



**Finance and Administration Committee  
November 11, 2025**

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**Action Item**

**FAC – 1 Campus Elevator Replacements, Renovations & Upgrades Project - Approval of Designer Selection**

**Background Information**

The scope of this project is to repair and/or replace elevators that have reached the end of their useful life, and/or add elevators to provide accessibility where needed in the following campus buildings:

- Coleman HHP #1 – 4 Stop Elevator Modernization, including all required support systems & utilities
- Coleman HHP #2 – 7 Stop Elevator Modernization, including all required support systems & utilities
- Ferguson Building – 3 Stop Elevator Modernization, including all required support systems & utilities
- Graham Building – 4 Stop Elevator within a new Building Addition, including all required support systems and utilities. The new addition design shall coordinate and/or match the existing building's architectural materials and style.
- MHRA Building – 4 Stop New Elevator within the existing vacant elevator shaft

**Project Cost: \$3,757,056**

The University of North Carolina System's website advertised the request for qualifications and letters of interest for engineering services related to this project. Seven (7) firms submitted letters of interest, none (0) from Guilford County.

The Designer Selection Committee reviewed the letters of interest and invited three (3) firms to interview on October 24, 2025, to present their qualifications and recommend the following in ranking order.

1. RND Architects, PA. Durham, NC
2. WHN Architects, PA. Charlotte, NC
3. C Design Inc. Charlotte, NC

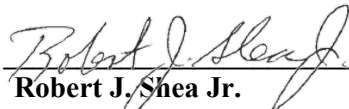
The firm of RND Architects, PA, is recommended as the Designer for the following reasons:

1. RND Architects demonstrated the most extensive experience with State Construction Office (SCO) elevator replacement projects, collaborating with their selected consultants.

2. The designer presented the most comprehensive approach in assessing the existing conditions and understanding the potential impact on integrated systems.
3. The team presented the most proactive process of risk management and evaluating scope and schedule constraints within the project budget.

**Recommended Action**

Based on the above information, the Board of Trustees of the University of North Carolina at Greensboro approves RND Architects, PA, as the Architectural firm for the Campus Elevator Replacements, Renovations, & Upgrades project. If agreeable terms cannot be met with the recommended firm, the Board authorizes the administration to negotiate terms with the other firms in ranking order.

  
\_\_\_\_\_  
**Robert J. Shea Jr.**  
Vice Chancellor for Finance *and*  
Administration

**Attachments:**

- RND Architects Letter of Interest

# UNCG CAMPUS ELEVATOR REPLACEMENTS, RENOVATIONS, & UPGRADES

UNIVERSITY OF NORTH CAROLINA, GREENSBORO

RFQ #287-30231  
09.19.25



CHARLES NICKELSON, AIA  
RND Architects, PA  
919.452.8970  
Charles@RNDpa.com

RND  
a r c h i t e c t s

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# Information Sheet

Firm Name

HUB Certified     
  If HUB, Specify Type     
  Female     
  American Indian     
  Hispanic     
  Socially & Economically Disadvantaged  
 Disabled     
  Asian-American     
  Black

Point of Contact  E-mail Address

Street Address

City  State  Zip Code  County

Phone #  Fax #

Type of Firm (e.g. Architectural, Civil Engineering, Surveying, Etc)

## Consulting Firms

Architectural:	<input type="text"/>	<input type="checkbox"/> Check If HUB	Mechanical:	<input type="text" value="Engineered Designs, PLLC"/>	<input checked="" type="checkbox"/> Check If HUB
Electrical:	<input type="text" value="Engineered Designs, PLLC"/>	<input checked="" type="checkbox"/> Check If HUB	Plumbing:	<input type="text" value="Engineered Designs, PLLC"/>	<input checked="" type="checkbox"/> Check If HUB
Structural:	<input type="text"/>	<input type="checkbox"/> Check If HUB	Civil:	<input type="text"/>	<input type="checkbox"/> Check If HUB
Landscape:	<input type="text"/>	<input type="checkbox"/> Check If HUB	Interior Design:	<input type="text"/>	<input type="checkbox"/> Check If HUB
Other (specify type):	<input type="text" value="Stewart Elevator Consulting (Elevator Consultant)"/>			<input type="checkbox"/> Check If HUB	
Other (specify type):	<input type="text"/>			<input type="checkbox"/> Check If HUB	

September 19, 2025

ATTN: Kurt Melvin, k\_melvin@uncg.edu  
UNC Greensboro Facilities Design and Construction  
Gray Home Management House  
105 Gray Drive  
Greensboro, NC 27212

RE: UNCG Campus Elevator Replacements, Renovations and Upgrades  
RFQ: 287-30231

Dear Kurt and Members of the Selection Committee:

Thank you for the opportunity to submit our qualifications to UNC Greensboro for the Campus Elevator Replacements, Renovations, and Upgrades Project. Our proposed design team has a great depth of experience and expertise with repair and replacement of existing elevator systems, having completed over 100 elevator modernization projects within North Carolina.

At RND Architects, we are renovation experts. Over 96% of our portfolio consists of renovation projects, many of which involve accessibility improvements. Our staff is extremely skilled in the unique challenges associated with renovation and repair of existing buildings, including thorough research and documentation, existing condition surveys, code compliance via the NCEBC, SCO reviews/approvals, and, particularly important for university campuses, planning for construction in occupied buildings.

We understand UNC-Greensboro seeks to modernize elevators at five separate buildings on the main campus of the University. RND is very experienced with similar elevator modernization projects, having completed similar projects on the campuses of UNC Chapel Hill, ASU, ECU, Elon University, Duke University, NCCU, and NCSU. Additionally, we are in the process of modernizing 38 elevators and escalators for the NCDOA located within the Raleigh Government Complex.

In response to the RFQ, we have assembled a team of highly qualified consultants experienced in projects of this scope and with whom we have a strong history of collaboration. Our team is as follows:

RND Architects, PA	Architecture, Project Lead
Engineered Designs, PLLC	MEP Engineering
Stewart Elevator Consulting, LLC	Elevator Consultant

We have worked with this team on the majority of our portfolio's elevator modernizations, installations, and upgrades. Our design team's extensive working relationship will be extremely beneficial to this project. All team members are extremely knowledgeable of the codes, procedures, and processes of the State Construction Office and will ensure the project meets all necessary requirements.

We appreciate the opportunity to submit our proposal and thank you for your consideration. Please let me know if there is any additional information we can provide or any questions you may have.

Sincerely,

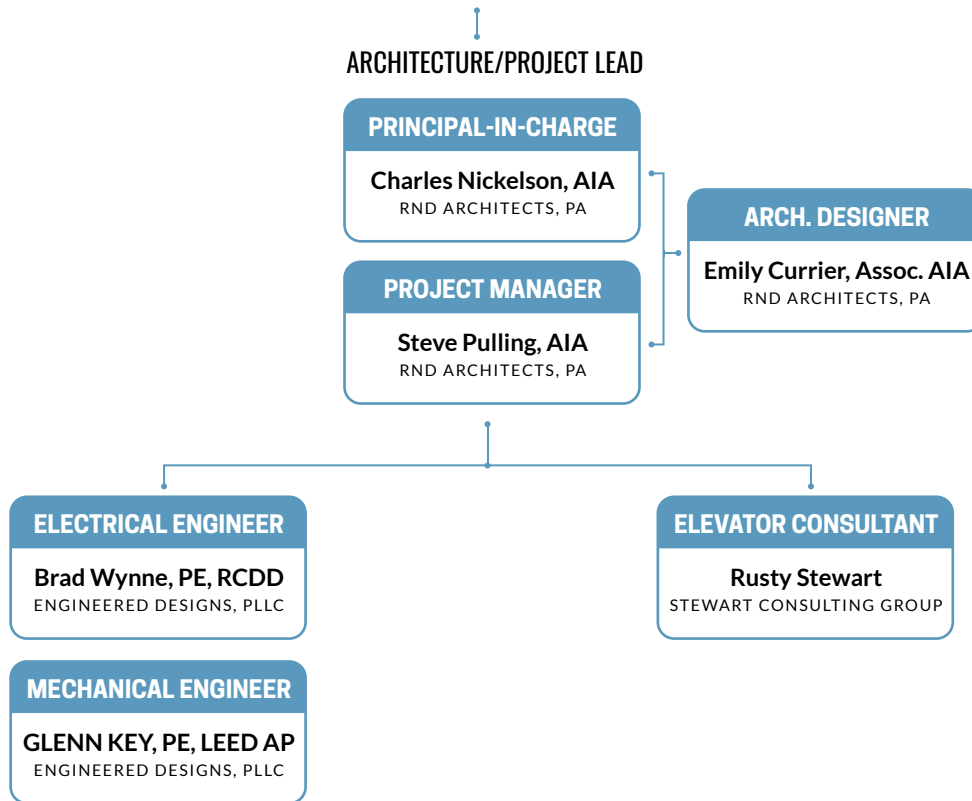


Charles Nickelson, AIA, Principal Architect  
RND Architects, PA  
Office: 919.490.1266, ext: 111 | Direct: 919.452.8970  
Charles@rndpa.com

# TAB 3: PROJECT TEAM ORGANIZATION CHART



THE UNIVERSITY of NORTH CAROLINA  
**GREENSBORO**



## Role: Project Lead | Architecture

We have more than thirty-eight years helping North Carolina colleges and universities modernize elevators for academic buildings. With a total of thirteen employees, RND is large enough to manage complex projects, but small enough to make our clients a priority. Our designers have completed hundreds of renovations totaling over \$175 million for our area universities. RND will provide boots-on-the-ground project management, produce strategic design solutions, and provide attentive construction administration services.

