



**Finance and Administration Committee
October 29, 2024**

Action Item

FAC- 3 New Capital Project - ITS Data Center Planning Assessment

Background Information

On May 22, 2019, the Board of Governors delegated authorization for capital improvement projects designed, constructed, and operated by non-general fund money, with a total project of \$750,000 to the Board of Trustees. The cost of the ITS Data Center Study is under this threshold.

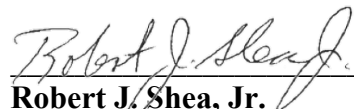
While the ITS Data Center Study is not a construction project proper, under state guidelines, studies with a cost greater than \$50,000 are considered major capital improvement projects and shall follow the same processes.

Project Cost: \$300,000

Evaluate and assess aging University Data Centers within three campus buildings and select data closets within two other buildings. The goal is to obtain recommendations regarding the potential reuse and renovation of current physical facilities and analysis of on-site versus offsite versus cloud data storage options.

Recommended Action

The Board of Trustees of The University of North Carolina at Greensboro approves a capital improvement project of \$300,000 for the ITS Data Center Study.



Robert J. Shea, Jr.
Vice Chancellor for Finance and
Administration

Attachments: UNC Capital form, dated 10/29/2024
SCO OC25, dated 10/29/2024

**THE UNIVERSITY OF NORTH CAROLINA
CAPITAL PROJECT AUTHORIZATION FORM**

Institution: UNC Greensboro Date: 10/29/2024 Interscope Code: _____
 Project Title: ITS Data Center Planning Assessment Interscope Item: _____

A. CAPITAL PROJECT SCOPE AND JUSTIFICATION

1. Name of Building(s): McNutt, Bryan, Jackson, Forney, Police 2. Project Type: Advance Planning
 3a. Estimated Existing GSF: _____ 4a. Current Use: Other 5. Land Ownership: State Owned (SCO is the AHJ)
 3b. Estimated New or Additional GSF: _____ 4b. Proposed Use: Other
 6. Was Adv Planning authorized by legislation or BOT? No BOT Authorization Date: _____ Date SD submitted to SCO: _____

7. Describe proposed project scope:

Evaluate and assess aging University Data Centers within three campus buildings, and select data closets within two other buildings. The goal is to obtain recommendations regarding both the potential reuse and renovation of current physical facilities along with analysis of on site versus offsite versus cloud data storage options.

8a. Current departments and programs:

ITS

8b. Proposed departments and programs:

ITS

9. If the project is new construction or addition, describe the proposed use or disposition of the existing facility, including proposed timeline.

10. Is project incl. in the 6-year capital plan? No If so, indicate version: _____ Project Title: _____

B. CURRENT CAPITAL PROJECT AUTHORIZATION AND FUND SOURCES

1. Identify fund sources for proposed project. For R&R funds and carry forward funds, provide the fiscal year. For trust funds and student fees, provide specific source of funds.

Authorization Approval	By	Approval Date	Appropriated	R&R	Specify FY	Carry Forward*	Specify FY	Trust Funds	Source	Student Fees	Source	Debt Service Fees
New Capital Project	BOT							300,000	Other Auxiliary			
PREVIOUS AUTHORIZATION:		\$300,000	\$0	\$0		\$0		\$300,000		\$0		\$0
		100%	0%	0%		0%		100%		0%		0%
Incr. Authorization												
Change fund source(s)												
CHANGE IN AUTHORIZATION:		\$0	\$0	\$0		\$0		\$0		\$0		\$0
REV. TOTAL AUTHORIZATION:		#####	\$0	\$0		\$0		\$300,000		\$0		\$0
		#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!		#DIV/0!		#DIV/0!		#DIV/0!

2. Provide additional details on proposed fund sources (e.g., availability of donations and gifts as of the date of the request, pledged amounts, type of federal grants, specific student fees including date and amounts already approved by the Board of Governors, etc.):

Non Appropriated Major R&R - Housing Trust Funds

3. For auxiliary-supported projects (e.g., housing, dining, parking, etc.), provide an estimate of annual revenues that will be generated by the project and the revenue source for the first five years.

Year 1		Year 2		Year 3		Year 4		Year 5	
Amount	Source	Amount	Source	Amount	Source	Amount	Source	Amount	Source
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

4. For any new construction, addition, or comprehensive renovation, provide the estimated annual operations and maintenance costs and the fund source for the first five years.

