

Authorization of New Capital Improvements Projects – East Carolina University, North Carolina State University, The University of North Carolina at Chapel Hill, and The University of North Carolina School of the Arts

East Carolina University, North Carolina State University, the University of North Carolina at Chapel Hill, and the University of North Carolina School of the Arts have requested authority to establish new capital improvements projects.

ECU: This project would up-fit 37,800 square feet of 4th floor shell space in the East Carolina Heart Institute (Cardiovascular Institute, 210,000 square feet, four-story, built in 2008) into a cardiovascular robotics surgical training laboratory, lab support space, and office space for interdisciplinary study. The laboratory space will include bio-containment areas, fume hood rooms, tissue culture rooms, medical imaging resources, cold rooms, and storage. The robotic surgery laboratory area has a large training room for demonstrations and seminars, two surgery rooms, and two procedure rooms. The project will finish work that was planned to be completed as part of the original project but omitted due to budget constraints. The construction project, to be completed by spring 2012, is estimated to cost \$8,000,000 and would be funded with remaining authorized funds from the original construction project (\$800,000), Facilities and Administrative receipts (\$1,000,000) and from available carry-forward funds (\$6,200,000). (Carry-forward funds are operating funds unexpended on June 30 and, pursuant to state law, are “carried-forward” into the next fiscal year to support one-time expenditures.)

ECU: This project would up-fit 2,414 square feet of 3rd floor shell space in the East Carolina Heart Institute (Cardiovascular Institute, 210,000 square feet, four-story, built in 2008) into an exercise laboratory for metabolic and health and human performance research. The project will complete work that was planned to be completed as part of the original project but omitted due to budget constraints. The project, to be completed by spring 2011, is estimated to cost \$450,000 and would be funded entirely by a grant from the Golden Leaf Foundation awarded on August 11, 2010.

NCSU: This project would make improvements to North Residence Hall (73,924 square feet, six-story, built in 1974). Work would include structural repair to the exterior balcony walkways, replacement of handrails, repair and painting of the exterior walls, asbestos abatement, and replacement of the entry canopy. Work would also include the replacement of the existing storefront room entries and HVAC units to improve energy efficiency. The project, to be completed summer 2011, is estimated to cost \$2,400,000 and would be funded from Housing receipts.

NCSU: This project would make improvements to the building systems supporting the Pulsar nuclear reactor housed in the Burlington Engineering Laboratories Building (62,511 square feet, four-story, built in 1955). The project would upgrade the reactor's cooling and plumbing, mechanical, and electrical support systems as needed to increase the reactor's capacity from one million watts to two million watts and provide the potential to increase capacity to five million watts. The project, to be completed spring 2012, is estimated to cost \$1,378,987 and would be funded entirely by a grant from the U.S. Department of Energy awarded on August 16, 2010.

UNC-CH: This project would renovate approximately 7,300 square feet in four wet laboratories in the Kenan Lab Building (140,411 square feet, twelve-story, built in 1971) that provide research space for faculty members in inorganic chemistry. Work would include the replacement of all current lab benches, fume hoods, and student carrels. Each laboratory would be upgraded to the maximum number of fume hoods allowable by the capacity of the existing HVAC system. Work also includes required asbestos and mercury abatement and provides needed mechanical, plumbing, and electrical service to the replacement lab benches and equipment. The project, to be completed spring 2012, is estimated to cost \$1,996,997 and would be funded entirely by a grant from the National Science Foundation awarded on September 1, 2010.

UNCSA: This project would make improvements to Residence Hall E (8,042 square feet, three-story, built in 1969) and to Residence Hall F (13,225 square feet, three-story, built in 1969). Work would include replacement of existing with new fire-rated building, corridor, and room entry doors; new ADA-compliant door hardware, new energy efficient windows, and interior and exterior accessibility upgrades. The project, to be completed summer 2011, is estimated to cost \$468,000 and would be funded from Housing receipts.

It is recommended that these projects be authorized and that the methods of financing as proposed by ECU, NCSU, UNC-CH, and UNCSA be approved.