## Role: Elevator Consultant

Stewart Consulting Group is an elevator design and consultation company with over two decades of North Carolina Experience. Rusty Stewart, Founder, has provided design, construction, modernization, inspection, maintenance, and repair services for projects throughout the state. He is a reliable, knowledgeable, and skilled vertical transportation professional and will assist our team in identifying the most strategic updates.

**RND Collaborative Projects:** ASU Panhellenic Elevator Modernization, ASU Appalachian Heights Elevator Modernization, UNC Chapel Hill Student Union Elevator Modernization, NC DNCR Museum of Natural Sciences Elevator Modernizations, ECU Jenkins Fine Arts Building Elevator Modernizations, UNC-CH Carroll & Dey Hall Elevator Modernizations

## Role: MEP Engineer

Engineered Designs, PLLC is a minority-owned consulting engineering firm with a strong track record of delivering innovative, energy-conscious designs for municipal clients across North Carolina. With over 28 years of experience, the firm specializes in mechanical, electrical, plumbing, and fire protection engineering, with additional services in commissioning and construction administration.

**RND Collaborative Projects:** UNC-CH Carroll & Dey Hall Elevator Modernizations, Durham County Board of Elections, Durham County Sheriff's Training Facility

# TAB 4: SPECIALIZED EXPERTISE



## At RND Architects, we are renovation **experts.**

With almost four decades of specialized experience, we know renovations. Our team has performed hundreds of building envelope investigations and designed repairs and improvements of every scope and scale.

RND Architects has served higher education clients throughout North Carolina for almost forty years. Our talented team is comprised of individuals from diverse backgrounds with a breadth of design experience and expertise. The common ground for our team members is found in our mutual passion for renovation design.

Most of our renovation projects involved building envelope repairs and improvements. We are skilled in balancing repair and improvement needs with funding and schedule restraints to help owners prioritize their renovation budgets and maximize the potential of their existing structures.

## OUR ELEVATOR EXPERTISE

- Traction Elevators
- Hydraulic Elevators
- Control Upgrades
- Passenger & Freight Elevators
- Door Operators
- Life Safety Upgrades
- Car & Hoistway Door Equipment
- ADA/Accessibility Code Compliance
- Cab & Lobby Interior Finishes
- Mechanical Upgrades
- Occupied Construction
- Phased Construction Scheduling

**100+**  
**ELEVATOR PROJECT**

### LOCATION

3608 University Drive  
Suite 204  
Durham, NC 27707

### CONTACT

Charles Nickelson, AIA  
Principal Architect  
(919) 490.1266 (ext.111)  
Charles@RNDpa.com

### YEAR ESTABLISHED

1987

## 4.2: EXPERIENCE IN SIMILAR PROJECTS



### PARKING GARAGE ELEVATOR MODERNIZATIONS Durham, NC

Occupied modernization of seven elevators in multiple downtown Durham parking garages.

**Completion Date:** 2017  
**Cost:** \$1,600,000  
**Size:** 7 Elevators



### ECU JENKINS FINE ARTS CENTER ELEVATOR MODERNIZATIONS Greenville, NC

Modernization of two hydraulic elevators including controls, door operators, fixtures, and cab interior finishes.

**Completion Date:** 2019  
**Cost:** \$368,000  
**Size:** 2 Elevators



### NC DOA OLD EDUCATION BUILDING ELEVATOR MODERNIZATION Raleigh, NC

Mechanical system upgrades, comprehensive life safety upgrades, new cab interior finishes, fixtures, and door controls

**Completion Date:** 2014  
**Cost:** \$2,400,000 (full renovation)  
**Size:** 5 Elevators



### NC DMVA SALISBURY STATE VA HOME ELEVATOR MODERNIZATION Salisbury, NC

Cab interior finishes, fire stopping/hoist way repairs, lobby finish improvements, new controls, door equipment, and fixtures

**Completion Date:** 2021  
**Cost:** \$263,000  
**Size:** 2 Elevators

#### Additional Elevator Projects:

- NCSU Avent Ferry Elevator Mod
- ECU Whichard/Ragsdale Elevator Addition
- NCSU Lee Residence Hall Elevator Mod
- NCSU Peele Hall Elevator Mod
- NCSU Talley Student Center Elevator Mod
- Wake County Elevator Maintenance
- NCCU Dent Elevator Addition
- Elon Powell Hall Elevator Addition
- NCSU Talley Student Center Elevator Mod
- Cox and Milsap Dormitory Elevator Addition
- NC DOA Shore Building Elevator Mod
- NC DOA Administration Building Elevator Mod
- Elon Johnston Hall Renovation & Elevator Addition
- NCSU Winslow Hall Renovation & Elevator Addition

# 4.3: CURRENT WORKLOAD & STATE AWARDED PROJECTS

Our proposed team has ample staff resources to accomplish your project goals. As illustrated in the following charts, the majority of RND's projects are in the final stages of Construction Documentation and Construction Administration. Consequently, **we are actively seeking new design work and are capable of devoting senior and experienced personnel to your project.**

## Key Personnel Workload & Availability

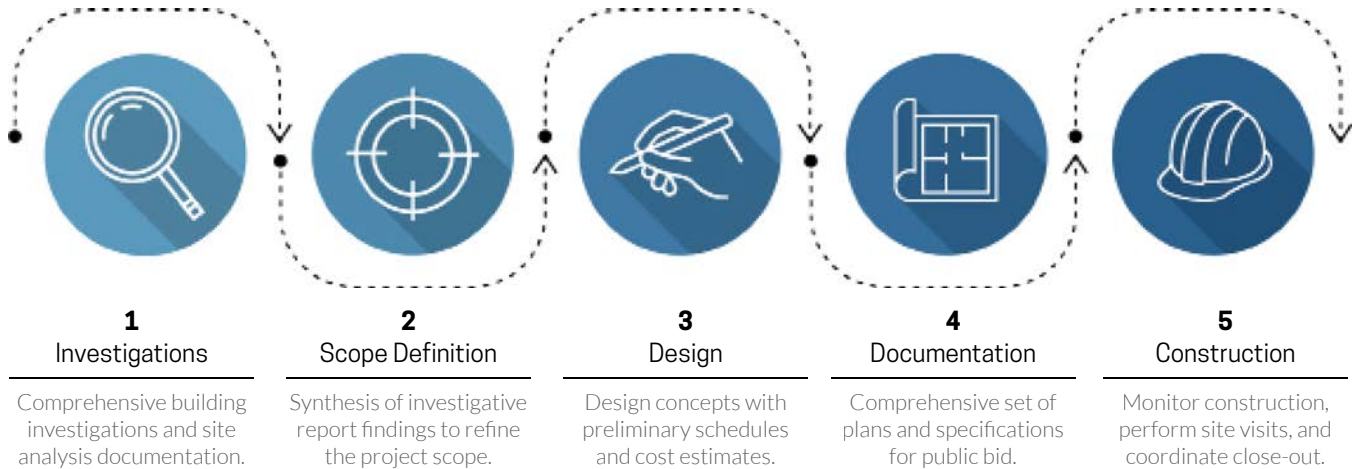
Team Member	Firm Project <i>(Reference "Project #" column in the chart below)</i>													Availability
	1	2	3	4	5	6	7	8	9	10	11	12	13	
<b>Charles Nickelson, AIA</b> <i>Principal Architect</i>	X	X					X	X		X	X			60%
<b>Steve Pulling, AIA</b> <i>Project Architect/Construction Admin.</i>	X		X	X			X	X						70%
<b>Emily Currier, Assoc. AIA</b> <i>Architectural Designer</i>	X		X	X										80%

## Firm Active Projects

Project #	Project Name	Phase	End	SCO Project?
1	NCDOA Museum of Natural Science Elevator Modernization	CA	05/36	Yes
2	NCCU Taylor Education Building Renovation	DD	12/26	Yes
3	NCDOA Dobbs Building Restroom Renovations	CA	09/25	Yes
4	NCDOA Gov Complex Elevators & Escalators - New Education	CA	10/25	Yes
5	NC DOJ Western Justice Academy Dorm & Admin	DD	02/27	Yes
6	UNC Swain Hall Classroom Renovation	DD	11/26	Yes
7	UNC Carroll & Dey Hall Elevator Modifications	CA	09/25	Yes
8	UNC Chapel Hill Academic Affairs Restroom Accessibility Upgrades	CD	05/26	Yes
9	NCSU CVM North & South Auditoriums B112 & C120	CD	09/26	Yes
10	Wake County Animal Shelter	DD	05/28	
11	Elon Catholic Life Building	SD	06/27	
12	Town of Hillsborough Adron F Thompson Renovation	CD	08/26	
13	NC DHHS Longleaf Center Elevator Mod	CA	09/25	Yes

# 4.4: DESIGN APPROACH & METHODOLOGY

Though we have completed projects of a similar scope in the past, we understand no two projects are identical. As such, we will pursue this project with the understanding that Warren Life Sciences Building is unique in its challenges and opportunities. Based upon our previous successes with projects of a similar scope, however, we proposed the following design approach.



