. Demolition | | | <u> </u> | | ļ | | \$0 |
| 2. Site Work | | | | | | | \$0 |
| C. Construction | | | 1 | 1 | | | 4.0 |
| Utility Services | | | <u> </u> | | | | \$0 |
| Building Construction (new space) | e) | | 200.000 | 05 | | 004.00 | \$0 |
| 3. Building Construction (existing) | | | 230,000 | SF | \$ | 361.26 | \$83,089,800 |
| 4. Plumbing (new space) | | | | | | | \$0 |
| 5. HVAC (new space) | 04 | | | | | | \$0 |
| 6. Electrical (Includes TV & Radio 3 | | | | | | | \$0 \$0 |
| 7. Fire Supression and Alarm Syste | ems | | | | | | \$0 \$0 |
| Telephone, Data, Video Associated Construction Costs | | | <u> </u> | Lump Sum | \$ | 11,770,000.00 | \$11,770,000 |
| 10. Other: | | | <u> </u> | Lump Sum | , | 11,770,000.00 | \$11,770,000 |
| D. Equipment | | | | <u> </u> | | | ΨΟ |
| 1. Fixed | | | <u></u> | Lump Sum | \$ | 2,000,000.00 | \$2,000,000 |
| 2. Moveable | | | | Lump Sum | \$ | 1,249,121.50 | \$1,249,122 |
| ESTIMATED CONSTRUCTION COSTS | | | | Lamp Cam | | 1,210,121.00 | \$98,108,922 |
| Items below may be calculated by percentage or le | imn eum. If ueina lum | n eum maka ant | nı in Ç field | | | L | V 00,100,022 |
| items below may be calculated by percentage of it | amp sum in using tum | p outil, make em | ry in o neid. | | | | |
| DESIGN FEE | 8 % | /% of Estimate | ed Construction C | costs) | | Г | \$7,848,714 |
| PRECONSTRUCTION COSTS | | • | ed Construction C | - | `M@F | RiskI) | \$882,980 |
| COMMISSIONING | | ` | 1.0% moderate; | • | | - I | \$1,471,634 |
| SPECIAL INSPECTIONS/MATERIALS | 0.8 % | | | 1.070 001112107 | 7 | <u> </u> | \$784,871 |
| SUSTAINABILITY | 2 % | (| id, 2% LEED Silv | arl | | - | \$1,962,178 |
| _ | | ` | | | | - | V.10021110 |
| ADVANCE PLANNING | 0.3 % | | amming, feasibili ed Construction C | | | | \$294,327 |
| CONTINGENCIES | 5 % | (% of Estimate | d Construction C | osts [3% New | or 5% | 5 R&R]) | \$4,905,446 |
| ESTIMATED COSTS (% of Estimated Co | nstruction Costs + Co | ntingencies + D | esign Fee) | | | | \$116,259,072 |
| Escalation = percent per month multiplied by | | | • | | | _ | |
| (From Est. Date to mid-point of construction) = | | | months | | % pe | r month | |

General Bldgs: 0-17 mos = 0%; 18-23 mos = .04%; 24-35 mos = .12%; 36-47 mos = .16%; 48-60 mos = .18%

| ESCALATION COST INCREASE (Total of Estimated Costs x Escalation %) | | \$0 |
|--|-----------------------------|-------------------|
| TOTAL ESTIMATED PROJECT COSTS , (Estimated Costs + Escalation Cost | Increase) • | \$116,259,072 |
| APPROVED BY: (Governing Board or Agency Head) | Facilities Planning: Design | DATE /2/2/14 N |