

## Finance *and* Administration Committee February 20, 2024

#### **Information Item**

## FAC-3 Report on Chancellor Approval of Non-Appropriated Capital Improvement Projects between \$100,000 and \$500,000

#### **Projects:**

Walker Parking Deck- Water Intrusion Repairs
Steam Plant Boiler #4 Refractory Repair (Facilities Operations)
Steam Plant Boiler #2 Economizer Replacement (Facilities Operations) Baseball
Stadium Netting Installation
Moore Strong Residence Hall Generator Replacement
Moran Commons- NW Exterior Wall Repair
Coleman Gymnasiums LED Upgrade
Psychology 265/359 Alterations

#### **Background Information**

At the August 15, 2023, meeting of the Board of Trustees, the Board delegated authority to the Chancellor, ex-officio, to approve capital improvement projects designed, constructed, and operated by non-appropriated funds, with a total project budget between \$100,000 and \$500,000, and authorized the Chancellor to report all such approvals to the Board at its next meeting. A copy of the formal delegation was provided to the UNC System Office Capital Planning and Finance Division for the record.

#### Walker Parking Deck- Water Intrusion Repairs- \$320,000

The project's scope is to correct temperature and humidity issues in the Lobby and Stair #2, Stair #5, and Stair #2. These issues create fogged windows, rusting materials, safety concerns due to wet floors, and uncomfortable climate control. Stormwater piping and building facade issues must be addressed to seal and properly condition these areas. The project's scope is to correct storm drainage piping, new exterior doors and windows, and provide a new mechanical conditioning system for Lobby and Stair #2.

#### Steam Plant Boiler #4 Refractory Repair- \$306,900 (Fac/Operations)

The Steam Boiler is an English boiler installed in 2004 and provides 21% of the overall plant steam production. The boiler manufacturer recommends replacing the refractory material every seven years. With proper maintenance and service, we have been able to get almost 19 years of service life from the original refractory. At this stage, we have to repair the refractory material inside the boiler so that the boiler continues to pass the next Annual Internal Safety Inspection.

#### Steam Plant Boiler #2 Economizer Replacement- \$277,500

The Steam Boiler was installed in 1989, providing 26% of plant steam production. The existing economizer has failed and is leaking, causing the boiler to shut down. We expect a 3% efficiency gain with the new economizer, which equates to over \$35,000 in annual natural gas cost savings.

#### **Baseball Stadium Netting Installation-\$120,000**

We must install safety netting along the First Base and Third Base Foul Lines of the University's Baseball Stadium for our patrons' safety and protection. The project plans to install galvanized aluminum poles in concrete footings to support the cable and netting system components.

#### Moore Strong Residence Hall Generator Replacement- \$470,000

The Moore Strong Residence Hall generator is a 30kW generator installed in 1994 and is one of the oldest generators serving a residence hall. Since its original installation, a second transfer switch was added in 2016, serving new life safety loads in the building and adding to the importance of this system. The generator is beyond its useful life and needs replacement.

#### Moran Commons- NW Exterior Wall Repair- \$400,000

Drainage issues and foundation settlement at three areas around the NW Plaza at Moran Commons have created water infiltration issues, including infiltration into the mechanical room and adjacent space, damaging the metal decking, causing cracks and efflorescence in plaza walls, and creating structural instability. The project's scope is to repair and stabilize cracking by structurally shoring up the foundation, cleaning and repairing masonry, installing additional drains and correct drainage piping, repairing pavers, and reshaping the slab to provide proper drainage paths. Areas of the existing storefront window system also need to be replaced.

#### Coleman Gymnasiums LED Upgrade- \$190,000

The two gymnasiums have outdated, inefficient lighting systems. The Practice Gym lighting system had a design upgrade in 2010, adding 20 sports floodlight fixtures to the existing 40 Metal Halide (M) fixtures to meet NCAA lighting requirements. The Fleming Gym has had no changes since its 1986 construction. It has 60 MH fixtures and 20 sports floodlights. The project will replace all the MH fixtures with LED fixtures and remove the sports floodlights. The new LED lights will provide the functionality to meet NCAA Regional and National Broadcasting lighting requirements. The project offers more uniform and efficient lighting, resulting in an annual electricity consumption of approximately 190,000 kWh, saving \$14,000 in electricity costs. The proposed project includes the material, LED fixtures, new dimming switches, lighting control work, recycling old fixtures, and an engineer-stamped letter regarding the NCAA's required lighting level.

#### Psychology 265/359 (Eberhart Building) - \$125,000

The existing mail room and conference room do not meet the current operational needs of the Psychology Department and need an update and expansion. The project's scope is to renovate the existing Mail Room (Rm. 265) to include plumbing corrections to eliminate leaks, remove outdated built-in mail distribution 'cubbies' to allow for storage improvements, and refresh room finishes. It also involves enlarging the existing Conference Room (Rm. 359) by expanding into an adjacent storage room, improving utilities serving the enlarged room, refreshing finishes, and obtaining new furniture and equipment for the expanded use. This project will provide improved AV viewing to accommodate table seating for 24 and a total in-room attendance of 30 to support the growing Psychology department.

#### Attachments:

Chancellor-signed memoranda of project approval and related forms are below and are bookmarked for reference.

Robert J. Shea, Jr.

Bolost J. Sleaf.

Vice Chancellor for Finance and Administration



254 Mossman Building PO Box 26170, Greensboro, NC 27402-6170 336,334,5200 Phone 336,334,4754 Fax

#### **MEMORANDUM**

TO:

Chancellor Franklin D. Gilliam, Jr.

FROM:

Robert J. Shea, Jr.

DATE:

October 10, 2023

RE:

Approval of Capital Improvement Project -

Walker Parking Deck – Water Intrusion Repairs

At the August 15, 2023 meeting of the Board of Trustees, the Board delegated authority to the Chancellor, ex-officio, to approve capital improvement projects designed, constructed and operated by nonappropriated fund moneys, with a total project budget between \$100,000 and \$500,000, and authorized the Chancellor to report all such approvals to the Board at its next meeting.

Project Description: The scope of the project is to correct temperature and humidity issues that are occurring in the Lobby and Stair #2, Stair #5, and Stair #1 of the Walker Parking Deck. These issues are creating fogged windows, rusting materials, safety concerns due to wet floors, and uncomfortable climate control. Storm water piping and building façade issues need to be addressed to properly seal and condition these areas. The scope of the project is to correct storm drainage piping, new exterior doors and windows, and to provide a new mechanical conditioning system for the Lobby and Stair #2.

The total budget of \$320,000 for the Walker Parking Deck – Water Intrusion Repairs project will be within the \$100,000 to \$500,000 threshold for Projects. We recommend approval of this capital improvement project.

A formal reporting of our procedures and your approval will be made at the next meeting of the Board of Trustees. Please acknowledge your approval by your signature below.

Date: 10/31/33

Attachments

OC-25, dated CI-1, dated

#### The University of North Carolina System Request for Advance Planning, New, or Increase in Capital Improvement Project

	Institution:	UNC Greensboro						
	Project Title:	Walker Parking Dec	ck - Water Intrusio	n Repairs				
		Advance Planning					•	
	Х	– New Capital Projec	et					
		Increased Authoriz		Code:		Item:		
	( <del></del>							
		From:		_ То:	<del></del>	_ Total:	\$0	
	Project Cost:	\$320,000			Source of Funds*	: TR - Transportation	n and Parking Trust F	unds
	Fund Type Catego	ory:						
	Fund Category	Appropriated	R&R	Carry Forward	Student Fees	Trust Funds (incl. donations/gifts)	Debt Service Fees	TOTAL
	Fund Source Code					DR		
	\$ Amount	\$0	\$0	\$0	\$0	\$320,000	\$0	\$320,000
	Percent	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	100,0%
1.	A detailed project The scope of the p Parking Deck. The water piping and	ing project or capital description and just oroject is to correct the issues are creating building façade issues are exterior doors are exterior doors are exterior doors are exterior doors are exterior doors.	ification: emperature and h g fogged windows s need to be addro	umidity issues that , rusting materials, s essed to properly se	are occurring in the safety concerns du al and condition th	e to wet floors, and nese areas. The scop	uncomfortable clima e of the project is to	ite control. Storm
2.	An estimate of ac	quisition, planning, d	esign, site develop	oment, construction	, contingency and	other related costs (	attach a completed	OC-25 form).
3.	An estimated sche	edule for the comple	tion of the project	(enter dates mm/d	d/yr).			
	Designer Start:	12/1/23	Constr. Start:	8/1/24	Constr. Complete	2/1/25		
4.	An estimated sche	edule of cash flow re	quirements over t	he life of the project	t by FY quarters (or	mit for advance plan	ning requests).	
		FY/Qtr	FY23-24-Q2	FY23-24-Q3	FY23-24-Q4	FY24-25-Q1		
		\$ Amount	\$5,000	\$15,000	\$15,000	\$150,000		
		FY/Qtr					2	
		FY/Qtr	FY24-25-Q2					
		\$ Amount	\$135,000					
		FY/Qtr				l		
5.		aintenance and opera or advance planning a					l, covering the first fi	ve years of
		Year	Year 1	Year 2	Year 3	Year 4	Year 5	
		Source	N/A	N/A	N/A \$0	N/A \$0	N/A \$0	
		\$ Amount	\$0	\$0	\$0	\$0	<b>\$</b> 0	
6.		enues, if any, likely t ests, required for ge			ng the first five yea	rs of operation (om	it for advance planni	ng and non-
		Year	Year 1	Year 2	Year 3	Year 4	Year 5	
		Source	N/A	N/A	N/A	N/A	N/A	
		\$ Amount	\$0	\$0	\$0	\$0	\$0	
7.	identified fund sou	the means of financi urce, etc.). n and Parking Trust f		ves using the fund s	ources identified a	bove, campus debt	financing to be retire	d with the
8.	This is to certify th	at this capital impro	vement request w	as duly authorized o	on:			2
							(Date)	5 ° 5
		(Signat	ture)		M.		(Printed name/title)	

<u></u>	10	Fund Source Code	T
		(Reporting	
Fund Type Category	Title	Abbreviation)	Description
runa Type Category	isuc	Appleviation	Funds appropriated by the legislature for capital
Appropriations	Appropriations	SA	projects.
R&R	R&R	RR	Funds appropriated by the legislature for campus repairs and renovations in 13 statutorily prescribed categories.
Carry forward	Carry Forward	CF	State appropriations carried forward under the 2.5% permitted by legislation. By Session Law, carry forward is considered non-general fund when it is carried forward.
	Athletics Fee	SAF	Fees collected specifically for support of campus student athletics and recreation services.
	Campus Safety Fee	SSF	Fees collected specifically for support of campussafety items such as emergency phones and cameras.
Student Fees	Education and Technology Fee	ETSF	Fees collected specifically for support of education and technology items.
	Health Services Fee	HSF	Fees collected specifically for support of campus student health services.
	Other Student Fees	OSF	Any other student fees authorized and collected for other purposes, but not listed in above categories.
	Athletics	AR	Receipts from ticket sales, gifts, donations, cash reserves, including Athletics Foundation reserves.
	Dining	DR	Receipts from operations, cash reserves.
	Housing	HR	Receipts from operations, cash reserves.
	Transportation and Parking	TR	Receipts from operations, cash reserves.
	Utility Trust Funds	UTF	Receipts from operations, cash reserves from opeation/management of all/any campus utilities (steam, chilled water, etc.).
Trust Funds (including gifts and donations)	Other Auxiliary Trust Funds	OTF	Receipts from operations, cash reserves from other campus auxiliaries not specified above.
	Centennial/Millennial Campus Funds	CMF	Receipts from operations, cash reserves under the Millennial Campus financing act.
	Clinical Receipts	CR	Receipts from operations, cash reserves.
	Facilities and Administrative	FA	Overhead receipts (facilities and administrative overhead) generated from campus research.
	Donations and Gifts	DG	Contributions made by gift, donation, bequest, or other private sources.
	Endowment	ENDF	Funds from the endowment fund of the university.
DebtService	Debt Service Fees	DSF	Debt service fees authorized for specific projects.