## Investigations

We understand your project's success is dependent upon our team's understanding of the existing conditions and context of UNCG's Elevators located in Coleman HHP, the Ferguson Building, the Graham Building, and the MHRA Building. As renovation experts, we are trained to place significant value on and effort in our research and investigations. During this initial project phase, RND will lead a detailed investigation of your existing facilities with the aid of our consultant teams. During this process we will identify the necessary upgrades for all stop elevators. We will evaluate the elevator controls, compliance with ADA/Accessibility code, door operators, mechanical and electrical systems, security systems, and the cab and lobby finishes. All of these details will be thoroughly documented and utilized to create a 3D Revit model of your existing facility which will evolve with the project.

## Scope Definition

Based upon our findings, we will create a revised Investigative Report which defines our discoveries and outlines courses of action. The submission will be accompanied by a preliminary project schedule and cost estimates for the recommended work to ensure your project remains on schedule and within budget.

## Design

After conducting investigations and outlining the project scope, our team will work towards the creation of final cost estimates and drawings for review. Through a repetitive process of design, review, and re-design, we will produce and refine our proposed schemes. Our team will produce sketches, diagrams, and schematic renderings as needed to communicate each option for quick and effective analysis.

## Construction Documentation

RND is skilled in the preparation of comprehensive plans and specifications. Our knowledge and familiarity with the State Construction Office's design review procedures and requirements will enable us to progress the project in a timely and efficient manner. RND will create a comprehensive Construction Document set and administer it for bid using an online planroom. Prospective bidders and their sub-contractors will be able to easily access the documents, ensuring no firms are excluded from the bidding process.

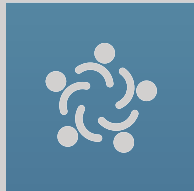
## Construction Administration

Construction Administration plays a vital role in the success of a project. Our approach is rooted in a desire to promote respect, demonstrate effective leadership, and generate project enthusiasm.

To accomplish this, all team members outlined in this proposal will remain active throughout the entire project life-cycle, including Charles Nickelson (Principal-In-Charge), Emily Currier (Architectural Designer), and Steve Pulling (Project Manager). We will schedule and attend routine site visits throughout construction to monitor the schedule, conduct inspections, and provide quality assurance. Once construction is complete, we will ensure ECU receives its necessary warranties and guarantees. We'll also create a comprehensive as-built set for your records.

# 4.4: DESIGN METHODOLOGY

Throughout the past three decades, RND has refined its design methodology and identified several key factors for success. These core strategies have streamlined communication between our design team members and consultants to produce more innovative design solutions and greater project results.



### IPD Methodology

RND embraces the Integrated Project Delivery method to unite all disciplines as one firm. Architects, specialty consultants, and engineers work collaboratively from preliminary investigations through construction to foster mutual trust, promote creativity, and expedite project schedules.



### BIM Technology

Each proposed team member is fluent in Revit and Building Information Modeling software. This will enable our designers and engineers to communicate openly on a technical level and identify construction conflicts prior to their impact on the project.



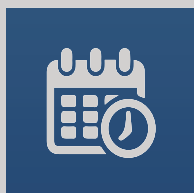
### Weekly In-House Updates

RND holds an office meeting with all personnel every Monday morning. During these weekly check-ins, team members provide schedule updates, discuss the week's task, and delegate workloads as needed to ensure project deadlines and milestones are consistently met.



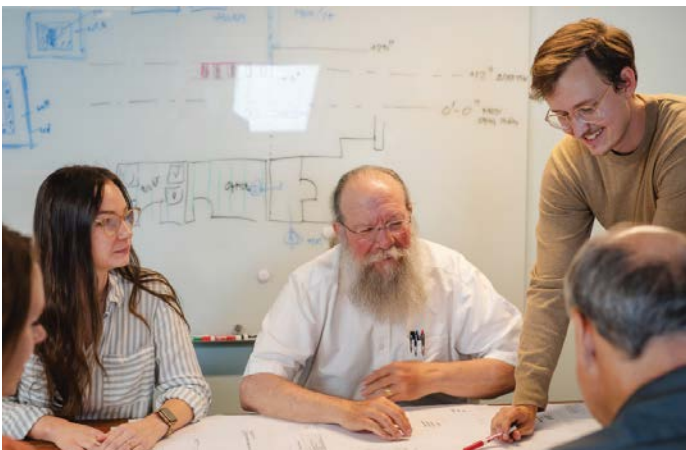
### Quality Assurance

To maintain continuity of design concepts and details, the Principal-In-Charge and Project Manager will remain active with the project from inception to completion. Drawings will be regularly reviewed by all team members and inspected for completeness, accuracy, and cohesion.



### Regularly Scheduled Design Meetings

Our experience leads us to suggest bi-weekly design meetings with our clients, beginning in the initial planning stages. We've found this strategy successfully creates and maintains project momentum.



## 4.5: EXPERIENCE WITH PROJECT COSTS & SCHEDULES

*Cost estimates for this project will be produced in-house. RND maintains a detailed database of current construction cost information from recently bid projects. We also subscribe to nationally published construction cost resources which assist us in tracking cost inflections.*

These tools allow us to individually customize cost estimates with great accuracy for our clients. Additionally, our design team’s fluency with Building Information Modeling tools enables us to produce highly accurate material quantities to aid in our estimation. RND will provide schematic cost estimates with each of our proposed designs and detailed estimates at each project milestone.

The chart below illustrates our recent experience with cost estimation and bid results.

Project Name	CD Estimate	Bid Result	% Difference
Durham County Judicial Annex Building Renovation	\$3,838,807	\$3,817,000	- 0.6%
UNC Chapel Hill Multiple Elevator Modernizations	\$607,156	\$580,000	- 4.7%
UNC-CH Taylor Student Health Services Renovation	\$2,211,732	\$2,255,508	1.9%
NCSU Case Dining Improvements	\$881,700	\$820,600	- 7.4%
City of Durham Buswash Repairs	\$181,750	\$169,904	-7.0%
City of Durham SWM Annex Renovation + Truckwash	\$1,909,250	\$1,891,119	- 1.0%
Town of Hillsborough Annex Renovations	\$1,265,758	\$1,420,927	10.9%
NCSU Erdahl Cloyd Restroom Renovations	\$315,000	\$305,180	-3.2%
Salisbury State VA Home Renovation and Addition	\$5,000,000	\$5,202,000	3.9%
NCSU College of Veterinary Medicine MRI Replacement	\$26,630	\$258,076	-1.0%
City of Durham Park Restrooms Phase III	\$293,355	\$293,450	0.0%
NCSU Makerspace 3D Print Lab Renovation	\$262,259	\$266,191	1.5%
NCSU Erdahl Cloyd Terrace Renovation	\$302,148	\$286,553	-5.4%
Kinston State VA Home Security Improvements	\$465,200	\$463,045	-0.5%
Black Mountain State VA Home Security Improvements	\$468,400	\$477,900	2.0%
NCSU Library Faculty Research Commons Renovation	\$369,575	\$374,770	1.4%
Durham Armory Interior Ceiling Replacement	\$278,600	\$283,800	1.8%
NC DOJ Western Regional Crime Lab	\$14,627,486	\$14,468,100	-1.1%

## 4.6: CONSTRUCTION ADMINISTRATION CAPABILITIES

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*Construction Administration plays a vital role in the success of a project. RND understands the significance of this project phase and has generated a proven model of success for our CA efforts. Our approach is rooted in a desire to promote respect, demonstrate effective leadership, and generate project enthusiasm. Throughout this project phase we will devote ourselves to upholding the following model:*

The team outlined in this proposal will remain constant throughout the entire project life-cycle.