Year 1		Year 2		Year 3		Year 4		Year 5	
Amount	Source	Amount	Source	Amount	Source	Amount	Source	Amount	Source
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

PROJECT NAME:	ITS Data Center Planning Assessment	Version 03/2024	CREATION DATE:	10/29/2024
PROJECT LOCATION:	Greensboro		SCO APPROVAL DATE:	
AGENCY OR INSTITUTION:	UNC Greensboro		BIENNIUM:	

PROJECT DESCRIPTION: (Written description of project scope, scale, and schedule including the current status as of this OC-25, i.e. pre-funding, funded, advance planning, design phase, etc.)
 Evaluate and assess aging University Data Centers within three campus buildings, and select data closets within two other buildings. The goal is to obtain recommendations regarding both the potential reuse and renovation of current physical facilities along with analysis of on site versus offsite versus cloud data storage options.

ESTIMATED PROGRAM CONSTRUCTION COST ON CREATION DATE (Match Project Description)						
ITEM	DESCRIPTION	QTY	UNIT	COST PER UNIT	TOTAL	
SITE CONSTRUCTION-NEW (Insert Additional Rows as Required)						
Site			GSF		\$ -	
Site			GSF		\$ -	
Site			Parking Space		\$ -	
CONSTRUCTION-NEW (Insert Additional Rows as Required)						
Demolition			GSF		\$ -	
Construction-New			GSF		\$ -	
Construction-New			GSF		\$ -	
CONSTRUCTION-RENOVATION (Insert Additional Rows as Required)						
Construction-Renovation			GSF		\$ -	
Construction-Renovation			GSF		\$ -	
Sub-Total Program Construction Cost: (Total of all expected first-tier subcontractor bid packages)					\$ -	
CMR/GC Cost:		7.00%	(14%-20% of Sub-Total Program Construction Cost)		\$ -	
ESTIMATED PROGRAM CONSTRUCTION COST: (Total Hard Cost)					\$ -	
A. '90/10 RULE APPLYING TO TOTAL HARD COST:		90.0%				\$ -

OWNER'S ESTIMATED SOFT COSTS (Percentage of 'A' Above or Lump Sum)			
ITEM	% or LS	DESCRIPTION	TOTAL
ADVANCE PLANNING	0.00%	(% of 'A' Above-Includes programming, survey/topo/utilities, cost estimate)	\$ -
DESIGN FEE	0.00%	(% of 'A' Above)	\$ 300,000
PRECONSTRUCTION SERVICES	0.00%	(1% of 'A' Above for CM@Risk)	\$ -
COMMISSIONING CONSULTANT	0.00%	(0.5% simple; 1.0% moderate; 1.5% complex)	\$ -
SPECIAL INSPECTIONS & TESTING CONSULTANT	0.00%	(0.5% simple; 1.0% moderate; 1.5% complex)	\$ -
SUSTAINABILITY	0.00%	(4% LEED Platinum/4 Globes; 3% LEED Gold/3 Globes; 2% LEED Silver/2 Globes; 1% LEED Certified/1 Globe)	\$ -
CONSTRUCTION PHASE CONTINGENCY	0.00%	(% of Estimated Construction Costs [3% New or 5% R&R])	\$ -
90/10 RULE OWNER RESERVE FUNDS	10.0%		\$ -

ESCALATION ANALYSIS:			
	Project Schedule Milestones	Months	Monthly Escalation
Funding Process	1. OC-25 Creation Until Project Funded	0	
Designer Selection	2. Designer RFQ/Interview/Selection	0	
Design Phases	3. Design Phases Duration	0	
Construction	4. Bid Advertisement to Midpoint of Construction	0	
ESCALATION: BLS PPI ANNUAL INFLATION RATE	Total Months of Escalation:	0	0.67%
MISCELLANEOUS	LS Permits, Fees, Printing, Legal		\$ -
FURNITURE BY OWNER	LS Chairs, Desks, Tables, Workspace (Add 1.75% of Cost When Using P & C)		\$ -
EQUIPMENT BY OWNER	LS Lab, Pantry, Business		\$ -
STATE OR INSTITUTION IT EQUIPMENT	LS Data Center, Data Recovery, LAN		\$ -
AV and TECHNOLOGY	LS AV/Technology Equipment and Installation		\$ -
TEMPORARY SPACE REQUIREMENT	LS Relocation/Storage/Lease Space		\$ -
LAND REQUIREMENT	LS Acquisition Cost		\$ -
B. SUB-TOTAL OWNER'S ESTIMATED SOFT COST: (Total Soft Cost)			\$ 300,000

C. ESTIMATED TOTAL PROJECT COSTS (A + B):	Year of Initial Estimate: 2024	\$ 300,000
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<input type="checkbox"/> Indicates a Required Field to be Completed by Estimator	2025	2026	2027	2028
	8.00%	8.00%	8.00%	8.00%
	\$ 324,000	\$ 349,920	\$ 377,914	\$ 408,147
	Automatic Escalation Will Occur Annually on October 1 With No Program Changes			

APPROVED BY: _____ **TITLE:** _____ **DATE:** _____