#### Form OC-25

(Rev 12/2022)

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

PROPOSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJECT BIENNIUM 2023-2025

DEPARTMENT and DIVISION:	UNC Greensboro			_	DATE:	10/10/23	
PROJECT IDENTIFICATION:	Walker Parking Deck - Water Inti	usion Repairs					
PROJECT CITY or LOCATION:	Greensboro						
PROJECT DESCRIPTION & JUSTIFICATION							
The scope of the project is to correct temper Deck. These issues are creating fogged win and building façade issues need to be addressexterior doors and windows, and to provide	dows, rusting materials, safety con essed to properly seal and condition	cerns due to wet n these areas. Th	floors, and e scope of	uncomfortabl the project is	e climate contro	ol. Storm wa	ater piping
(Definitions/explanations are provided		on of this form	. Lump su	ums are not	to be used as	s a unit of	cost
unless further substantiating breakdo		QTY	UNIT	COCT	PER UNIT	TO	TAL
CURRENT ESTIMATED CONSTRUCTION  A. Land Requirement	0001	QH	UNIT	0031	FER UNIT	10	\$0
B. Site Preparation		L					Ψ
1. Demolition		1000	SF	\$	15.00		\$15,000
2. Site Work							\$0
C. Construction				,			
<ol> <li>Utility Services (describe)</li> </ol>							\$0
Building Construction (new space)		1000			105.00		\$0
Building Construction (existing)     Characteristics (existing)		1000	SF	\$	125.00 17,500.00		\$125,000 \$17,500
<ol> <li>Plumbing (existing) Storm Pipiir</li> <li>HVAC (existing) New Condition</li> </ol>		1	LS LS	\$	82,000.00		\$82,000
Flectrical	ing System	600	SF	\$	35.00		\$21,000
Fire Supression and Alarm Syst	ems		<u> </u>				\$0
8. Telephone, Data, Video							\$0
<ol><li>Associated Construction Costs</li></ol>							\$0
10. Other (describe and insert add	litional lines as needed)			<u> </u>			\$0
D. Equipment				Υ			\$0
<ol> <li>Fixed (describe)</li> <li>Moveable (describe)</li> </ol>				-			\$0 \$0
Total Cost of Work						\$	260,500
Items below may be calculated by per	centage or lump sum. If using	a lump sum. ma	ake entry i	in \$ field an	AS 80 AAN	<u> </u>	
nome polety may be encounated by per	oonings of turnp current in units	,,		,			
DESIGN FEE	10 % (% of Estimate	ed Construction Cos	sts)			\$	26,050
PRECONSTRUCTION COSTS	0 % (% of Estimate					\$	-
COMMISSIONING		1.0% moderate; 1.5	5% complex)			\$	-
SPECIAL INSPECTIONS/MATERIALS	1.25 % (1.25% estima	A-2-50-00-8-0				\$	3,256
SUSTAINABILITY	0 % (3% LEED Go	ld, 2% LEED Silver	)		-	\$	•
ADVANCE PLANNING		ramming, feasibility, ed Construction Cos				\$	( <del></del>
CONTINGENCIES	5 % (% of Estimate	ed Construction Cos	sts [3% New	or 5% R&R])		\$	13,025
Management of the state of the	nstruction Costs + Contingencies + Des	sign Fee)		1. Pow		\$	302,831
Escalation = percent per month multiplied by (From Estimate Date as entered above on the of construction) =		6 months	5.0	% annually on month 1			
ESCALATION COST INCREASE (Total of E	stimated Construction Costs x Escal	ation %)					\$17,169
TOTAL ESTIMATED PROJECT COSTS	(Estimated Construction Costs + Escalati					\$	320,000
APPROVED BY: (Governing Board or Agency Head)	TITLE:					DATE:	



254 Mossman Building PO Box 26170, Greensboro, NC 27402-6170 336,334.5200 *Phone* 336.334.4754 *Fax* 

#### MEMORANDUM

TO:

Chancellor Franklin D. Gilliam, Jr.

FROM:

Robert J. Shea, Jr.

DATE:

October 18, 2023

RE:

Approval of Capital Improvement Project -

Steam Plant Boiler #4 Refractory Repair

At the August 15, 2023 meeting of the Board of Trustees, the Board delegated authority to the Chancellor, ex-officio, to approve capital improvement projects designed, constructed and operated by non-appropriated fund moneys, with a total project budget between \$100,000 and \$500,000, and authorized the Chancellor to report all such approvals to the Board at its next meeting.

Project Description: Steam Plant Boiler #4, an English boiler, was installed in 2004 and provides 21% of the overall plant steam production. The existing refractory material inside the boiler is failing and will not pass the next Annual Internal Safety Inspection. Although the manufacturer recommends replacing the refractory material every seven (7) years, it has never been replaced during the boiler's 19-year service life.

The total budget of \$306,900 for the Steam Plant Boiler #4 Refractory Repair Project will be within the \$100,000 to \$500,000 threshold for Projects. We recommend approval of this capital improvement project.

A formal reporting of our procedures and your approval will be made at the next meeting of the Board of Trustees. Please acknowledge your approval by your signature below.

Approved:

Chancellor/

Date: 10/30/23

Attachments

OC-25, dated CI-1, dated

The University of North Carolina System	
Request for Advance Planning, New, or Increase in Capital Improvement Project	t

	Institution:	UNC Greensboro			N N			
	Project Title:	Steam Plant Boiler	#4 Refractory Repai	r		- 1		
		Advance Planning	Request					
	Х	New Capital Proje	ct					
		Increased Authori	zation:	Code:		Item:		
		-					\$0	
		From:		10:				
	Project Cost:	\$306,900			Source of Funds*:	CF		
	Fund Type Catego	ory:	·				,	
	Fund Category	Appropriated	R&R	Carry Forward	Student Fees	Trust Funds (incl. donations/gifts)	Debt Service Fees	TOTAL
	Fund Source Code			117537	Land at			
	\$ Amount	\$0	\$0	\$306,900	\$0	\$0	\$0	\$306,900
	Percent	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
	ach advance plann		identify source and			st of fund sources	attached.	
1.	Steam Plant Boiler inside the boiler is	r #4, an English boile failing and will not	er, was installed in 20	I Internal Safety Ir	nspection. Although	the manufacturer	cion. The existing reformends replaci	
2.	An estimate of acc	quisition, planning, o	design, site developn	nent, construction	, contingency and o	ther related costs (	attach a completed (	OC-25 form).
3.	An estimated sche	dule for the comple	etion of the project (e	enter dates mm/d	d/yr).			
	Designer Start:	N/A	Constr. Start:	11/13/23	Constr. Complete:	1/31/24		
4.	An estimated sche	dule of cash flow re	equirements over the	life of the projec	t by FY quarters (om	it for advance plan	ning requests).	
		FY/Qtr	FY23-24-Q2	FY23-24-Q3				
		\$ Amount	\$0	\$306,900				
5.		197	ating costs and sour		500		, covering the first fiv	ve years of
		Year	Year 1	Year 2	Year 3	Year 4	Year 5	
		Source	N/A	N/A	N/A	N/A	N/A	
		\$ Amount	\$0	\$0	\$0	\$0	\$0	
6.		TO 100 TO	to be derived from t eneral fund requests)	8 8 8	ng the first five year	s of operation (om	it for advance plannii	ng and non-
		Year	Year 1	Year 2	Year 3	Year 4	Year 5	
		Source	N/A	N/A	N/A	N/A	N/A	
		\$ Amount	\$0	\$0	\$0	\$0	\$0	
7.	identified fund sou	urce, etc.).	ing (i.e. cash reserve	es using the fund s	ources identified ab	ove, campus debt	financing to be retire	d with the
	Utility Savings Car	ry Forward - CF						
8.	This is to cortifue th	at this canital image	ovement request was	s duly authorized	on:		10/18/2023	
ο.	inis is to certify th	iat tilis capital impro	overnent request Was	a daily additionized (			(Date)	
							Tage Charles	
		(Signa	ature)				(Printed name/title)	

	FU	ND SOURCES	
Fund Type Category	Title	Fund Source Code (Reporting Abbreviation)	Description
Appropriations	Appropriations	SA	Funds appropriated by the legislature for capital projects.
R&R	R&R	RR	Funds appropriated by the legislature for campus repairs and renovations in 13 statutorily prescribed categories.
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## Form OC-25

(Rev 12/2022)

#### STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE PROPOSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJECT BIENNIUM 2023-2025

DEPARTMENT and DIVISION:	UNC Greensboro				DATE:	10/18/23	\$
PROJECT IDENTIFICATION:	Steam Plant Boiler #4 Refractor	y Repair					
PROJECT CITY or LOCATION:	Greensboro, NC						
PROJECT DESCRIPTION & JUSTIFICATION							
Steam Plant Boiler #4, an English Boiler, was the boiler is failing and will not pass the next a seven (7) years, it has never been replaced of	Annual Internal Safety Inspection Juring the boiler's 19-year service	n. Although the m e life.	anufacturer	recommend	ds replacing the r	efractory m	naterial every
(Definitions/explanations are provided	on pg 2 to assist in complet	tion of this form	n. Lump s	ums are n	ot to be used a	s a unit o	f cost
unless further substantiating breakdov		CTV/	LIMIT	1 000	F DED LINIT	TC	OTAL
CURRENT ESTIMATED CONSTRUCTION C	:081	QTY	UNIT	005	Γ PER UNIT	10	\$(
<ul><li>A. Land Requirement</li><li>B. Site Preparation</li></ul>				J.,			Ψ
<ul><li>B. Site Preparation</li><li>1. Demolition (Includes removal &amp; r</li></ul>	reinstall of nining lagging etc.)	1	ea	[\$	58,000.00		\$58,000
Site Work	omotali or piping, lagging, oto.,						\$0
C. Construction		L					
Utility Services (describe)							\$0
Building Construction (new space	e)		1				\$0
Building Construction (existing)	×2.						\$0
4. Plumbing (specify existing or new	w space)						\$(
<ol><li>HVAC (specify existing or new specific</li></ol>	pace)						\$(
6. Electrical		1	ea	\$	14,500.00		\$14,500
<ol><li>Fire Supression and Alarm Syste</li></ol>	ems			-			\$0
8. Telephone, Data, Video				<u> </u>			\$( \$(
9. Associated Construction Costs (		1		\$	217,500.00		\$217,500
10. Other (Install new refractory & i	nsulation.)	1	ea	1 9	217,500.00		Ψ217,000
D. Equipment				T			
<ol> <li>Fixed (describe)</li> <li>Moveable (describe)</li> </ol>				+			\$(
Total Cost of Work		l				\$	290,000
Items below may be calculated by perc	entaga or lumn sum If usi	na lumn sum. m	nake entry	in \$ field a	and explain.		
items below may be calculated by perc	entage of fump sum. If using	ng ramp cam, n	iano ontry	4			
DESIGN FEE	0 % (% of Estima	ated Construction Co	osts)			\$	
PRECONSTRUCTION COSTS	0 % (% of Estima			M@Risk])		\$	S=
COMMISSIONING	0 % (0.5% simple		The state of the s			\$	-
SPECIAL INSPECTIONS/MATERIALS	0 % (1.25% estin					\$	S( <del>=</del>
SUSTAINABILITY		Sold, 2% LEED Silve	er)			\$	70=
	400 Y- 03-00-00-00-00-00-00-00-00-00-00-00-00-0		Control Control				911111111111111111111111111111111111111
ADVANCE DI ANNINC		gramming, feasibility ated Construction Co				\$	
ADVANCE PLANNING					(40)		
CONTINGENCIES	5 % (% of Estima	ated Construction Co	osts [3% New	or 5% R&R]	)	\$	14,500
ESTIMATED COSTS (% of Estimated Con	struction Costs + Contingencies + D	esign Fee)				\$	304,500
Escalation = percent per month multiplied by (From Estimate Date as entered above on thi of construction) =		2 months	5.0	% annua on month	lly beginning		
ESCALATION COST INCREASE (Total of Es	stimated Construction Costs x Esc	alation %)		- 1940 av. av 655 070 15-16-5	PROJECTION A		\$2,400
TOTAL ESTIMATED PROJECT COSTS	(Estimated Construction Costs + Escal					\$	306,900
APPROVED BY:	TITLE:					DATE:	

APPROVED BY:

(Governing Board or Agency Head)



254 Mossman Building PO Box 26170, Greensboro, NC 27402-6170 336.334.5200 Phone 336.334.4754 Fax

#### **MEMORANDUM**

TO:

Chancellor Franklin D. Gilliam, Jr.

FROM:

Robert J. Shea, Jr.

DATE:

October 18, 2023

RE:

Approval of Capital Improvement Project -

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A formal reporting of our procedures and your approval will be made at the next meeting of the Board of Trustees. Please acknowledge your approval by your signature below.