To maintain continuity of design ideas and information, the Principal-In-Charge, Charles, Architectural Designer, Emily, and Project Architect, Steve, will remain with the project from inception to completion.

Steve Pulling has performed CA services for over 27 years. He will perform site visits, produce punch lists, and provide on-site assistance.

Each team member is fluent in Revit Technology, enabling our team members to communicate on a highly technical level and identify conflicts prior to their impact on the project.

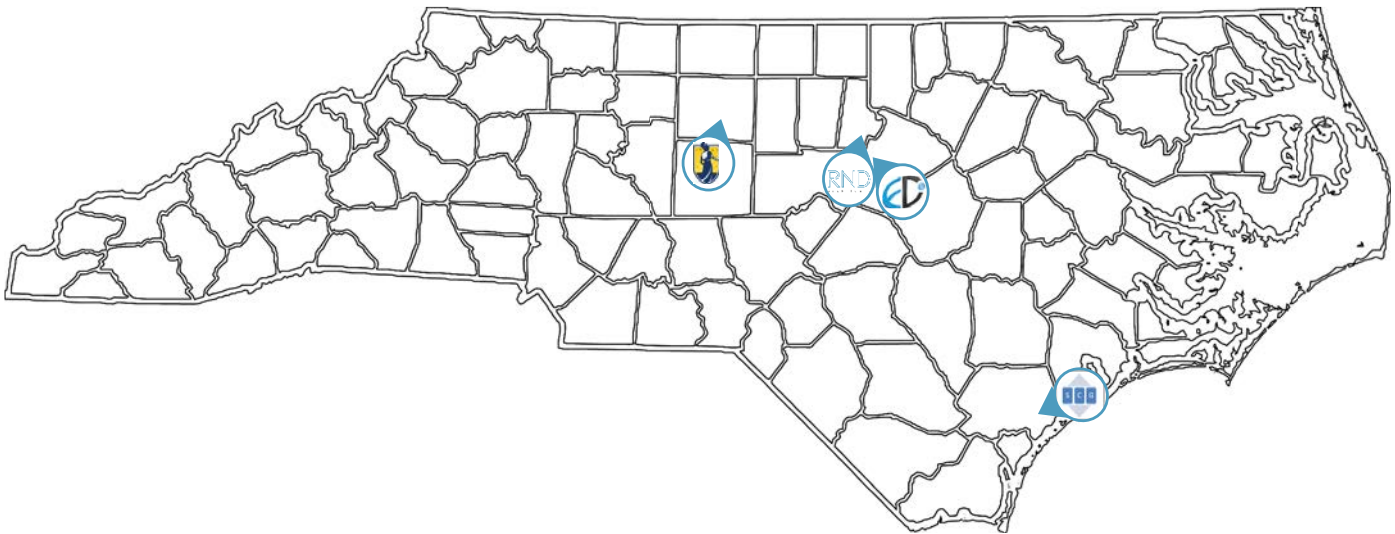
We will schedule and attend routine site visits throughout construction to monitor the schedule, conduct inspections, and provide quality assurance.

Once construction is complete, our team will ensure UNCG receives all contract required warranties and guarantees. We'll also create a comprehensive as-built set for your records.

## 4.7: PROXIMITY TO AND FAMILIARITY WITH PROJECT AREA

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RND Architects is a **Durham-based architectural firm**. Our office is 1 hour from UNCG's campus. **Our consultant teams are also all local and will be readily accessible throughout the project.** As a result, we will be able to routinely visit the project site for investigations, design meetings, and construction administration services.



## 4.8: RECORD OF SUCCESS

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RND has an exceptional record. **Since our founding in 1987, we have completed over one-thousand successful projects.** RND Architects, along with our consultants, flourish from repeat work with past clients.

In order to testify to our past performances on similar projects, we encourage you to contact our references for additional information.

### ANGKANA BODE

Project Manager, Capital Project Management  
North Carolina State University  
(919) 515.8062  
[angkana\\_bode@ncsu.edu](mailto:angkana_bode@ncsu.edu)

### EUGENE TASHIRO

Project Manager, Facilities Engineering  
East Carolina University  
(252) 328.6858  
[tashiroe@ecu.edu](mailto:tashiroe@ecu.edu)

### BRAD MOORE

University Architect and Director of Planning,  
Design, & Construction Management  
Elon University  
(336) 278.5492  
[bmoore6@elon.edu](mailto:bmoore6@elon.edu)

# 4.9: ENERGY CONSERVATION | LEED EXPERIENCE

## TRANSIT OPERATIONS CENTER

Raleigh, NC | Completed in 2009

The Raleigh Transit Operations Center is a six-building campus on a 23-acre site. Buildings include a 27,300 square foot Administration Building, a 55,900 square foot Maintenance Building, a 7,000 square foot Wash Building, a 2-lane Fuel Fare Facility, and a Bus Shelter.

Mechanical and plumbing systems design include a geothermal system utilizing water-source heat pumps and geothermal well fields, chilled beams, radiant heat floor systems, ultra-low water flow water saving fixtures, oil/water separators, and high-efficient equipment. It is the first integrated administration and maintenance facility of its kind in the nation to achieve LEED Platinum certification. Additional sustainable features include reflective roof membranes and light-colored concrete paving, natural light and occupancy sensors, and rainwater collection cisterns.

TOTAL COST: \$24M

SQUARE FOOTAGE: 90,200 SF



### AWARDS:

- American Public Works Association, National Project of the Year
- Sir Walter Raleigh Award for Community Appearance
- City of Raleigh Environmental Award
- Carolina ABC, Excellence in Construction
- TBJ Real Estate Award, Sustainable Project of the Year



## DURHAM COUNTY SHERIFF'S TRAINING FACILITY

Durham, NC | In-Progress

RND Architects is leading a multidisciplinary team to transform a deteriorating outdoor qualifications range on a former landfill into a state-of-the-art law enforcement training facility with sustainable and resilient features. The project includes a 10,000 SF building with training, classroom, and range support spaces, advancing community and County justice goals. Renovations incorporate target trap reclamation and small support structures, while the efficient building enhances training capacity without impacting greenfield sites. The project also integrates solar PV panels, solar hot water systems, and Duke Energy's Design Assistance programs. Currently Seeking LEED Silver Certification.

TOTAL COST: \$16.5M

SQUARE FOOTAGE: 10,000 SF



## DURHAM COUNTY JUDICIAL ANNEX RENOVATION

Durham, NC | Completed in 2020

RND led a comprehensive renovation of the building's 2nd and 3rd floors as well as MEP improvements and roof replacements. The team performed asbestos abatement and lead paint surveys, as well as abatement design and construction monitoring/testing. RND was able to complete renovations while the building stayed open for operation. RND led a comprehensive renovation of the building's 2nd and 3rd floors as well as MEP improvements and roof replacements. The team performed asbestos abatement and lead paint surveys, as well as abatement design and construction monitoring/testing. RND was able to complete renovations while the building stayed open for operation. Currently seeking LEED Certification.

TOTAL COST: \$4.9M

SQUARE FOOTAGE: 25,100 SF

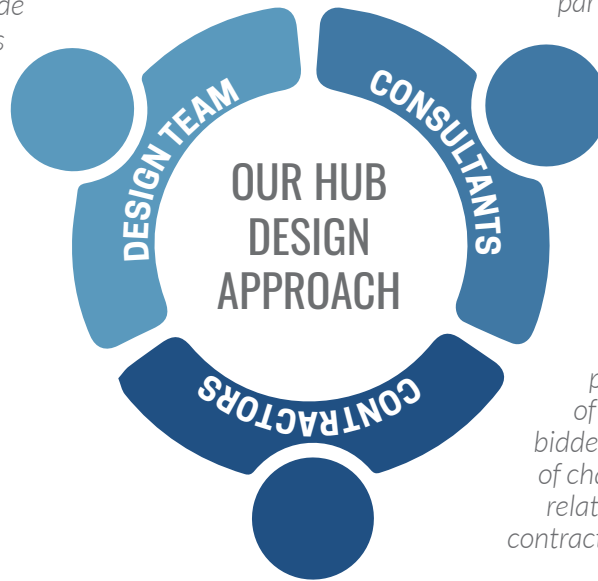


# TAB 5: HUB PARTICIPATION

RND recognizes and values the significance of Historically Underutilized Businesses. We respect and appreciate the unique perspectives of a diverse workforce and welcome diversity in our employees, clients, consultants, and suppliers.

## DESIGN TEAM

RND's Principles for Responsible Business reflect our commitment to provide equal employment opportunities for all applicants and employees without regard to factors such as: Race/color, religion, gender, national origin or ancestry, age, marital status, gender identity, sexual orientation, or disability.



## CONSULTANTS

RND is committed to the diversity and HUB participation goals of ECU. We have never been disqualified from a project due to an inability to meet HUB participation goals and have always met or exceeded these expectations.

## CONTRACTORS

During the bidding phase, we provide electronic bid documents of all our projects to any interested bidder, sub-contractor, or supplier free of charge. We have established strong relationships with many NC minority contractors and actively encourage their participation in our projects.

## Our Outreach Strategy

RND deeply respects and values the unique perspectives and opportunities offered by diversity in our workplace and project teams. Though we are not a HUB certified firm, we employ an equal ration of males and females in our office with backgrounds in varying disciplines to enrich our design and management teams. We encourage diversity in our employees, customers, consultants, and suppliers without regard to non job-related factors such as race, religion, gender, national origin or ancestry, age, marital status, gender identity, sexual orientation, or disability.

Over 80% of our completed projects include HUB firms on our design teams. We have never been disqualified from a project due to an inability to meet HUB participation goals and have consistently met or exceeded these expectations in every project.

During pre-bid conferences, our team will emphasize the importance of soliciting certified minority businesses for sub-contracting opportunities. We strongly encourage prime contractors to solicit bids for sub-contractors from minority businesses so that project materials can be sourced from disadvantaged parties.

We also provide electronic bid documents to any interested bidder, sub-contractor, or supplier free of charge. This removes any financial burden that may prevent a small business from engaging in your project and it encourages participation.

# TAB 5: RECENT HUB PARTICIPATION

Recent Project	HUB/MWBE Firms Utilized	Participation
NCSU Council Building Demolition	Gardner & McDaniel, PA (W) CLH Design (W)	12%
Wake County Animal Shelter	Maria Lindqvist Designs (W) CLH Design (W) Lynch Mykins (W) 35 North (D)	20%
NCSU Williams Hall Phase Lab Renovation	Maria Lindqvist Designs (W) <b>Engineered Designs, Inc. (M)</b>	49%
NCDOA Dobbs Building Restroom Renovations	Maria Lindqvist Designs (W)	17%
NCDOA Bath Building Demolition and Site Stabilization	CLH Design (W) Gardner & McDaniel, PA (W) 35 North (D)	15%
Durham County Board of Elections Renovation	Maria Lindqvist Designs (W) <b>Engineered Designs, Inc. (M)</b> J&A Engineering (HA) Gardner & McDaniel, PA (W)	34%
NCCU Taylor Education Building Renovation	Maria Lindqvist Designs (W) Lynch Mykins (W) 35 North (D)	10%
Durham County SLW Library Renovation	Maria Lindqvist Designs (W)	15%
Durham County Sheriff's Training Facility	Maria Lindqvist Designs (W) <b>Engineered Designs, Inc. (M)</b> Gardner & McDaniel, PA (W)	26%
Elon University Francis Center Renovation	Gardner & McDaniel, PA (W)	4%
Town of Cary Carpenter Fire Station Park	<b>Engineered Designs, Inc. (M)</b> Surface 678 (AA) Lynch Mykins (W)	72%
Town of Cary McCrimmon Park	<b>Engineered Designs, Inc. (M)</b> Surface 678 (AA) Lynch Mykins (W)	72%
Hillsborough Water Treatment Facility Master Plan	Gardner & McDaniel, PA (W)	5%
Durham County Judicial Annex Building Renovation	Gardner & McDaniel, PA (W)	3%
UNC-CH Taylor Health Renovation	Stewart (HA) Gardner & McDaniel, PA (W)	14%
NC DMVA Salisbury State VA Home Reno & Addition	Surface 678 (AA) Stewart (HA) Gardner & McDaniel, PA (W) A1 Consulting (AA)	24%
NC DOJ State Crime Lab 4th Floor Renovation	Gardner & McDaniel, PA (W)	5%
<b>Average HUB/MWBE Firm Participation</b>		<b>23%</b>

# TAB 6: SF-330

## A. CONTRACT INFORMATION

1. TITLE AND LOCATION (CITY AND STATE) <b>UNCG Campus Elevator Replacements, Renovations and Upgrades (UNCG - Greensboro, NC)</b>		
2. PUBLIC NOTICE DATE <b>08/20/2025</b>	3. SOLICITATION OR PROJECT NUMBER <b>#287-30231</b>	

## B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE <b>Charles Nickelson, AIA, Principal Architect</b>		
5. NAME OF FIRM <b>RND Architects, PA</b>		
6. TELEPHONE NUMBER <b>919.490.1266 (ext. 111)</b>	7. FAX NUMBER <b>919.490.1396</b>	8. EMAIL ADDRESS <b>Charles@RNDpa.com</b>

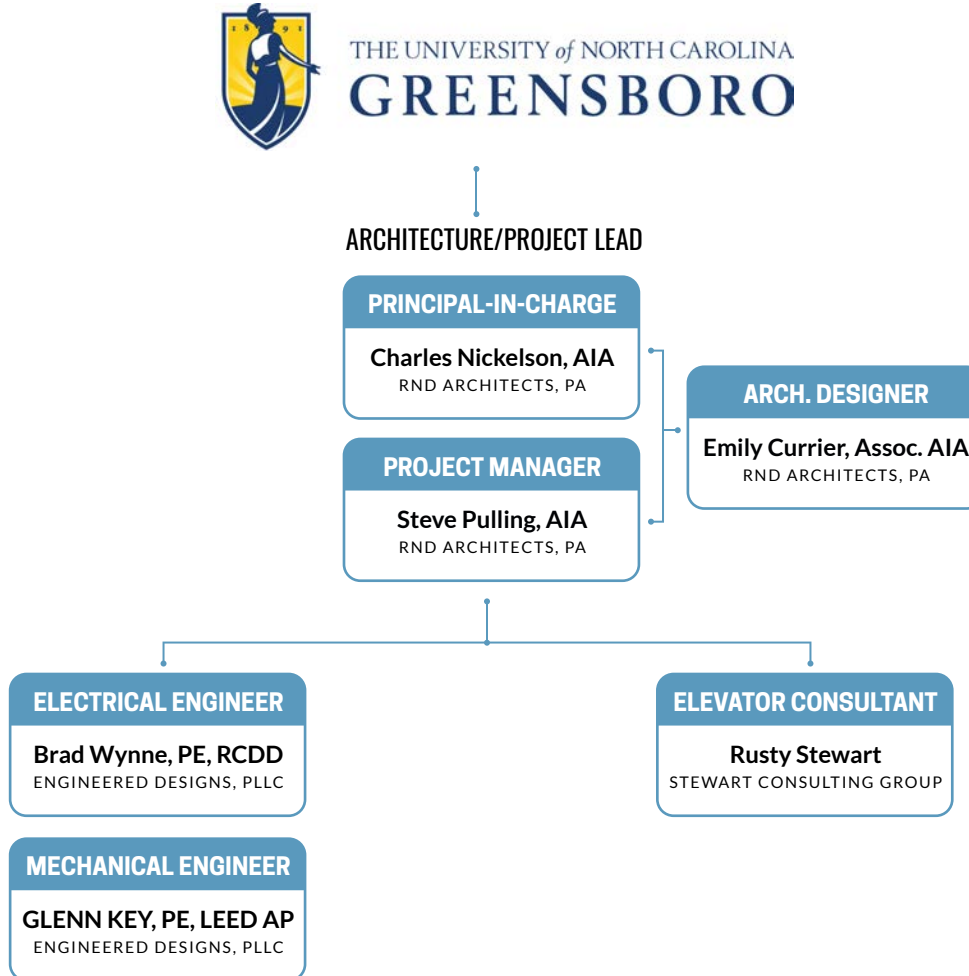
## C. PROPOSED TEAM

(COMPLETE THIS SECTION FOR THE PRIME CONTRACTOR AND ALL KEY SUBCONTRACTORS)

	(Check)			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V PARTNER	SUB CONTRACTOR			
<b>A.</b>	<b>X</b>			<b>RND ARCHITECTS, PA</b> <input type="checkbox"/> CHECK IF BRANCH OFFICE	3608 University Drive Suite 204 Durham, NC 27707	Architecture
<b>B.</b>			<b>X</b>	<b>STEWART ELEVATOR CONSULTING</b> <input type="checkbox"/> CHECK IF BRANCH OFFICE	1172 Mallard Bay Road Hampstead, NC 28443	Elevator Consultant
<b>C.</b>			<b>X</b>	<b>ENGINEERED DESIGNS, PLLC</b> <input type="checkbox"/> CHECK IF BRANCH OFFICE	1151 SE Cary Pkwy Ste 200, Cary, NC 27518	MEP Consultant