Approved

Chancellor

Date: 10/30/23

Attachments

OC-25, dated CI-1, dated

#### The University of North Carolina System Request for Advance Planning, New, or Increase in Capital Improvement Project

	Institution:	UNC Greensboro						
	Project Title:	Steam Plant Boiler	#2 Economizer Rep	lacement				
	255	Advance Planning	Request					
	X	- New Capital Proje	ct					
		Increased Authoria		Code:	Α	Item:		
		•		•		Total:	\$0	
		From:	processor of the second	•		) comment		
	Project Cost:	\$277,500		6	Source of Funds*:	CF		
	Fund Type Catego	ory:						
	Fund Category	Appropriated	R&R	Carry Forward	Student Fees	Trust Funds (incl. donations/gifts)	Debt Service Fees	TOTAL
	Fund Source Code			117537				
	\$ Amount	\$0	\$0	\$277,500	\$0	\$0	\$0	\$277,500
	Percent	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
	A detailed project	ing project or capit description and jus r #2 was installed in to shut down. A 39	tification: 1989 and provides	26% of the overall	plant steam produc	tion. The existing of the control of	economizer has failed r \$35,000 in annual n	d and is leaking, atural gas cost
2.	An estimate of ac	quisition, planning, q	design, site develop	ment, construction	, contingency and o	ther related costs (	(attach a completed C	OC-25 form).
3.	An estimated sche	edule for the comple	etion of the project	(enter dates mm/d	d/yr).			
	Designer Start:	N/A	Constr. Start:	11/13/23	Constr. Complete:	4/30/24		
4.	An estimated sche	edule of cash flow re	equirements over th	ne life of the project	by FY quarters (on	nit for advance plar	nning requests).	
		FY/Qtr	FY23-24 Q2	FY23-24 Q3	FY23-24 Q4			
		\$ Amount	\$0	\$0	\$277,500		]	
5.	An estimate of ma	aintenance and oper or advance planning	rating costs and sou and non-general fu	arce of funding to su and requests, requir	upport these costs, ed for general fund	ncluding personne requests).	l, covering the first fi	ve years of
		Year	Year 1	Year 2	Year 3	Year 4	Year 5	
		Source	N/A	N/A	N/A	N/A	N/A	
		\$ Amount	\$0	\$0	\$0	\$0	\$0	
6.	An estimate of regeneral fund requ	venues, if any, likely lests, required for go	to be derived from eneral fund request	the project, coveri s).	ng the first five yea	rs of operation (om	nit for advance planni	ng and non-
		Year	Year 1	Year 2	Year 3	Year 4	Year 5	
		Source	N/A	N/A	N/A	N/A	N/A	
		\$ Amount	\$0	\$0	\$0	\$0	\$0	
7.	identified fund so		cing (i.e. cash reser	ves using the fund s	ources identified a	oove, campus debt	financing to be retire	ed with the
	Utility Savings Ca	rry Forward - CF						
8.		rry Forward - CF hat this capital impr	ovement request w	ras duly authorized	on:	11 11 12 13	10/18/2023 (Date)	

	10	Tund Source Code	1
Fund Type Category	Title	Fund Source Code (Reporting Abbreviation)	Description
Appropriations	Appropriations	SA	Funds appropriated by the legislature for capital projects.
R&R	R&R	RR	Funds appropriated by the legislature for campus repairs and renovations in 13 statutorily prescribed categories.
Carry forward	Carry Forward	CF	State appropriations carried forward under the 2.5% permitted by legislation. By Session Law, carry forward is considered non-general fund when it is carried forward.
	Athletics Fee	SAF	Fees collected specifically for support of campus student athletics and recreation services.
	Campus Safety Fee	SSF	Fees collected specifically for support of campussafety items such as emergency phones and cameras.
Student Fees	Education and Technology Fee	ETSF	Fees collected specifically for support of education and technology items.
	Health Services Fee	HSF	Fees collected specifically for support of campus student health services.
	Other Student Fees	OSF	Any other student fees authorized and collected for other purposes, but not listed in above categories.
	Athletics	AR	Receipts from ticket sales, gifts, donations, cash reserves, including Athletics Foundation reserves.
	Dining	DR	Receipts from operations, cash reserves.
	Housing	HR	Receipts from operations, cash reserves.
	Transportation and Parking	TR	Receipts from operations, cash reserves.
	Utility Trust Funds	UTF	Receipts from operations, cash reserves from opeation/management of all/any campus utilities (steam, chilled water, etc.).
Trust Funds (including gifts and donations)	Other Auxiliary Trust Funds	OTF	Receipts from operations, cash reserves from other campus auxiliaries not specified above.
	Centennial/Millennial Campus Funds	CMF	Receipts from operations, cash reserves under the Millennial Campus financing act.
	Clinical Receipts	CR	Receipts from operations, cash reserves.
	Facilities and Administrative	FA	Overhead receipts (facilities and administrative overhead) generated from campus research.
	Donations and Gifts	DG	Contributions made by gift, donation, bequest, or other private sources.
	Endowment	ENDF	Funds from the endowment fund of the university.
DebtService	Debt Service Fees	DSF	Debt service fees authorized for specific projects.

### STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE PROPOSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJECT BIENNIUM 2023-2025

FOIII	1		-20	
Rev	12	2/2	02	2)

DEDAR	RTMENT and DIVISION:	UNC Greensboro					DATE: _	10/18/23	
	CT IDENTIFICATION:	Steam Plant Boiler #2	2 Economizer F	Replacement		-			
DDA IE	CT CITY or LOCATION:	Greensboro, NC							
PRO IF	CT DESCRIPTION & JUSTIFICATION	N: (Attach add'l data as i	necessary to indi	cate need, size,	function of in	mprovements	as well as a master	plan.)	
Ctoom	Dlant Pailor #2 was installed in 1989	and provides 26% of the	ne overall plant	steam product	tion. The e	xisting ecor	omizer has failed	and is leaf	king,
Caucin	the boiler to shut down. A 3% effici	ency gain is expected v	with the new ed	conomizer, whi	ch equates	to over \$35	,000 in annual na	tural gas c	ost savings.
(Defin	itions/explanations are provide	d on pg 2 to assist in	n completion	of this form	. Lump s	ums are n	ot to be used as	a unit o	f cost
unless	further substantiating breakdo	own is provided.)							- Li
CURRE	ENT ESTIMATED CONSTRUCTION	COST		QTY	UNIT	COS	PER UNIT	IC	STAL \$0
A.	Land Requirement				П	1			φυ
B.	Site Preparation	51 102 00		41		1 6	39,000.00		\$39,000
	1. Demolition (Includes window re	moval and reinstallatio	n.) _	3	ea	\$	39,000.00		\$0
120	2. Site Work								Ψů
C.	Construction		Г			1			\$0
	Utility Services (describe)	\	-						\$0
	Building Construction (new spanner)     Building Construction (existing)		-			_			\$0 \$0 \$0 \$0
	<ol> <li>Building Construction (existing)</li> <li>Plumbing (specify existing or new property)</li> </ol>		F	10.					\$0
	<ol> <li>Plumbing (specify existing or new)</li> <li>HVAC (specify existing or new)</li> </ol>		t						\$0
	6. Electrical	<b>J</b>	Ī	1	ea	\$	13,000.00		\$13,000
	7. Fire Supression and Alarm Sys	tems							\$0
	8. Telephone, Data, Video								\$0 \$0
	9. Associated Construction Costs	(describe)	1			1	E0 000 00		\$52,000
	<ol><li>Other (Steel Supports &amp; Cran</li></ol>	e Rental)		1	ea	\$	52,000.00		\$52,000
D.	Equipment		Г	1	00	1\$	156,000.00		\$156,000
	Fixed (New Economizer)		-		ea	1 4	100,000.00		\$0
	Moveable (describe)		L					\$	260,000
Total	Cost of Work below may be calculated by pe	was to as ar lump si	ım İfueina	lumn sum m	ake entry	in \$ field	and explain.		
Items	below may be calculated by pe	rcentage of fullip st	illi. II usilig i	iump sum, m	iano ontri		7.00.00m		
DEGIC	SN FEE	0 %	(% of Estimated	Construction Co	osts)			\$	( <del>=</del> )
	ONSTRUCTION COSTS		(% of Estimated			CM@Risk])		\$	-
	MISSIONING		(0.5% simple; 1.					\$	
	IAL INSPECTIONS/MATERIALS		(1.25% estimate					\$	-
	AINABILITY	0 %	(3% LEED Gold	, 2% LEED Silve	er)			\$	-
0001	AND ASILIT.		Includes program	mmina feasihilit	v analysis				
۸۵۷۸	NCE PLANNING	0 %	(% of Estimated					\$	s <del>=</del> .
						u ar 50/ D9D	11	\$	13,000
CONT	INGENCIES	5 %	(% of Estimated	Construction Co	osts (3% ive	W 01 370 K & N	1)		
ESTIN	MATED COSTS (% of Estimated C	onstruction Costs + Conti	ngencies + Desig	jn Fee)				\$	273,000
Escala	ation = percent per month multiplied b	y number of months				** ***********			
(From	Estimate Date as entered above on	this form to mid-point	4	months	5		ally beginning		
	nstruction) =					on mont	n 1		\$4,500
ESCA	LATION COST INCREASE (Total of	Estimated Construction	Costs x Escalat	tion %)					
TOT	AL ESTIMATED PROJECT COSTS	(Estimated Construction	Costs + Escalation	n Cost Increase)				\$	277,500
1017	IL EQUIMATED PROJECT COST	(Laumated Constitution	, costo - Loudiduo						the same of the sa
ΔPPR(	OVED BY:	<u>TITI</u>	LE:					DATE:	

(Governing Board or Agency Head)



254 Mossman Building PO Box 26170, Greensboro, NC 27402-6170 336.334.5200 *Phone* 336.334.4754 *Fax* 

#### **MEMORANDUM**

TO:

Chancellor Franklin D. Gilliam, Jr.

FROM:

Robert J. Shea, Jr.

DATE:

10/18/2023

RE

Approval of Capital Improvement Project - Baseball Stadium Netting Installation

At the August 15, 2023 meeting of the Board of Trustees, the Board delegated authority to the Chancellor, ex-officio, to approve capital improvement projects designed, constructed and operated by non-appropriated fund moneys, with a total project budget between \$100,000 and \$500,000, and authorized the Chancellor to report all such approvals to the Board at its next meeting.

Installation of safety netting along the First Base and Third Base Foul Lines of the University's Baseball Stadium for the protection and safety of patrons. The project plans to install galvanized aluminum poles in concrete footings to support the cable and netting system components. A vendor quote was obtained in 2022 for budget planning. All work to be designed and installed by specialty vendor.

The total budget of \$120,000 for the **Baseball Stadium Netting Installation** project will be within the \$100,000 to \$500,000 threshold for Projects. We recommend approval of this capital improvement project.

A formal reporting of our procedures and your approval will be made at the next meeting of the Board of Trustees. Please acknowledge your approval by your signature below.