## D. ORGANIZATIONAL CHART OF PROPOSED TEAM

### UNIVERSITY OF NORTH CAROLINA, GREENSBORO - CAMPUS ELEVATOR REPLACEMENTS, RENOVATIONS, & UPGRADES PROPOSED PROJECT TEAM



***RND has a long history of success collaborating with both Engineered Designs and Stewart Elevator Consulting.***

*Together, we have completed numerous renovation and elevator modernization projects varying in scope and scale. We are intimately familiar with each team's workflows and, as a result, have established efficient lines of communication with all team members.*

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS PROJECT

	12. NAME <b>CHARLES NICKELSON, AIA</b>	13. ROLE IN THIS CONTRACT <b>PRINCIPAL-IN-CHARGE</b>	13. YEARS OF EXPERIENCE	
			A. TOTAL <b>34</b>	B. WITH CURRENT FIRM <b>27</b>
15. FIRM NAME AND LOCATION (CITY AND STATE) <b>RND Architects, PA (Durham, NC)</b>				
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>Bachelor of Architecture - University of Oregon</b> <b>Additional studies at the Universitat Stuttgart in Germany</b>		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>North Carolina - Registered Architect #7835</b>		
18. OTHER PROFESSIONAL QUALIFICATIONS (PUBLICATIONS, ORGANIZATIONS, TRAINING, AWARDS, ETC.) Charles has served as Principal and Project Manager on an extraordinary number of projects for North Carolina universities. His attention to detail and superior design skills have resulted in multiple awards for his renovation and adaptive re-use projects and he is extremely familiar with renovation codes, procedures, and processes.				

## 19. RELEVANT PROJECTS

<b>A.</b>	1. TITLE AND LOCATION (CITY AND STATE) <b>ASU PANHELLENIC ELEVATOR MODERNIZATION</b> <b>Boone, NC</b>	2. YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (if applicable) <b>2019</b>
	3. BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM Project involved the modernization of two shaft, seven-stop elevators. Work also included the replacement of drives, cables, doors, operators, controllers, associated life safety systems, and cab interior finishes		
	<b>SIZE: 2 Elevators</b>	<b>COST: \$750,000</b>	<b>ROLE: Principal-In-Charge</b>
<b>B.</b>	1. TITLE AND LOCATION (CITY AND STATE) <b>NC DOA GOV COMPLEX ELEVATORS &amp; ESCALATORS - NEW EDUCATION BUILDING</b> <b>Raleigh, NC</b>	2. YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2022</b>	CONSTRUCTION (if applicable) <b>2025</b>
	3. BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE Modernization for elevators, escalators, and ADA lifts in multiple buildings in the Downtown State Government Complex in Raleigh.		
	<b>SIZE: 6 Elevators</b>	<b>COST: \$3,753,917</b>	<b>ROLE: Principal-In-Charge</b>
<b>C.</b>	1. TITLE AND LOCATION (CITY AND STATE) <b>NCCU DENT BUILDING ELEVATOR ADDITION</b> <b>Durham, NC</b>	2. YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2013</b>	CONSTRUCTION (if applicable) <b>2014</b>
	3. BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM addition of a four-stop exterior elevator with exterior lobbies to an existing brick structure on NCCU's campus.		
	<b>SIZE: 1 Elevator</b>	<b>COST: \$263,000</b>	<b>ROLE: Principal-In-Charge</b>
<b>D.</b>	1. TITLE AND LOCATION (CITY AND STATE) <b>NC DNCR MUSEUM OF NATURAL SCIENCES ELEVATOR MODERNIZATIONS</b> <b>Raleigh, NC</b>	2. YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2023</b>	CONSTRUCTION (if applicable) <b>2025</b>
	3. BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM Updating controls and car and corridor fixtures on a freight and passenger elevator for ADA compliance. Work also included updated door operators, hoistway door equipment, bi-parting hoistway doors and car gates, roller guides, hoist machines, motors, and wiring.		
	<b>SIZE: 4 Elevators</b>	<b>COST: \$2,039,500</b>	<b>ROLE: Principal-In-Charge</b>
<b>E.</b>	1. TITLE AND LOCATION (CITY AND STATE) <b>NC DOA GOV COMPLEX ELEVATORS &amp; ESCALATORS - NEW REVENUE BUILDING</b> <b>Raleigh, NC</b>	2. YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2022</b>	CONSTRUCTION (if applicable) <b>2026</b>
	3. BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM Modernization for elevators, escalators, and ADA lifts in multiple buildings in the Downtown State Government Complex in Raleigh.		
	<b>SIZE: 6 Elevators</b>	<b>COST: \$3,522,254</b>	<b>ROLE: Principal-In-Charge</b>

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS PROJECT



12. NAME <b>STEVE PULLING, AIA</b>	13. ROLE IN THIS CONTRACT <b>PROJECT ARCHITECT</b>	13. YEARS OF EXPERIENCE A. TOTAL <b>23</b>		B. WITH CURRENT FIRM <b>19</b>
15. FIRM NAME AND LOCATION (CITY AND STATE) <b>RND Architects, PA (Durham, NC)</b>				
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>Bachelor of Science in Biology - Carroll College</b> <b>Masters of Architecture - NC State University</b>	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>North Carolina - Registered Architect #11666</b>			
18. OTHER PROFESSIONAL QUALIFICATIONS (PUBLICATIONS, ORGANIZATIONS, TRAINING, AWARDS, ETC.) Steve plays an integral role on the RND design team. Prior to his career in architecture, he worked in the construction industry for ten years. He has an intimate, working knowledge of the entire building process and provides expert solutions to on-site problems.				

### 19. RELEVANT PROJECTS

<b>A.</b>	1. TITLE AND LOCATION (CITY AND STATE) <b>ASU PANHELLENIC ELEVATOR MODERNIZATION</b> Boone, NC	2. YEAR COMPLETED		
		PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (if applicable) <b>2019</b>	
	3. BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM Project involved the modernization of two shaft, seven-stop elevators. Work also included the replacement of drives, cables, doors, operators, controllers, associated life safety systems, and cab interior finishes			
	<b>SIZE: 2 Elevators</b>	<b>COST: \$750,000</b>	<b>ROLE: Project Architect   Construction Administration</b>	
<b>B.</b>	1. TITLE AND LOCATION (CITY AND STATE) <b>NC DOA GOV COMPLEX ELEVATORS &amp; ESCALATORS - NEW EDUCATION BUILDING</b> Raleigh, NC	2. YEAR COMPLETED		
		PROFESSIONAL SERVICES <b>2022</b>	CONSTRUCTION (if applicable) <b>2025</b>	
	3. BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE Modernization for elevators, escalators, and ADA lifts in multiple buildings in the Downtown State Government Complex in Raleigh.			
	<b>SIZE: 6 Elevators</b>	<b>COST: \$3,753,917</b>	<b>ROLE: Project Architect   Construction Administration</b>	
<b>C.</b>	1. TITLE AND LOCATION (CITY AND STATE) <b>NCCU DENT BUILDING ELEVATOR ADDITION</b> Durham, NC	2. YEAR COMPLETED		
		PROFESSIONAL SERVICES <b>2013</b>	CONSTRUCTION (if applicable) <b>2014</b>	
	3. BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM addition of a four-stop exterior elevator with exterior lobbies to an existing brick structure on NCCU's campus.			
	<b>SIZE: 1 Elevator</b>	<b>COST: \$263,000</b>	<b>ROLE: Project Architect   Construction Administration</b>	
<b>D.</b>	1. TITLE AND LOCATION (CITY AND STATE) <b>NC DNCR MUSEUM OF NATURAL SCIENCES ELEVATOR MODERNIZATIONS</b> Raleigh, NC	2. YEAR COMPLETED		
		PROFESSIONAL SERVICES <b>2023</b>	CONSTRUCTION (if applicable) <b>2025</b>	
	3. BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM Updating controls and car and corridor fixtures on a freight and passenger elevator for ADA compliance. Work also included updated door operators, hoistway door equipment, bi-parting hoistway doors and car gates, roller guides, hoist machines, motors, and wiring.			
	<b>SIZE: 4 Elevators</b>	<b>COST: \$2,039,500</b>	<b>ROLE: Project Architect   Construction Administration</b>	
<b>E.</b>	1. TITLE AND LOCATION (CITY AND STATE) <b>NC DOA GOV COMPLEX ELEVATORS &amp; ESCALATORS - NEW REVENUE BUILDING</b> Raleigh, NC	2. YEAR COMPLETED		
		PROFESSIONAL SERVICES <b>2022</b>	CONSTRUCTION (if applicable) <b>2026</b>	
	3. BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM Modernization for elevators, escalators, and ADA lifts in multiple buildings in the Downtown State Government Complex in Raleigh.			
	<b>SIZE: 6 Elevators</b>	<b>COST: \$3,522,254</b>	<b>ROLE: Project Architect   Construction Administration</b>	

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS PROJECT



	12. NAME <b>EMILY CURRIER, ASOOC. AIA</b>	13. ROLE IN THIS CONTRACT <b>ARCHITECTURAL DESIGNER</b>	13. YEARS OF EXPERIENCE	
	15. FIRM NAME AND LOCATION (CITY AND STATE) <b>RND Architects, PA (Durham, NC)</b>		A. TOTAL <b>5</b>	B. WITH CURRENT FIRM <b>2</b>
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>Masters of Architecture, Norwich University</b>		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>Assoc. AIA</b>		
18. OTHER PROFESSIONAL QUALIFICATIONS (PUBLICATIONS, ORGANIZATIONS, TRAINING, AWARDS, ETC.) Emily has a keen eye for creating functional and visually influential spaces, whether it be higher education or healthcare. Some of her most notable projects include the Duke Office of Counsel, UNC Chapel Hill's Carroll and Dey Halls, and Elevator Mods for Raleigh's Downtown Government Complex. Emily is a highly motivated and dedicated designer who is determined to deliver successful design solutions.				