Approved:

Chancellor

Date:

10/30/23

Attachments

OC-25, dated 10/18/2023 CI-1, dated 10/18/2023

#### The University of North Carolina System Request for Advance Planning, New, or Increase in Capital Improvement Project

Project Title:	Baseball Stadium N Advance Planning New Capital Project						
X		D			The state of		
Х	New Capital Projec	Request					
0 I		st					
	Increased Authoriz	zation:	Code:		Item:		
	— From:			. 15		\$0	
Duolost Costs			_	Source of Funds*:			
Project Cost:	\$120,000		•	Jource of Fullus .	AN - Athletics		
Fund Type Cate	W 00 00 00	1821202		200	Trust Funds (incl.		TOTAL
Fund Category	Appropriated	R&R	Carry Forward	Student Fees	donations/gifts)	Debt Service Fees	TOTAL
Fund Source Coo	le			authorities (	AR		
\$ Amount	\$0	\$0	\$0	\$0	\$120,000	\$0	\$120,000
Percent	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	100.0%
The project plan	afety netting along the ns to install galvanized 2 for budget planning.	aluminum poles in	concrete footings to	support the cable	e and netting systen	the protection and sa n components. A ven	atety of patrons dor quote was
. An estimate of a	acquisition, planning, o	design, site develop	ment, construction,	contingency and	other related costs (	attach a completed O	C-25 form).
. An estimated so	hedule for the comple	etion of the project	(enter dates mm/dd	/yr).			
Designer Start:	11/1/23	Constr. Start:	2/15/24	Constr. Complete:	3/15/24		
. An estimated so	hedule of cash flow re	quirements over th	e life of the project	by FY quarters (or	nit for advance plan	ning requests).	
	FY/Qtr	FY23-24 / Q1	FY23-24 / Q2	FY23-24 / Q3	FY23-24 / Q4		
	\$ Amount	\$0	\$20,000	\$100,000	\$0		
An estimate of a operation (omit	maintenance and oper	ating costs and sou and non-general fu	rce of funding to sup nd requests, require	oport these costs, ed for general fund	including personnel requests).	, covering the first fiv	e years of
	Year	Year 1	Year 2	Year 3	Year 4	Year 5	
	Source	N/A	N/A	N/A	N/A	N/A	
	\$ Amount	\$0	\$0	\$0	\$0	\$0	
	revenues, if any, likely quests, required for ge			g the first five yea	rs of operation (om	it for advance plannir	ng and non-
	Year	Year 1	Year 2	Year 3	Year 4	Year 5	
	Source	N/A	N/A	N/A	N/A	N/A	
	\$ Amount	\$0	\$0	\$0	\$0	\$0	
	of the means of finance	ing (i.e. cash reserv	ves using the fund so	ources identified a	bove, campus debt	financing to be retired	d with the
. An explanation identified fund							
	source, etc.).						
identified fund	source, etc.).						
identified fund	source, etc.).	ovement request w	as duly authorized o	n:			
identified fund	source, etc.). rust Funds	ovement request w	as duly authorized o	n:		(Date)	
identified fund	source, etc.). rust Funds	ovement request w	as duly authorized o	n:		(Date)	

	FO .	ND SOURCES	
Fund Type Category	Title	Fund Source Code (Reporting Abbreviation)	Description
Appropriations	Appropriations	SA	Funds appropriated by the legislature for capital projects.
R&R	R&R	RR	Funds appropriated by the legislature for campus repairs and renovations in 13 statutorily prescribed categories.
Carry forward	Carry Forward	CF	State appropriations carried forward under the 2.5% permitted by legislation. By Session Law, carry forward is considered non-general fund when it is carried forward.
	Athletics Fee	SAF	Fees collected specifically for support of campus student athletics and recreation services.
	Campus Safety Fee	SSF	Fees collected specifically for support of campussafety items such as emergency phones and cameras.
Student Fees	Education and Technology Fee	ETSF	Fees collected specifically for support of education and technology items.
	Health Services Fee	HSF	Fees collected specifically for support of campus student health services.
	Other Student Fees	OSF	Any other student fees authorized and collected for other purposes, but not listed in above categories.
	Athletics	. AR	Receipts from ticket sales, gifts, donations, cash reserves, including Athletics Foundation reserves.
	Dining	DR	Receipts from operations, cash reserves.
	Housing	HR	Receipts from operations, cash reserves.
	Transportation and Parking	TR	Receipts from operations, cash reserves.
	Utility Trust Funds	UTF	Receipts from operations, cash reserves from opeation/management of all/any campus utilities (steam, chilled water, etc.).
Trust Funds (including gifts and donations)	Other Auxiliary Trust Funds	OTF	Receipts from operations, cash reserves from other campus auxiliaries not specified above.
	Centennial/Millennial Campus Funds	CMF	Receipts from operations, cash reserves under the Millennial Campus financing act.
	Clinical Receipts	CR	Receipts from operations, cash reserves.
	Facilities and Administrative	FA	Overhead receipts (facilities and administrative overhead) generated from campus research.
	Donations and Gifts	DG	Contributions made by gift, donation, bequest, or other private sources.
	Endowment	ENDF	Funds from the endowment fund of the university.
DebtService	Debt Service Fees	DSF	Debt service fees authorized for specific projects.

#### Form OC-25 (Rev 12/2022)

## STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE

PROPOSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJECT BIENNIUM 2023-2025

	TMENT and DIVISION:	UNC Greensboro			e.	DATE:	10/18/23	
PROJECT IDENTIFICATION: Baseball Stadium Netting Installation								
	CT CITY or LOCATION:	Greensboro						
	CT DESCRIPTION & JUSTIFICATION							
Installat	ion of safety netting along the First Ba	ase and Third Base Foul Lin	es of the University's B	aseball Stad	lium for the prot	ection and s	atety of patro	ons. The
project p	plans to install galvanized aluminum p	ooles in concrete footings to	support the cable and i	netting syste	em components.	A vendor q	luote was ob	tained in
	r budget planning. All work to be des					ha waad a	a a unit of	
	tions/explanations are provided		ipletion of this form.	. Lump su	ms are not to	pe used as	s a unit or t	2021
	further substantiating breakdow NT ESTIMATED CONSTRUCTION (		QTY	UNIT	COST PER	RUNIT	TOT	AL
	Land Requirement	7001	3		1111174 85.20	N. T. J. V.	11/11/11/11/11	\$0
	Site Preparation		L					
	1. Demolition							\$0
	<ol><li>Site Work (Installation of Netting S</li></ol>	System and support structure	e per 2	EA	\$	50,000.00		\$100,000
	side.)				Ť			
	Construction		г		T			\$0
	Utility Services	21						\$0
	Building Construction (new space)     Building Construction (avieting)	e)						\$0
	<ol> <li>Building Construction (existing)</li> <li>Plumbing (specify existing or net</li> </ol>	w cnacal						\$0
	<ol> <li>HVAC (specify existing or new specify)</li> </ol>							\$0
	6. Electrical	54.55)						\$0
	7. Fire Supression and Alarm Syste	ems						\$0
	8. Telephone, Data, Video							\$0
	9. Associated Construction Costs					0.000.00		\$0
	<ol><li>Other (Utility Location)</li></ol>		1	EA	\$	3,000.00		\$3,000
	Equipment				r			\$0
	Fixed (describe)     Mayrephle (describe)							\$0
	Moveable (describe)      sost of Work						\$	103,000
	below may be calculated by perc	entage or lumn sum. If	usina lump sum. m	ake entry i	n \$ field and e	ı explain.	<b>3</b> .0	
items i	below may be calculated by perc	terrage or rump sum. II	using rump sum, m	ano ontry i	•			
DESIGN	N FEE	10 % (% of E	stimated Construction Co	sts)			\$	10,300
	NSTRUCTION COSTS	0 % (% of E	Estimated Construction Co	sts [1% for CN	M@Risk])		\$	-
	SSIONING	0 % (0.5% s	simple; 1.0% moderate; 1.	5% complex)			\$	.72
SPECIA	AL INSPECTIONS/MATERIALS	0 % (1.25%	estimated)				\$	-
SUSTA	INABILITY	0 % (3% LE	ED Gold, 2% LEED Silver	·)			\$	-
		Include	es programming, feasibility	. analysis				
ADVAN	CE PLANNING		stimated Construction Co				\$	-
	NGENCIES		Estimated Construction Co		or 5% R&R])		\$	5,150
	-	struction Costs + Contingencie					\$	118,450
	ion = percent per month multiplied by							
(From E	estimate Date as entered above on the truction) =		5 months	5.0	% annually be on month 1	ginning		
	ATION COST INCREASE (Total of E	stimated Construction Costs x	Escalation %)					\$2,146
	ESTIMATED PROJECT COSTS	(Estimated Construction Costs +					\$	120,000
ADDDOV	ED DV:	TITLE:					DATE:	
APPROV	(Coversing Board or Agency Head)	111 lates					*	



254 Mossman Building PO Box 26170, Greensboro, NC 27402-6170 336.334.5200 *Phone* 336.334.4754 *Fax* 

#### **MEMORANDUM**

TO:

Chancellor Franklin D. Gilliam, Jr.

FROM:

Robert J. Shea, Jr.

DATE:

October 10, 2023

RE:

Approval of Capital Improvement Project -

Moore Strong Residence Hall Generator Replacement

At the August 15, 2023 meeting of the Board of Trustees, the Board delegated authority to the Chancellor, ex-officio, to approve capital improvement projects designed, constructed and operated by non-appropriated fund moneys, with a total project budget between \$100,000 and \$500,000, and authorized the Chancellor to report all such approvals to the Board at its next meeting.

Project Description: The existing 30kW generator was originally installed in 1994 and is one of the oldest generators serving a residence hall. Since its original installation, a second transfer switch was added in 2016 serving new life safety loads in the building adding to this system's importance. The generator is beyond its useful life and is need of replacement.

The total budget of \$470,000 for the Moore Strong Residence Hall Generator Replacement Project will be within the \$100,000 to \$500,000 threshold for Projects. We recommend approval of this capital improvement project.

A formal reporting of our procedures and your approval will be made at the next meeting of the Board of Trustees. Please acknowledge your approval by your signature below.

Approved

Chancellor

Dotos

Attachments

OC-25, dated CI-1, dated

## The University of North Carolina System Request for Advance Planning, New, or Increase in Capital Improvement Project

	Institution:	UNC Greensboro						
	Project Title:	Moore Strong Resid	dence Hall Generat	tor Replacement		147		
		Advance Planning						
	X	- New Capital Projec	o <b>t</b>					
		Increased Authoriz		Code:		Item:		
			ation.	and the second of		<del>-</del>		
		From:		- To:		- lotai:	\$0	
	Project Cost:	\$470,000		-	Source of Funds*	: Housing - HR		
	Fund Type Catego	ory:						
	Fund Category	Appropriated	R&R	Carry Forward	Student Fees	Trust Funds (incl. donations/gifts)	Debt Service Fees	TOTAL
	Fund Source Code					HR		
	\$ Amount	\$0	\$0	\$0	\$0	\$470,000	\$0	\$470,000
	Percent	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	100.0%
1.	The existing 30kW second transfer so useful life and is r	witch was added in 2 need of replacement.	nally installed in 1 016 serving new li	fe safety loads in the	e building adding t	to this system's impo	e hall. Since its origin ortance. The generato	or is beyond its
2.	An estimate of ac	quisition, planning, d	lesign, site develop	oment, construction	, contingency and	other related costs (	attach a completed (	OC-25 form).
3.	An estimated sche	edule for the comple	tion of the project	(enter dates mm/d	d/yr).			
	Designer Start:	1/1/24	Constr. Start:	8/1/24	Constr. Complete	:4/1/25	1	
4.	An estimated sche	edule of cash flow re	quirements over tl	he life of the project	by FY quarters (o	mit for advance plar	nning requests).	
		FY/Qtr	FY23-24-Q3	FY23-24-Q4	FY24-25-Q1	FY24-25-Q2		
		\$ Amount	\$20,000	\$20,000	\$60,000	\$185,000		
		FY/Qtr	FY24-25-Q3				ļ	
		\$ Amount	\$185,000					
5.	An estimate of ma	aintenance and oper or advance planning	ating costs and sou and non-general fu	urce of funding to su und requests, requir	ipport these costs, ed for general fun	, including personne d requests).	l, covering the first fi	ve years of
		Year	Year 1	Year 2	Year 3	Year 4	Year 5	
		Source	N/A	N/A	N/A	N/A	N/A	
		\$ Amount	\$0	\$0	\$0	\$0	\$0	
6.	An estimate of regeneral fund requ	venues, if any, likely lests, required for ge	to be derived from neral fund request	the project, coveri cs).	ng the first five ye	ars of operation (om	it for advance planni	ng and non-
		Year	Year 1	Year 2	Year 3	Year 4	Year 5	
		Source	N/A	N/A	N/A	N/A	N/A	
		\$ Amount	\$0	\$0	\$0	\$0	\$0	
7.	identified fund so	urce, etc.).		ves using the fund s	ources identified a	above, campus debt	financing to be retire	d with the
	Housing - HR. Rec	eipts from operation	s, cash reserves					
8.	This is to cortify the	hat this capital impro	wement request w	as duly authorized	on:			
٥.	inis is to certify ti	nac uno capital impre	vernent request w	as adiy addionzed			(Date)	
		(Signa					(Printed name/title)	

	10	Fund Source Code	
		it .	:
Eund Tuno Cotogony	Title	(Reporting	Description
Fund Type Category	Title	Abbreviation)	Description
Appropriations	Appropriations	SA	Funds appropriated by the legislature for capital projects.
R&R	R&R	RR	Funds appropriated by the legislature for campus repairs and renovations in 13 statutorily prescribed categories.
Carry forward	Carry Forward	CF	State appropriations carried forward under the 2.5% permitted by legislation. By Session Law, carry forward is considered non-general fund when it is carried forward.
	Athletics Fee	SAF	Fees collected specifically for support of campus student athletics and recreation services.
	Campus Safety Fee	SSF	Fees collected specifically for support of campussafety items such as emergency phones and cameras.
Student Fees	Education and Technology Fee	ETSF	Fees collected specifically for support of education and technology items.
	Health Services Fee	HSF	Fees collected specifically for support of campus student health services.
	Other Student Fees	OSF	Any other student fees authorized and collected for other purposes, but not listed in above categories.
	Athletics	AR	Receipts from ticket sales, gifts, donations, cash reserves, including Athletics Foundation reserves.
	Dining	DR	Receipts from operations, cash reserves.
	Housing	HR	Receipts from operations, cash reserves.
	Transportation and Parking	TR	Receipts from operations, cash reserves.
	Utility Trust Funds	UTF	Receipts from operations, cash reserves from opeation/management of all/any campus utilities (steam, chilled water, etc.).
Trust Funds (including gifts and donations)	Other Auxiliary Trust Funds	OTF	Receipts from operations, cash reserves from other campus auxiliaries not specified above.
	Centennial/Millennial Campus Funds	CMF	Receipts from operations, cash reserves under the Millennial Campus financing act.
	Clinical Receipts	CR	Receipts from operations, cash reserves.
	Facilities and Administrative	FA	Overhead receipts (facilities and administrative overhead) generated from campus research.
	Donations and Gifts	DG	Contributions made by gift, donation, bequest, or other private sources.
	Endowment	ENDF	Funds from the endowment fund of the university.
DebtService	Debt Service Fees	DSF	Debt service fees authorized for specific projects.

# STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE

Form OC-25 (Rev 12/2022)

## PROPOSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJECT BIENNIUM 2023-2025

[기가 마음 : [1] : [1	UNC Greensboro				<b>-</b> #	DATE:	10/10/23	
PROJECT IDENTIFICATION: Moore Strong Residence Hall Generator Replacement								
	Greensboro							
PROJECT DESCRIPTION & JUSTIFICATION								
The existing 30kW generator was originally in second transfer switch was added in 2016 set	stalled in 1994 and rving new life safet\	is one of the old / loads in the bui	lest generators Idina addina to	serving a r this systen	esidence ha n's importan	ill. Since its origin ce. The generato	ıal installatio ır is bevond i	n, a its useful
life and is need of replacement.	,		gg		р	oor rine genierate	20,0	
(Definitions/explanations are provided	on pg 2 to assist	in completion	of this form	Lump s	ums are no	t to be used as	s a unit of	cost
unless further substantiating breakdow CURRENT ESTIMATED CONSTRUCTION C		T	QTY	UNIT	COST	PER UNIT	TOT	ΔΙ
A. Land Requirement	001	1	QIII	ONT	0001	T LIX OIVIT	101	\$0
B. Site Preparation		L			d			ΨΟ
<ol> <li>Demolition - Removal of Existing</li> </ol>	Generator	Γ	1	LS	\$	20,000.00		\$20,000
2. Site Work			1	LS	\$	17,500.00		\$17,500
C. Construction		-						
<ol> <li>Utility Services (describe)</li> </ol>		_						\$0
Building Construction (new space	·)							\$0
Building Construction (existing)	3	_						\$0 \$0
Plumbing (specify existing or new								\$0
<ul><li>5. HVAC (specify existing or new sp</li><li>6. Electrical (New Generator)</li></ul>	ace)	-	70000			1.50		\$0
<ul><li>6. Electrical (New Generator)</li><li>7. Fire Supression and Alarm System</li></ul>	ma	_	72000 72000	SF	\$	4.50		\$324,000
Trie Supression and Alarm System     Telephone, Data, Video	115	-	72000	SF SF	\$	0.25 0.25		\$18,000
Associated Construction Costs (d.	escribe)	-	72000	- OF	Ψ	0.25		\$18,000 \$0
Other (describe and insert additi		ed)			<del> </del>			\$0
D. Equipment	onar imoo do noode	,w)						ΨΟ
1. Fixed (describe)			T		T			\$0
2. Moveable (describe)		-						\$0
Total Cost of Work		·1				7	\$	397,500
Items below may be calculated by perce	entage or lump s	um. If using lu	ump sum, ma	ke entry i	n \$ field ar		<del></del>	
DESIGN FEE	10 %	(% of Estimated (	Construction Cos	te)			\$	39,750
PRECONSTRUCTION COSTS		(% of Estimated (			M@Rickl \		\$	-
COMMISSIONING		(0.5% simple; 1.0			vi@rtiskj /	L	\$	
SPECIAL INSPECTIONS/MATERIALS		(1.25% estimated		70 complex)		<u></u>	\$	4,969
SUSTAINABILITY		(3% LEED Gold, 2					\$	4,000
				natural de la constant		F	Ψ	
ADVANCE PLANNING	0 %	Includes program (% of Estimated 0					\$	-
CONTINGENCIES		(% of Estimated C		•	or 5% R&R1)		\$	-
ESTIMATED COSTS (% of Estimated Const		***************************************			1,		\$	442,219
ESTIMATED COSTS (% of Estimated Const Escalation = percent per month multiplied by nu		ngencies + Design	ree)			Ľ	<u></u>	442,219
(From Estimate Date as entered above on this					0/ appualls	beginning		
of construction) =	ioini to mia-point	16	months	5.0	on month			
ESCALATION COST INCREASE (Total of Esti	mated Construction	Costs x Fecalation	n %)		on monu	•		\$27,437
						L		
TOTAL ESTIMATED PROJECT COSTS	(Estimated Construction	Costs + Escalation (	Cost Increase)			L	\$	470,000
APPROVED BY:	TITI	F·					DATE:	

(Governing Board or Agency Head)



254 Mossman Building PO Box 26170, Greensboro, NC 27402-6170 336.334.5200 Phone 336.334.4754 Fax

#### **MEMORANDUM**

TO:

Chancellor Franklin D. Gilliam, Jr.

FROM:

Robert J. Shea, Jr.

DATE:

October 10, 2023

RE:

Approval of Capital Improvement Project -

Moran Commons - NW Exterior Wall Repair

At the August 15, 2023 meeting of the Board of Trustees, the Board delegated authority to the Chancellor, ex-officio, to approve capital improvement projects designed, constructed and operated by nonappropriated fund moneys, with a total project budget between \$100,000 and \$500,000, and authorized the Chancellor to report all such approvals to the Board at its next meeting.

Project Description: Drainage issues and foundation settlement at three areas around the NW Plaza at Moran Commons have created water infiltration issues, including into the mechanical room and adjacent space, along with damage to the metal decking, cracks and efflorescence in plaza walls, and structural instability. An assessment was performed in 2022 to assess scope and estimate cost. The scope of the project is to repair and stabilize cracking by structurally shoring up the foundation, masonry cleaning and repair, and install additional drains and correct drainage piping, repair pavers and reshape the slab to provide proper drainage paths. Areas of existing storefront also need to be replaced.

The total budget of \$400,000 for the Moran Commons - NW Exterior Wall Repair Project will be within the \$100,000 to \$500,000 threshold for Projects. We recommend approval of this capital improvement project.

A formal reporting of our procedures and your approval will be made at the next meeting of the Board of Trustees. Please acknowledge your approval by your signature below.

Date: 10/30/23

Attachments

OC-25, dated CI-1, dated

### The University of North Carolina System Request for Advance Planning, New, or Increase in Capital Improvement Project

Project Title:   Moran Commons - NW Exterior Wall Repair   Advance Planning Request   X   New Capital Project   Increased Authorization:   Code:     Item:   So   From:   Total:   \$0   Project Cost:   \$40,000   Source of Funds*: DR - Dining Trust Funds (Incl.   Source of Funds of Project Cost:   \$40,000   Source of Funds*: DR - Dining Trust Funds (Incl.   Source of Funds of Project Cost:   Source Code   Total:   Source of Funds of Project Cost:   Source Code   Total:   Total:   Source Code   Total:   Total:   Total:   Source Code   Total:		Institution:	UNC Greensboro						
New Capital Project   Increased Authorization:   Code:   Item:   50		Project Title:	Moran Commons -	NW Exterior Wall	Repair		10%	<u>.</u> :	
Increased Authorization:   Code:   Item:   S0		***************************************	Advance Planning	Request					
From: To: To: Total: 50  Project Cost: \$400,000 Source of Funds*t: DR - Dining Trust Funds  Fund Type Category:  Fund Category Appropriated R&R Carry Forward Student Fees Total Funds (Incl. donations/gifts)  Fund Source Code SAmount SO SO SO SO SO SOU.  Fund Source Code SAmount SO SO SO SO SO SOU.  Fercent 0.0% 0.0% 0.0% 0.0% 0.0% 100.0% 100.0% 100.0% 100.0% 100.0%  *If multiple funding sources are used, identify source and distribution across sources. Refer to list of fund sources attached.  For each advance planning project or capital construction project, please provide the following:  1. A detailed project description and justification:  Drainage issues and foundation settlement at three areas around the NW Plaza at Moran Commons have created water infiltration issues, includi the mechanical room and adjacent space, along with damage to the metal decking, cracks and efflorescence in plaza walls, and structural instability assessment was performed in 2022 to assess scope and estimate cost. The scope of the project is to repair and stabilize cracking by structurally still up the foundation, masonsy cleaning and repair, and instabilidational drains and correct drainage piping, repair pavers and reshape the slab to purpoper drainage paths. Areas of existing storefront also need to be replaced.  2. An estimated of acquisition, planning, design, site development, construction, contingency and other related costs (attach a completed OC-25 form 1.2 period to the project (enter dates mm/dd/yr).  Designer start: 11/1/23 Constr. Start: 5/15/24 Constr. Complete: 8/1/24  4. An estimated schedule for the completion of the project (enter dates mm/dd/yr).  Designer start: 11/1/23 Constr. Start: 5/15/24 Constr. Complete: 8/1/24-25-Q1  S Amount S 20.000 S 20.000 S 20.000 S 20.000 S 20.000 S 20.000  FY/Qtr P/23-24-Q2 FY23-24-Q3 FY23-24-Q4 FY24-25-Q1  S Amount S 20.000 S 20.000 S 20.000 S 20.000 S 20.000 S 20.000  FY/Qtr P/23-24-Q3 FY23-24-Q4 FY24-25-Q1  S An estimate of maintenance and operating costs and source of funding to		х	- New Capital Projec	i <b>t</b>					
From: To: To: Total: 50  Project Cost: \$400,000 Source of Funds*t: DR - Dining Trust Funds  Fund Type Category:  Fund Category Appropriated R&R Carry Forward Student Fees Total Funds (Incl. donations/gifts)  Fund Source Code SAmount SO SO SO SO SO SOU.  Fund Source Code SAmount SO SO SO SO SO SOU.  Fercent 0.0% 0.0% 0.0% 0.0% 0.0% 100.0% 100.0% 100.0% 100.0% 100.0%  *If multiple funding sources are used, identify source and distribution across sources. Refer to list of fund sources attached.  For each advance planning project or capital construction project, please provide the following:  1. A detailed project description and justification:  Drainage issues and foundation settlement at three areas around the NW Plaza at Moran Commons have created water infiltration issues, includi the mechanical room and adjacent space, along with damage to the metal decking, cracks and efflorescence in plaza walls, and structural instability assessment was performed in 2022 to assess scope and estimate cost. The scope of the project is to repair and stabilize cracking by structurally still up the foundation, masonsy cleaning and repair, and instabilidational drains and correct drainage piping, repair pavers and reshape the slab to purpoper drainage paths. Areas of existing storefront also need to be replaced.  2. An estimated of acquisition, planning, design, site development, construction, contingency and other related costs (attach a completed OC-25 form 1.2 period to the project (enter dates mm/dd/yr).  Designer start: 11/1/23 Constr. Start: 5/15/24 Constr. Complete: 8/1/24  4. An estimated schedule for the completion of the project (enter dates mm/dd/yr).  Designer start: 11/1/23 Constr. Start: 5/15/24 Constr. Complete: 8/1/24-25-Q1  S Amount S 20.000 S 20.000 S 20.000 S 20.000 S 20.000 S 20.000  FY/Qtr P/23-24-Q2 FY23-24-Q3 FY23-24-Q4 FY24-25-Q1  S Amount S 20.000 S 20.000 S 20.000 S 20.000 S 20.000 S 20.000  FY/Qtr P/23-24-Q3 FY23-24-Q4 FY24-25-Q1  S An estimate of maintenance and operating costs and source of funding to		\.	- Increased Authoriz	ation:	Code:		Item:		
Fund Type Category:  Fund Category  Appropriated R&R Carry Forward Student Fees Trust Funds (incl. donations/gifts)  Fund Source Code  S Amount 50 50 50 50 50 50 50, 5400,000 50 5400,000  Percent 0.0% 0.0% 0.0% 0.0% 0.0% 100.0% 100.0% 100.0%  *If multiple funding sources are used, identify source and distribution across sources. Refer to list of fund sources attached.  For each advance planning project or capital construction project, please provide the following:  A destailed project description and justification:  Drainage issues and foundation settlement at three areas around the NW Plaza at Moran Commons have created water infiltration issues, including the mechanical room and adjacent space, along with damage to the metal decking, cracks and efflorescence in plaza walls, and structurally study the foundation, masonry cleaning and repair, and install additional drains and correct drainage piping, repair pawers and reshape the slab to purpoper drainage paths. Areas of existing storieront also need to be replaced.  An estimate of acquisition, planning, design, site development, construction, contingency and other related costs (attach a completed OC-25 form 3. An estimated schedule of cash flow requirements over the life of the project by PY quarters (omit for advance planning requests).  Pesigner Start: 11/1/23 Constr. Start: 5/15/24 Constr. Complete: 8/1/24  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 (omit for advance planning and non-general fund requests, required for general fund requests).  Year Year1 Year2 Year3 Year3 Year3 Year4 Year5  Source N/A N/A N/A N/A N/A N/A N/A N/A N/A Source Year Source Planning and nor general fund requests, required for general fund requests, req			- From:		in the second			\$0	
Fund Type Category:  Fund Category Appropriated R&R Carry Forward Student Fees donations/gifts)  Fund Source Code  5 Amount SO 50 50 50 50 \$400,000 50 \$400,000  Percent 0.0% 0.0% 0.0% 0.0% 0.0% 100.0% 0.0% 100.00% 0.0% 100.00%  *If multiple funding sources are used, identify source and distribution across sources. Refer to list of fund sources attached.  For each advance planning project or capital construction project, please provide the following:  1. A detailed project description and justification:  1. Drainage issues and foundation settlement at three areas around the NW Plaza at Moran Commons have created water infiltration issues, includit the mechanical room and adjacent space, along with damage to the metal decking, cracks and efflorescence in plaza walls, and structural instability assessment was performed in 202 to assess open and estimate cost. The scope of the projects to repair and stability assessment or spair and stability assessment or spair and stability assessment or spair and stability or perior drainage paths. Areas of existing storefront also need to be replaced.  2. An estimate of acquisition, planning, design, site development, construction, contingency and other related costs (attach a completed OC-25 form An estimated schedule for the completion of the projects (enter dates mm/dd/yr).  Designer Start: 11/12/23 Constr. Start: 5/15/24 Constr. Complete: 8/1/24  4. An estimated schedule of cash flow requirements over the life of the project by FY quarters (omit for advance planning requests).  FY/Qtr F723-24-Q2 F723-24-Q3 F723-24-Q3 F723-24-Q4 F724-25-Q1  \$ Amount \$20,000 \$20,000 \$180,000 \$180,000 \$180,000  \$ Samount \$20,000 \$20,000 \$180,000 \$180,000 \$180,000  \$ Samount \$20,000 \$20,000 \$20,000 \$180,000 \$180,000 \$180,000  \$ An estimate of maintenance and operating costs and source of funding to support these costs, including personnel, covering the first five years of operation (omit for advance planning and non-general fund requests, required for general fund requests, or part of the means		Dualant Coats	Alternative and the second	=	# ************************************		<b>■</b> :		
Fund Source Code   SAmount   S0   S0   S0   S0   S400,000   S0   S400,000   S0   S400,000   Percent   0.0%					-	Source of Fullus .	DK - Dillillig Trust F	unus	
Fund Source Code  \$ Amount \$ 0 \$ 50 \$ 50 \$ 50 \$ 4400,000 \$ 50 \$ 50 \$ 50 \$ 50 \$ 50 \$ 50 \$ 5			1	202		Charles Free	Trust Funds (incl.	Dalet Camilas Face	TOTAL
SAmount SO			Appropriated	R&R	Carry Forward	Student Fees		Debt Service Fees	IOIAL
Percent 0.0% 0.0% 0.0% 0.0% 100.0% 100.0% 100.0% 100.0% 100.00			40	40	40	40		Ć0.	¢400,000
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For each advance planning project or capital construction project, please provide the following:  1. A detailed project description and justification:  Drainage issues and foundation settlement at three areas around the NW Plaza at Moran Commons have created water infiltration issues, including the mechanical room and adjacent space, along with damage to the metal decking, cracks and efflorescence in plaza walls, and structural instabilia assessment was performed in 2022 to assess scope and estimate cost. The scope of the project is to repair and stabilize cracking by structurally stup the foundation, masonry cleaning and repair, and install additional drains and correct drainage piping, repair pavers and reshape the slab to purpoper drainage paths. Areas of existing storefront also need to be replaced.  2. An estimate of acquisition, planning, design, site development, construction, contingency and other related costs (attach a completed OC-25 form and a stabilize cracking by structurally study of the project development in the pr		Percent	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	100.0%
3. An estimated schedule for the completion of the project (enter dates mm/dd/yr).  Designer Start: 11/1/23 Constr. Start: 5/15/24 Constr. Complete: 8/1/24  4. An estimated schedule of cash flow requirements over the life of the project by FY quarters (omit for advance planning requests).  FY/Qtr FY23-24-Q2 FY23-24-Q3 FY23-24-Q4 FY24-25-Q1 \$ Amount \$20,000 \$20,000 \$180,000 \$180,000  FY/Qtr   FY/Qtr   FY/Qtr    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 (omit for advance planning and non-general fund requests, required for general fund requests).  Year Year 1 Year 2 Year 3 Year 4 Year 5 Source N/A N/A N/A N/A N/A N/A N/A N/A  \$ Amount \$ 50 \$ 50 \$ 50 \$ 50 \$ 50 \$ 50 \$ 50 \$ 5		the mechanical ro assessment was p up the foundation	om and adjacent spa erformed in 2022 to n, masonry cleaning a	ace, along with dan assess scope and and repair, and ins	mage to the metal de estimate cost. The se tall additional drains	ecking, cracks and cope of the project and correct drain	efflorescence in pla t is to repair and sta	za walls, and structur bilize cracking by stru	al instability. An acturally shoring
Designer Start:  11/1/23 Constr. Start:  5/15/24 Constr. Complete: 8/1/24  4. An estimated schedule of cash flow requirements over the life of the project by FY quarters (omit for advance planning requests).  FY/Qtr FY23-24-Q2 FY23-24-Q3 FY23-24-Q4 FY24-25-Q1 \$ Amount \$20,000 \$20,000 \$180,000 \$180,000  FY/Qtr   \$ 20,000 \$20,000 \$180,0	2.	An estimate of acc	quisition, planning, d	lesign, site develop	oment, construction,	contingency and	other related costs (	attach a completed (	C-25 form).
4. An estimated schedule of cash flow requirements over the life of the project by FY quarters (omit for advance planning requests).    FY/Qtr	3.	An estimated sche	edule for the comple	tion of the project	(enter dates mm/de	d/yr).			
FY/Qtr FY23-24-Q2 FY23-24-Q3 FY23-24-Q4 FY24-25-Q1 \$ Amount \$20,000 \$20,000 \$180,000  FV/Qtr  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 (omit for advance planning and non-general fund requests, required for general fund requests).    Year		Designer Start:	11/1/23	Constr. Start:	5/15/24	Constr. Complete:	8/1/24	-	
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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 (omit for advance planning and non-general fund requests, required for general fund requests).    Year   Year 1								-	
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 (omit for advance planning and non-general fund requests, required for general fund requests).    Year   Year 1				\$20,000	\$20,000	\$180,000	\$180,000		
operation (omit for advance planning and non-general fund requests, required for general fund requests).    Year   Year 1   Year 2   Year 3   Year 4   Year 5			FY/Qtr					1	
Year   Year 1   Year 2   Year 3   Year 4   Year 5	5.							l, covering the first fiv	ve years of
\$ Amount \$0 \$0 \$0 \$0 \$0 \$0  6. An estimate of revenues, if any, likely to be derived from the project, covering the first five years of operation (omit for advance planning and nor general fund requests, required for general fund requests).    Year   Year 1   Year 2   Year 3   Year 4   Year 5			Year	Year 1	Year 2	Year 3	Year 4	Year 5	
6. An estimate of revenues, if any, likely to be derived from the project, covering the first five years of operation (omit for advance planning and nor general fund requests, required for general fund requests).    Year   Year 1			Source	N/A	N/A	N/A	N/A	N/A	
general fund requests, required for general fund requests).    Year   Year 1   Year 2   Year 3   Year 4   Year 5			\$ Amount	\$0	\$0	\$0	\$0	\$0	
Source N/A N/A N/A N/A N/A N/A N/A  \$ Amount \$0 \$0 \$0 \$0 \$0  7. An explanation of the means of financing (i.e. cash reserves using the fund sources identified above, campus debt financing to be retired with the identified fund source, etc.).  DR - Dining Trust Funds  8. This is to certify that this capital improvement request was duly authorized on:	6.		ests, required for ge	neral fund request	:s).				ng and non-
\$ Amount \$0 \$0 \$0 \$0 \$0  7. An explanation of the means of financing (i.e. cash reserves using the fund sources identified above, campus debt financing to be retired with the identified fund source, etc.).  DR - Dining Trust Funds  8. This is to certify that this capital improvement request was duly authorized on:					-				
<ul> <li>7. An explanation of the means of financing (i.e. cash reserves using the fund sources identified above, campus debt financing to be retired with the identified fund source, etc.).</li> <li>DR - Dining Trust Funds</li> <li>8. This is to certify that this capital improvement request was duly authorized on:</li> </ul>					-				
8. This is to certify that this capital improvement request was duly authorized on:	7.	identified fund so	the means of financ urce, etc.).		ves using the fund so	ources identified a	bove, campus debt	financing to be retire	d with the
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(Date)	٥,	inis is to certify tr	iat tilis capital impro	wement request w	ras duly additionized C		1 191	(Date)	
(Signature) (Printed name/title)									= 1 0 1 NE

	го	ND SOOKCES	
Fund Type Category	Title	Fund Source Code (Reporting Abbreviation)	Description
Appropriations	Appropriations	SA	Funds appropriated by the legislature for capital projects.
R&R	R&R	RR	Funds appropriated by the legislature for campus repairs and renovations in 13 statutorily prescribed categories.
Carry forward	Carry Forward	CF	State appropriations carried forward under the 2.5% permitted by legislation. By Session Law, carry forward is considered non-general fund when it is carried forward.
	Athletics Fee	SAF	Fees collected specifically for support of campus student athletics and recreation services.
	Campus Safety Fee	SSF	Fees collected specifically for support of campussafety items such as emergency phones and cameras.
Student Fees	Education and Technology Fee	ETSF	Fees collected specifically for support of education and technology items.
	Health Services Fee	HSF	Fees collected specifically for support of campus student health services.
	Other Student Fees	OSF	Any other student fees authorized and collected for other purposes, but not listed in above categories.
	Athletics	AR	Receipts from ticket sales, gifts, donations, cash reserves, including Athletics Foundation reserves.
	Dining	DR	Receipts from operations, cash reserves.
	Housing	HR	Receipts from operations, cash reserves.
	Transportation and Parking	TR	Receipts from operations, cash reserves.
	Utility Trust Funds	UTF	Receipts from operations, cash reserves from opeation/management of all/any campus utilities (steam, chilled water, etc.).
Trust Funds (including gifts and donations)	Other Auxiliary Trust Funds	OTF	Receipts from operations, cash reserves from other campus auxiliaries not specified above.
	Centennial/Millennial Campus Funds	CMF	Receipts from operations, cash reserves under the Millennial Campus financing act.
	Clinical Receipts	CR	Receipts from operations, cash reserves.
	Facilities and Administrative	FA	Overhead receipts (facilities and administrative overhead) generated from campus research.
	Donations and Gifts	DG	Contributions made by gift, donation, bequest, or other private sources.
	Endowment	ENDF	Funds from the endowment fund of the university.
DebtService	Debt Service Fees	DSF	Debt service fees authorized for specific projects.