## 19. RELEVANT PROJECTS

<b>A.</b>	1. TITLE AND LOCATION (CITY AND STATE) <b>NC DOA GOV COMPLEX ELEVATORS &amp; ESCALATORS - NEW REVENUE BUILDING</b> Raleigh, NC	2. YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2022</b>	CONSTRUCTION (if applicable) <b>2026</b>
	3. BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM Modernization for elevators, escalators, and ADA lifts in multiple buildings in the Downtown State Government Complex in Raleigh.		
	<b>SIZE: 6 Elevators</b>	<b>COST: \$3,522,254</b>	<b>ROLE: Architectural Designer</b>
<b>B.</b>	1. TITLE AND LOCATION (CITY AND STATE) <b>NC DOA GOV COMPLEX ELEVATORS &amp; ESCALATORS - NEW EDUCATION BUILDING</b> Raleigh, NC	2. YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2022</b>	CONSTRUCTION (if applicable) <b>2025</b>
	3. BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM Modernization for elevators, escalators, and ADA lifts in multiple buildings in the Downtown State Government Complex in Raleigh.		
	<b>SIZE: 6 Elevators</b>	<b>COST: \$3,753,917</b>	<b>ROLE: Architectural Designer</b>
<b>C.</b>	1. TITLE AND LOCATION (CITY AND STATE) <b>NC DOA GOV COMPLEX ELEVATORS &amp; ESCALATORS - PARKING DECK 75 &amp; 76</b> Raleigh, NC	2. YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2022</b>	CONSTRUCTION (if applicable) <b>IN DESIGN</b>
	3. BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM Modernization for elevators, escalators, and ADA lifts in multiple buildings in the Downtown State Government Complex in Raleigh.		
	<b>SIZE: 4 Elevators</b>	<b>COST: \$3,049,953</b>	<b>ROLE: Architectural Designer</b>
<b>D.</b>	1. TITLE AND LOCATION (CITY AND STATE) <b>NC DOA GOV COMPLEX ELEVATORS &amp; ESCALATORS - STATE CRIME LAB</b> Raleigh, NC	2. YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2022</b>	CONSTRUCTION (if applicable) <b>IN DESIGN</b>
	3. BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE Modernization for elevators, escalators, and ADA lifts in multiple buildings in the Downtown State Government Complex in Raleigh.		
	<b>SIZE: 3 Elevators</b>	<b>COST: \$1,673,244</b>	<b>ROLE: Architectural Designer</b>
<b>D.</b>	1. TITLE AND LOCATION (CITY AND STATE) <b>NC DNCR MUSEUM OF NATURAL SCIENCES ELEVATOR MODERNIZATIONS</b> Raleigh, NC	2. YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2023</b>	CONSTRUCTION (if applicable) <b>2025</b>
	3. BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE Updating controls and car and corridor fixtures on a freight and passenger elevator for ADA compliance. Work also included updated door operators, hoistway door equipment, bi-parting hoistway doors and car gates, roller guides, hoist machines, motors, and wiring.		
	<b>SIZE: 4 Elevators</b>	<b>COST: \$2,039,500</b>	<b>ROLE: Architectural Designer</b>



## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS PROJECT

	12. NAME <b>RUSTY STEWART, PE</b>	13. ROLE IN THIS CONTRACT <b>ELEVATOR CONSULTANT</b>	13. YEARS OF EXPERIENCE	
			A. TOTAL <b>37</b>	B. WITH CURRENT FIRM <b>27</b>
15. FIRM NAME AND LOCATION (CITY AND STATE) <b>Stewart Consulting Group (Hampstead, NC)</b>				
				
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>Johnson Community College - Kansas Vertical Transportation Safety Office/Chief Elevator Inspector for the Department of Defense (33 years)</b>			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>American Society of Mechanical Engineers; National Association of Elevator Safety Authorities; International QEI: #653</b>	
18. OTHER PROFESSIONAL QUALIFICATIONS (PUBLICATIONS, ORGANIZATIONS, TRAINING, AWARDS, ETC.)				

## 19. RELEVANT PROJECTS

<b>A.</b>	1. TITLE AND LOCATION (CITY AND STATE) <b>ASU PANHELLENIC ELEVATOR MODERNIZATION Boone, NC</b>	2. YEAR COMPLETED		
		PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (if applicable) <b>2019</b>	
	3. BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM Project involved the modernization of two shaft, seven-stop elevators. Work also included the replacement of drives, cables, doors, operators, controllers, associated life safety systems, and cab interior finishes			
	<b>SIZE: 2 Elevators</b>	<b>COST: \$750,000</b>	<b>ROLE: Elevator Consultant</b>	
<b>B.</b>	1. TITLE AND LOCATION (CITY AND STATE) <b>NC DOA GOV COMPLEX ELEVATORS &amp; ESCALATORS - NEW EDUCATION BUILDING Raleigh, NC</b>	2. YEAR COMPLETED		
		PROFESSIONAL SERVICES <b>2022</b>	CONSTRUCTION (if applicable) <b>2025</b>	
	3. BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM Modernization for elevators, escalators, and ADA lifts in multiple buildings in the Downtown State Government Complex in Raleigh.			
	<b>SIZE: 6 Elevators</b>	<b>COST: \$3,753,917</b>	<b>ROLE: Elevator Consultant</b>	
<b>C.</b>	1. TITLE AND LOCATION (CITY AND STATE) <b>NCCU DENT BUILDING ELEVATOR ADDITION Durham, NC</b>	2. YEAR COMPLETED		
		PROFESSIONAL SERVICES <b>2013</b>	CONSTRUCTION (if applicable) <b>2014</b>	
	3. BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM addition of a four-stop exterior elevator with exterior lobbies to an existing brick structure on NCCU's campus.			
	<b>SIZE: 1 Elevator</b>	<b>COST: \$263,000</b>	<b>ROLE: Elevator Consultant</b>	
<b>D.</b>	1. TITLE AND LOCATION (CITY AND STATE) <b>NC DNCR MUSEUM OF NATURAL SCIENCES ELEVATOR MODERNIZATIONS Raleigh, NC</b>	2. YEAR COMPLETED		
		PROFESSIONAL SERVICES <b>2023</b>	CONSTRUCTION (if applicable) <b>2025</b>	
	3. BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM Updating controls and car and corridor fixtures on a freight and passenger elevator for ADA compliance. Work also included updated door operators, hoistway door equipment, bi-parting hoistway doors and car gates, roller guides, hoist machines, motors, and wiring.			
	<b>SIZE: 4 Elevators</b>	<b>COST: \$2,039,500</b>	<b>ROLE: Elevator Consultant</b>	
<b>E.</b>	1. TITLE AND LOCATION (CITY AND STATE) <b>NC DOA GOV COMPLEX ELEVATORS &amp; ESCALATORS - NEW REVENUE BUILDING Raleigh, NC</b>	2. YEAR COMPLETED		
		PROFESSIONAL SERVICES <b>2022</b>	CONSTRUCTION (if applicable) <b>2026</b>	
	3. BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM Modernization for elevators, escalators, and ADA lifts in multiple buildings in the Downtown State Government Complex in Raleigh.			
	<b>SIZE: 6 Elevators</b>	<b>COST: \$3,522,254</b>	<b>ROLE: Elevator Consultant</b>	