#### Form OC-25 (Rev 12/2022)

DATE: 10/10/23

## STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE

PROPOSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJECT BIENNIUM 2023-2025

DEPA	RTMENT and DIVISION:	UNC Greensboro					DATE: _	10/10/23	
PROJ	ECT IDENTIFICATION:	Moran Commons - N	W Exterior W	lall Repair					
PROJ	ECT CITY or LOCATION:	Greensboro							
PROJ	ECT DESCRIPTION & JUSTIFICATI	ON: (Attach add'l data as	necessary to in	ndicate need, size,	function of in	nprovements as	well as a maste	r plan.)	
mecha assess the fou draina	ge issues and foundation settlement unical room and adjacent space, alon sment was performed in 2022 to assoundation, masonry cleaning and repage paths. Areas of existing storefront	g with damage to the mess scope and estimate ir, and install additional also need to be replace	netal decking, cost. The sco drains and co ed.	cracks and efflo ope of the projec orrect drainage p	rescence in It is to repair iping, repair	plaza walls, ar r and stabilize o pavers and re	nd structural in cracking by st shape the sla	nstability. An ructurally sho b to provide	oring up proper
(Defin	nitions/explanations are provide	d on pg 2 to assist i	n completio	n of this form.	Lump su	ms are not to	be used as	a unit of c	ost:
	s further substantiating breakd			QTY	UNIT	COST PE	R UNIT	TOT	AL
A.	ENT ESTIMATED CONSTRUCTION Land Requirement	1 0051		QII	ONT	000111	211 01111		\$0
A. B.	Site Preparation								
D.	Demolition								\$0
	1a. Area A Demo			1012	SF	\$	5.00		\$5,060
	1b. Area B Demo			52	LF	\$	75.00		\$3,900
	1c. Area C Demo			68	LF	\$	75.00		\$5,100
	2. Site Work								\$0
C.	Construction					r			00
	<ol> <li>Utility Services (describe)</li> </ol>								\$0
	<ol><li>Building Construction (new spanning)</li></ol>								\$0 \$0
	<ol><li>Building Construction (existing</li></ol>			1010	- 05		245.00		\$247,940
	3a. Area A Patio Drainage and	Wall Repair, Storefron	t	1012	SF	\$	245.00 200.00		\$10,400
	3b. Area B Wall Repair	0.0		52 68	LF LF	\$	850.00		\$57,800
	3c. Area C Wall Replacement			00	LF	Ψ	000.00		\$0
	4. Plumbing (specify existing or r					-			\$0
	<ol> <li>HVAC (specify existing or new</li> <li>Electrical</li> </ol>	space)							\$0
		vetame							\$0 \$0 \$0
	<ol> <li>Fire Suppression and Alarm S</li> <li>Telephone, Data, Video</li> </ol>	ystems							\$0
	Associated Construction Costs	s (describe)							\$0
	Other (describe and insert action)	Iditional lines as neede	d)						\$0
D.	Equipment								
	Fixed (describe)								\$0
	2. Moveable (describe)								\$0
	Cost of Work							\$	330,200
Items	s below may be calculated by pe	ercentage or lump su	ım. If using	lump sum, m	ake entry	in \$ field and	explain.		
			1850MA - 540BAN 200111 1 187		property and		İ	\$	33,020
	GN FEE	10 %	(% of Estimate	ed Construction Co	osts)	WOR: U.		\$	00,020
	CONSTRUCTION COSTS			ed Construction Co				\$	
	MISSIONING			1.0% moderate; 1	.5% complex	)		\$	4,128
	CIAL INSPECTIONS/MATERIALS		(1.25% estima					\$	4,120
SUST	AINABILITY	0%	(3% LEED Go	ld, 2% LEED Silve	er)			Ψ	
			Includes progr	amming, feasibility	, analysis				
ADVA	ANCE PLANNING	0 %	(% of Estimate	ed Construction Co	osts)			\$	
CON.	TINGENCIES	5 %	(% of Estimate	ed Construction Co	osts [3% New	or 5% R&R])		\$	16,510
COTI	MATED COSTS (% of Estimated 0	Construction Costs + Cont	ingencies + Des	sian Fee)				\$	383,858
Escal (Fron	ation = percent per month multiplied to a Estimate Date as entered above on instruction) =	by number of months			5.	% annually l	beginning		
	ALATION COST INCREASE (Total o	f Estimated Construction	Costs x Escal	ation %)		_			\$16,142
ESU	ALATION COST INCREMSE (TOIRIO	Louinated Constituction	JOOIG A LOCAL					6	
TOT	AL ESTIMATED PROJECT COSTS	(Estimated Construction	Costs + Escalation	on Cost Increase)				\$	400,000
APPRO	OVED BY:		LE:			<del>-</del>		DATE:	
	(Governing Board or Agency Head)								



254 Mossman Building PO Box 26170, Greensboro, NC 27402-6170 336.334.5200 *Phone* 336.334.4754 *Fax* 

#### **MEMORANDUM**

TO:

Chancellor Franklin D. Gilliam, Jr.

FROM:

Robert J. Shea, Jr. 11

DATE:

December 08, 2023

RE:

Approval of Capital Improvement Project -

Coleman Building - Fleming & Practice Gymnasiums LED Upgrade

At the August 15, 2023 meeting of the Board of Trustees, the Board delegated authority to the Chancellor, ex-officio, to approve capital improvement projects designed, constructed and operated by non-appropriated fund moneys, with a total project budget between \$100,000 and \$500,000, and authorized the Chancellor to report all such approvals to the Board at its next meeting.

Project Description: The two gymnasiums have outdated, inefficient lighting systems. The Practice Gym lighting system had a design upgrade in 2010 adding 20 sports floodlight fixtures to the existing 40 Metal Halide fixtures to meet NCAA lighting requirements. The Fleming Gym has had no changes since it was constructed in 1986 and has 60 MH fixtures and 20 sport floodlights. The project will replace all the MH fixtures with LED fixtures and will remove the sport floodlights. The new LED lights will provide the functionality needed to meet NCAA Regenal and National Broadcasting lighting requirements. The project offers more uniform and efficient lighting that results in annual electricity consumption of approximately 190,000 kWh which saves \$14,000 in electricity costs. The proposed project includes the material, LED fixtures, new dimming switches, lighting controls work, recycling the old fixtures, and an engineer stamped letter regarding NCAA required lighting level.

The total budget of \$190,000 for the Coleman Building – Fleming and Practice Gymnasiums LED Upgrade will be within the \$100,000 to \$500,000 threshold for Projects. We recommend approval of this capital improvement project.

A formal reporting of our procedures and your approval will be made at the next meeting of the Board of Trustees. Please acknowledge your approval by your signature below.

Approved:

Chancellor

Date: 12/21/23

Attachments: CI-1 & OC-25, Proposal

### The University of North Carolina System Request for Advance Planning, New, or Increase in Capital Improvement Project

	Institution:	UNC Greensboro						
	Project Title:	Coleman Building F	leming and Practic	e Gymnasiums LED	Upgrade			
		Advance Planning	Request					
	Х	New Capital Projec	t					
		Increased Authoriz		Code:		Item:		
		-	ution.				40	
	Prev	ious Authorization:		Increase Amt:		Total:	\$0	
	Project Cost:	190000			Source of Funds*:	CF		
	Fund Type Catego	ory:						
	Fund Category	Appropriated	R&R	Carry Forward	Student Fees	Trust Funds (incl. donations/gifts)	Debt Service Fees	TOTAL
	Fund Source Code			117537		demanding girter		
	\$ Amount	\$0	\$0	\$190,000	\$0	\$0	\$0	\$190,000
	Percent	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
For 6	A detailed project The two gymnasic floodlight fixtures constructed in 19 sport floodlights.	ing project or capital description and just ams have outdated in to the existing 40 M 86 and has 60 MH fix The new LED lights w	ification:  iefficient lighting s  etal Halide fixture:  tures and 20 sport  ill provide the fun	ystems. The Practic s to meet NCAA ligh : floodlights. The pro ctionality needed to	e Gym lighting systo ting requirements. Dject will replace al D meet NCAA Reger	The Fleming Gym h I the MH fixtures wi al and National Bro	eas had no changes s ith LED fixtures and radcasting lighting re	since it was will remove the equirements. The
	electricity costs. T an engineer stam	re uniform and efficien The proposed project ped letter regarding I	includes the mate NCAA required ligh	rial, LED fixtures, ne nting level.	ew dimming switch	es, nLighting contro	ls work, recycling th	e old fixtures, and
2.	An estimate of ac	quisition, planning, d	esign, site develop	ment, construction	, contingency and c	ther related costs (	attach a completed	OC-25 form).
3.	An estimated sche	edule for the comple	tion of the project	(enter dates mm/d	d/yr).			
	Designer Start:		Constr. Start:	3/15/24	Constr. Complete:	4/15/24		
4.	An estimated sche	edule of cash flow re	quirements over th	ne life of the project	by FY quarters (on	nit for advance plan	ning requests).	
		FY/Qtr	FY23-24-Q3	FY23-24-Q4	FY1-Q3	FY1-Q4		
		\$ Amount	\$25,000	\$165,000	\$0	\$0	_	
5.		aintenance and opera or advance planning a	-	_	• •		, covering the first f	ive years of
		Year	Year 1	Year 2	Year 3	Year 4	Year 5	
		Source \$ Amount	N/A \$0	\$0	\$0	\$0	\$0	
6.		venues, if any, likely the lests, required for get	to be derived from	the project, coveri			·	ing and non-
		Source	N/A					
		\$ Amount	\$0	\$0	\$0	\$0	\$0	
7.	An explanation of identified fund so Utility Savings Car		ng (i.e. cash reserv	ves using the fund s	ources identified al	oove, campus debt	financing to be retir	ed with the
8.	This is to certify th	hat this capital impro	vement request w	as duly authorized	on:			
							(Date)	
		(Signa	ture)				(Printed name/title)	

1	FO	Fund Source Code	T
Fund Type Category	Title	(Reporting Abbreviation)	Description
Appropriations	Appropriations	SA	Funds appropriated by the legislature for capital projects.
R&R	R&R	RR	Funds appropriated by the legislature for campus repairs and renovations in 13 statutorily prescribed categories.
Carry forward	Carry Forward	CF	State appropriations carried forward under the 2.5% permitted by legislation. By Session Law, carry forward is considered non-general fund when it is carried forward.
	Athletics Fee	SAF	Fees collected specifically for support of campus student athletics and recreation services.
	Campus Safety Fee	SSF	Fees collected specifically for support of campussafety items such as emergency phones and cameras.
Student Fees	Education and Technology Fee	ETSF	Fees collected specifically for support of education and technology items.
	Health Services Fee	HSF	Fees collected specifically for support of campus student health services.
	Other Student Fees	OSF	Any other student fees authorized and collected for other purposes, but not listed in above categories.
	Athletics	AR	Receipts from ticket sales, gifts, donations, cash reserves, including Athletics Foundation reserves.
	Dining	DR	Receipts from operations, cash reserves.
	Housing	HR	Receipts from operations, cash reserves.
	Transportation and Parking	TR	Receipts from operations, cash reserves.
	Utility Trust Funds	UTF	Receipts from operations, cash reserves from opeation/management of all/any campus utilities (steam, chilled water, etc.).
Trust Funds (including gifts and donations)	Other Auxiliary Trust Funds	OTF	Receipts from operations, cash reserves from other campus auxiliaries not specified above.
	Centennial/Millennial Campus Funds	CMF	Receipts from operations, cash reserves under the Millennial Campus financing act.
	Clinical Receipts	CR	Receipts from operations, cash reserves.
	Facilities and Administrative	FA	Overhead receipts (facilities and administrative overhead) generated from campus research.
	Donations and Gifts	DG	Contributions made by gift, donation, bequest, or other private sources.
	Endowment	ENDF	Funds from the endowment fund of the university.
DebtService	Debt Service Fees	DSF	Debt service fees authorized for specific projects.

#### Form OC-25

## (Rev 12/2022)

# STATE OF NORTH CAROLINA - DEPARTMENT OF ADMINISTRATION STATE CONSTRUCTION OFFICE ODOSED REPAIR & RENOVATION OF CARITAL IMPROVEMENT PROJECTION

## PROPOSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJECT BIENNIUM 2023-2025

DEPARTMENT and DIVISION: UNC Greensbor				_	DATE:	12/08/23
PROJECT IDENTIFICATION: Coleman Buildir	g Fleming and Pra	ectice Gymnasiu	ıms LED U	pgrade		
PROJECT CITY or LOCATION:						
PROJECT DESCRIPTION & JUSTIFICATION: (Attach add'l dat	a as necessary to inc	dicate need, size,	function of	improvement	s as well as a maste	r plan.)
The two gymnasiums have outdated inefficient lighting system	s. The Practice Gy	m lighting syste	em had a d	lesign upgra	ade in 2010 adding	20 sports floodlight
fixtures to the existing 40 Metal Halide fixtures to meet NCAA	ighting requiremer	nts. The Flemin	g Gym has	had no cha	anges since it was	constructed in 1986
and has 60 MH fixtures and 20 sport floodlights. The project w	•				•	
LED lights will provide the functionality needed to meet NCAA	•			•		
efficient lighting that results in annual electricity consumption of	• • •				•	
includes the material, LED fixtures, new dimming switches, nL	ighting controls wo	ork, recycling the	e old fixture	es, and an e	engineer stamped	letter regarding NCAA
required lighting level.						
(Definitions/explanations are provided on pg 2 to ass		n of this form	. Lump s	ums are n	ot to be used a	s a unit of cost
unless further substantiating breakdown is provided.	) 	OTV	LINUT	I 000	T DED LINIT — I	TOTAL
CURRENT ESTIMATED CONSTRUCTION COST		QTY	UNIT	008	T PER UNIT	TOTAL \$
<ul><li>A. Land Requirement</li><li>B. Site Preparation</li></ul>	L					Φ
Demolition of Existing Fixtures	Г	1	ea	T \$	10,000.00	\$10,00
Site Work	-	- 1	<del>- Ca</del>	Ψ	10,000.00	\$ 10,00
C. Construction	L					Ψ
Utility Services (describe)	Г					\$
Building Construction (new space)						 \$
Building Construction (existing)	ŀ					\$
Plumbing (specify existing or new space)	ļ-					\$
5. HVAC (specify existing or new space)	Ī					\$
6. Electrical	Ī	1	ea	\$	27,000.00	\$27,00
7. Fire Supression and Alarm Systems						\$
8. Telephone, Data, Video						\$
9. Associated Construction Costs (floor protection)		1	ea	\$	11,042.00	\$11,04
<ol><li>Other (Lift Rental &amp; Recycling)</li></ol>		1	ea	\$	20,000.00	\$20,00
D. Equipment	-					
Fixed (LED Light Fixtures)		90	ea	\$	1,222.22	\$110,00
2. Moveable (describe)	Ĺ					\$
Total Cost of Work						\$ 178,042
Items below may be calculated by percentage or lump	sum. If using	lump sum, m	ake entry	in \$ field	and explain.	
DECION FEE	0/ /0/ - 6 = -1: 11	0	-4-\		Г	<b>¢</b>
	% (% of Estimated		,	MOD: 11)		-
	(	Construction Co	-			\$ -
COMMISSIONING 0	( F )	.0% moderate; 1.	5% complex	()		\$ -
SPECIAL INSPECTIONS/MATERIALS 0	,	,	,			\$ -
SUSTAINABILITY 0	% (3% LEED Gold	, 2% LEED Silver	·)			\$ -
	Includes program	mming, feasibility	, analysis			
ADVANCE PLANNING 0	% (% of Estimated	Construction Co	sts)			\$ -
CONTINGENCIES 5	% (% of Estimated	Construction Co	sts [3% New	or 5% R&R	1)	\$ 8,902
ESTIMATED COSTS (% of Estimated Construction Costs + C	antinganaias + Dasig	ın Eoo)				\$ 186,944
Escalation = percent per month multiplied by number of months	onlingencies + Desig	jii reej			L	Ψ 100,04-
(From Estimate Date as entered above on this form to mid-po	nt			% annua	lly beginning	
of construction) =	4	months	5.	on mont		
ESCALATION COST INCREASE (Total of Estimated Construct	ion Costs v Escalat	ion %)		_ 011 11101111	" . [	\$3,05
`		,			[ -	
TOTAL ESTIMATED PROJECT COSTS (Estimated Constru	ction Costs + Escalation	n Cost Increase)				\$ 190,000
APPROVED BY:	TITLE:					DATE:

(Governing Board or Agency Head)



254 Mossman Building PO Box 26170, Greensboro, NC 27402-6170 336.334.5200 *Phone* 336.334.4754 *Fax* 

#### **MEMORANDUM**

_		
П	$\boldsymbol{C}$	

Chancellor Franklin D. Gilliam, Jr.

SK

FROM:

Robert J. Shea, Jr. 29

DATE:

12/13/2023

RE:

Approval of Capital Improvement Project - Psych 265 & 359 Alterations

At the August 15, 2023 meeting of the Board of Trustees, the Board delegated authority to the Chancellor, ex-officio, to approve capital improvement projects designed, constructed and operated by non-appropriated fund moneys, with a total project budget between \$100,000 and \$500,000, and authorized the Chancellor to report all such approvals to the Board at its next meeting.

Project Description: The existing mail room and conference room do not meet the current operational needs of the Psychology department and are in need of update and expansion. The scope of the project is to renovate the existing Mail Room (Rm. 265) to include plumbing corrections to eliminate leaks, remove outdated built-in mail distribution 'cubbies' to allow for storage improvements, and refresh room finishes. Enlarge existing Conference Room (Rm. 359) by expanding into an adjacent storage room, improve utilities serving the enlarged room, refresh finishes, and obtain new furniture and equipment for the expanded use. This project will provide improved AV viewing to accommodate table seating of 24 and total in-room attendance of 30 to support the growing Psychology department.

The total budget of \$125,000 for Psych 265 & 359 Alterations will be within the \$100,000 to \$500,000 threshold for Projects. We recommend approval of this capital improvement project.

A formal reporting of our procedures and your approval will be made at the next meeting of the Board of Trustees. Please acknowledge your approval by your signature below.

Approved:

Chancellor

Date: 12/21/23

Attachments: CI-1 & OC-25, Proposal

(Printed name/title)

### The University of North Carolina System Request for Advance Planning, New, or Increase in Capital Improvement Project

	Institution:	UNC Greensboro							
	Project Title:	Psych 265 & 359 A	Alterations						
		Advance Planning	Request						
	X	New Capital Proje	ect						
		Increased Authori		Code:		Item:			
							Ć0		
		From:		To:		Total:\$0			
	Project Cost:	\$125,000			Source of Funds*:		CF		
	Fund Type Category:								
	Fund Category	Appropriated	R&R	Carry Forward	Student Fees	Trust Funds (incl. donations/gifts)	Debt Service Fees	TOTAL	
	Fund Source Code			CF					
	\$ Amount	\$0	\$0	\$125,000	\$0	\$0	\$0	\$125,000	
	Percent	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%	
For e	ach advance plann		al construction pro		s sources. Refer to I e the following:	ist of fund sources a	attached.		
2.	expansion. The sc outdated built-in the by expanding into the expanded use growing Psycholog	ope of the project is mail distribution 'cu an adjacent storag . This project will pr gy department.	s to renovate the ex bbies' to allow for s e room, improve uti ovide improved AV	isting Mail Room (F storage improveme lities serving the er viewing to accomn	ational needs of the Rm. 265) to include nts, and refresh roo nlarged room, refres nodate table seating n, contingency and o	plumbing correction m finishes. Enlarge th finishes, and obta g of 24 and total in-	ns to eliminate leak e existing Conferenc ain new furniture ar room attendance of	s, remove e Room (Rm. 359) nd equipment for 30 to support the	
3.	An estimated sche	edule for the compl	etion of the project	(enter dates mm/d	ld/yr).				
	Designer Start:	2/2/24	Constr. Start:	8/1/24	Constr. Complete:	11/1/24			
4.	An estimated sche	edule of cash flow re	- equirements over th	ne life of the projec	- t by FY quarters (on	nit for advance plan	ning requests).		
		FY/Qtr	FY23-24 / Q3	FY23-24 / Q4	FY24-25 / Q1	FY24-25 / Q2	]		
		\$ Amount	\$10K	\$15K	\$50K	\$50K			
5.		or advance planning	and non-general fu	nd requests, requir	upport these costs, i red for general fund	requests).	·	ive years of	
		Year	Year 1	Year 2	Year 3	Year 4	Year 5		
		Source	N/A	N/A	N/A	N/A	N/A		
6.			\$0 To be derived from eneral fund request:		\$0 ng the first five year	\$0 s of operation (omi	\$0 it for advance plann	ing and non-	
		Year	Year 1	Year 2	Year 3	Year 4	Year 5		
		Source	N/A	N/A	N/A	N/A	N/A		
		\$ Amount	\$0	\$0	\$0	\$0	\$0		
7.	identified fund so	urce, etc.).	cing (i.e. cash reserv	ves using the fund s	sources identified ab	oove, campus debt f	financing to be retir	ed with the	
	CF - Carry Forward	d Funds							
8.	This is to cortify the	nat this canital impr	ovement request w	as duly authorized	on:				
o.	inis is to certify th	iat tino capitai iilipi	overnent request w	as daily additionized	OII.		(Date)		

(Signature)

## Form OC-25

(Rev 12/2022)

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

PROPOSED REPAIR & RENOVATION OR CAPITAL IMPROVEMENT PROJECT BIENNIUM 2023-2025

DEPARTMENT and DIVISION:		UNC Greensboro				_	DATE:	12/13/23			
		Psych 265 & 359 Al	terations								
	CITY or LOCATION:	Greensboro									
PROJECT DESCRIPTION & JUSTIFICATION: (Attach add'l data as necessary to indicate need, size, function of improvements as well as a master plan.)											
The scope distribution storage roo improved A	g mail room and conference room of the project is to renovate the excludibles' to allow for storage impum, improve utilities serving the er V viewing to accommodate table	xisting Mail Room (Rm rovements, and refres nlarged room, refresh t seating of 24 and tota	n. 265) to inclu h room finishe finishes, and o l in-room atter	de plumbing corr s. Enlarge existi btain new furnitu dance of 30 to si	rections to eng Confere re and equiupport the g	eliminate lea nce Room ( pment for the prowing Psy	aks, remove outdate Rm. 359) by expand ne expanded use. The chology department	d built-in mail ding into an adjacent his project will provide t.			
	rther substantiating breakdo		iii compietic	on or this form	. Lump s	uiiis aie ii	of to be used as	a unit of cost			
	ESTIMATED CONSTRUCTION			QTY	UNIT	COS	T PER UNIT	TOTAL			
A. Land Requirement								\$0			
	e Preparation										
	Demolition			1	EA	\$	10,000.00	\$10,000			
	Site Work							\$0			
	nstruction					T		Φ0			
	Utility Services (describe) Building Construction (new space	امر		-		+		\$0 \$0			
	Building Construction (existing)	,,,						\$0			
0.	3a. Room 265 Renovation			100	SF	\$	100.00	\$10,000			
	3b. Room 359 meeting room	n enlargement		500	SF	\$	120.00	\$60,000			
4.	Plumbing (specify existing or ne							\$0			
5.	HVAC (specify existing or new s	pace)						\$0			
6. 7	Electrical							\$0			
7. 8.	Fire Supression and Alarm Syst Telephone, Data, Video	ems				-		\$0 \$0			
	Associated Construction Costs (	describe)						\$0			
10.			)					\$0			
D. Equ	uipment `		,					·			
	Fixed (describe)							\$0			
	Moveable (Meeting Room Table	& Chairs)		1	EA	\$	25,250.00	\$25,250			
Total Cost					_		\$	105,250			
Items belo	ow may be calculated by per	centage or lump si	um. If using	lump sum, ma	ake entry	in \$ field a	ınd explain.				
DESIGN E	==	10 %	(% of Estimate	d Construction Co	oto)		\$	10,525			
DESIGN FEE 10 % (% of Estimated Construction PRECONSTRUCTION COSTS 0					:M@Risk1)	\$					
COMMISSI	-		•	1.0% moderate; 1.	-		\$				
	NSPECTIONS/MATERIALS	ted)	, o oop.o	•	\$						
SUSTAINA	-	d, 2% LEED Silver	.)		\$	-					
	-			amming, feasibility							
ADVANCE	PLANNING	0 %		d Construction Cos			\$	-			
CONTINGE	-	•	d Construction Cos	•	or 5% R&R]	) \$	5,263				
ESTIMATE	D COSTS (% of Estimated Co.	nstruction Costs + Contir	ngencies + Desi	ian Fee)			\$	121,038			
	= percent per month multiplied by		igoriolos i Dos	igir r co)			Ľ	,,,,,			
(From Estir	nate Date as entered above on th		9	months	5.0	1	ly beginning on				
of construction) = month 1  ESCALATION COST INCREASE (Total of Estimated Construction Costs x Escalation %)											
TOTAL ES	STIMATED PROJECT COSTS	(Estimated Construction	Costs + Escalation	on Cost Increase)			\$	125,000			
APPROVED E	BY:		.E:				]	DATE:			

(Governing Board or Agency Head)