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS PROJECT

	12. NAME	13. ROLE IN THIS CONTRACT	13. YEARS OF EXPERIENCE	
	<b>BRAD WYNNE, PE, RCDD</b>	<b>PRINCIPAL &amp; SR. ELECTRICAL ENGINEER</b>	A. TOTAL	B. WITH CURRENT FIRM
			<b>21</b>	<b>15</b>
15. FIRM NAME AND LOCATION (CITY AND STATE)				
<b>Engineered Designs, PLLC (Cary, NC)</b>				
16. EDUCATION (DEGREE AND SPECIALIZATION)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)		
Bachelor of Science in Electrical Engineering		Professional Engineer - Virginia (#0402047453), North Carolina (#035026), South Carolina (#29157)		
18. OTHER PROFESSIONAL QUALIFICATIONS (PUBLICATIONS, ORGANIZATIONS, TRAINING, AWARDS, ETC.)				
Registered communication Distribution Designer (RCDD) (#344295)				

### 19. RELEVANT PROJECTS

<b>A.</b>	1. TITLE AND LOCATION (CITY AND STATE)	2. YEAR COMPLETED		
	<b>UNC-CH CARROLL &amp; DEY ELEVATOR MODERNIZATION</b> Chapel Hill, NC	PROFESSIONAL SERVICES <b>2023</b>	CONSTRUCTION (if applicable) <b>IN-PROGRESS</b>	
3. BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM</span>				
Design of new and renovated elevator systems for Carroll Hall and Dey Hall located on UNC-CH campus. The project includes a total of 3 elevators - 2 serving Carroll Hall and 1 serving Dey Hall.				
<b>SIZE:</b> 3 Elevators		<b>COST:</b> \$1,800,000	<b>ROLE:</b> Team Team Lead, Sr. Mechanical Engineer	
<b>B.</b>	1. TITLE AND LOCATION (CITY AND STATE)	2. YEAR COMPLETED		
	<b>DURHAM COUNTY DETENTION CENTER ELEVATOR UPGRADES</b> Durham, NC	PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (if applicable) <b>2021</b>	
3. BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM</span>				
Mechanical and electrical design services for the modernization of 6 existing overhead traction geared elevators. Electrical scope included providing new lighting in elevator machine room and elevator pits and fire alarm initiating devices in each lobby.				
<b>SIZE:</b> 6 Elevators		<b>COST:</b> \$1,900,000	<b>ROLE:</b> Team Lead, Sr. Electrical Engineer	
<b>C.</b>	1. TITLE AND LOCATION (CITY AND STATE)	2. YEAR COMPLETED		
	<b>GORALEIGH MOORE SQUARE TRANSIT STATION</b> Raleigh, NC	PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION (if applicable) <b>2017</b>	
3. BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM</span>				
MEP design and construction administration services for the renovation of the GoRaleigh Transit Station in downtown Raleigh. Project will provide new bathrooms, new elevators and stairs, a central ticketing window with screens displaying departures and arrivals, and a third lane for more buses.				
<b>COST:</b> \$9,500,000		<b>ROLE:</b> Sr. Electrical Engineer		
<b>D.</b>	1. TITLE AND LOCATION (CITY AND STATE)	2. YEAR COMPLETED		
	<b>GUILFORD TECHNICAL COMMUNITY COLLEGE DAVIS HALL ELEVATOR ADDITION</b> Jamestown, NC	PROFESSIONAL SERVICES <b>2020</b>	CONSTRUCTION (if applicable) <b>2022</b>	
3. BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM</span>				
Design, bid, and construction administration for a new elevator, lobby, and stair addition to the existing Davis Hall on Guilford Technical Community College's campus. Power was provided from panel space made available from separate Chiller Removal project.				
<b>ROLE:</b> Sr. Electrical Engineer				
<b>E.</b>	1. TITLE AND LOCATION (CITY AND STATE)	2. YEAR COMPLETED		
	<b>CITY OF RALEIGH TRANSIT OPERATIONS CENTER BUILDING</b> Raleigh, NC	PROFESSIONAL SERVICES <b>2009</b>	CONSTRUCTION (if applicable) <b>2011</b>	
3. BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM</span>				
6-building campus on a 23-acre site. Buildings include a 27,300 sqft Administration Building, a 55,900 sqft Maintenance Building, a 7,000sqft Wash Building, a 2-lane Fuel Fare Facility, and a Bus Shelter. The design included a geothermal system utilizing water-source heat pumps and geothermal well fields, chilled beams, radiant heat floor systems, ultra-low flow water saving fixtures, oil/water separators, and high-efficient equipment. First integrated admin and maintenance facility of its kind in the nation to achieve LEED Platinum certification. Additional sustainable features include reflective roof membranes and light-colored concrete paving, natural light and occupancy sensors, and rainwater collection cisterns.				
<b>SIZE:</b> 90,200 SF		<b>COST:</b> \$24,000,000	<b>ROLE:</b> Team Lead, Sr. Electrical Engineer	

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS PROJECT



12. NAME  <b>GLENN KEY, PE, LEED AP</b>	13. ROLE IN THIS CONTRACT  <b>PRINCIPAL &amp; SR. MECHANICAL ENGINEER</b>	13. YEARS OF EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
		<b>37</b>	<b>26</b>
15. FIRM NAME AND LOCATION (CITY AND STATE) <b>Engineered Designs, PLLC (Cary, NC)</b>			
16. EDUCATION (DEGREE AND SPECIALIZATION) BSMET, Mechanical Engineering Technology		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer - North Carolina (#034681), Virginia (#028964)	
18. OTHER PROFESSIONAL QUALIFICATIONS (PUBLICATIONS, ORGANIZATIONS, TRAINING, AWARDS, ETC.) LEED Accredited Professional			

### 19. RELEVANT PROJECTS

<b>A.</b>	1. TITLE AND LOCATION (CITY AND STATE) <b>GORALEIGH MOORE SQUARE TRANSIT STATION</b> Raleigh, NC	2. YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION (if applicable) <b>2017</b>
	3. BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM</span> MEP design and construction administration services for the renovation of the GoRaleigh Transit Station in downtown Raleigh. Project will provide new bathrooms, new elevators and stairs, a central ticketing window with screens displaying departures and arrivals, and a third lane for more buses.  <b>COST: \$9,500,000</b>		
		<b>ROLE: Sr. Mechanical Engineer</b>	
<b>B.</b>	1. TITLE AND LOCATION (CITY AND STATE) <b>GUILFORD TECHNICAL COMMUNITY COLLEGE</b> <b>DAVIS HALL ELEVATOR ADDITION</b> Jamestown, NC	2. YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2020</b>	CONSTRUCTION (if applicable) <b>2022</b>
	3. BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM</span> Design, bid, and construction administration for a new elevator, lobby, and stair addition to the existing Davis Hall on Guilford Technical Community College's campus. Power was provided from panel space made available from separate Chiller Removal project.  <b>ROLE: Sr. Mechanical Engineer</b>		
<b>C.</b>	1. TITLE AND LOCATION (CITY AND STATE) <b>CITY OF RALEIGH TRANSIT OPERATIONS CENTER BUILDING</b> Raleigh, NC	2. YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2009</b>	CONSTRUCTION (if applicable) <b>2011</b>
	3. BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM</span> 6-building campus on a 23-acre site. Buildings include a 27,300 sqft Administration Building, a 55,900 sqft Maintenance Building, a 7,000sqft Wash Building, a 2-lane Fuel Fare Facility, and a Bus Shelter. The design included a geothermal system utilizing water-source heat pumps and geothermal well fields, chilled beams, radiant heat floor systems, ultra-low flow water saving fixtures, oil/water separators, and high-efficient equipment. First integrated admin and maintenance facility of its kind in the nation to achieve LEED Platinum certification. Additional sustainable features include reflective roof membranes and light-colored concrete paving, natural light and occupancy sensors, and rainwater collection cisterns.  <b>SIZE: 90,200 SF</b> <b>COST: \$24,000,000</b>		
		<b>ROLE: Team Lead, Sr. Mechanical Engineer</b>	
<b>D.</b>	1. TITLE AND LOCATION (CITY AND STATE) <b>UNC-CH ARTS &amp; SCIENCES BUILDING RENOVATION</b> Chapel Hill, NC	2. YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2016</b>	CONSTRUCTION (if applicable) <b>2017</b>
	3. BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM</span> Renovation and reuse of existing 1966 mid-century building for the Arts & Sciences foundation. Renovation includes new elevator, upgrades for ADA compliance, new mechanical, electrical, and plumbing engineering systems, and new roof. Electrical design includes replacement of electrical panels.  <b>SIZE: 12,255 SF</b> <b>COST: \$1,800,000</b>		
		<b>ROLE: Team Lead, Sr. Mechanical Engineer</b>	
<b>D.</b>	1. TITLE AND LOCATION (CITY AND STATE) <b>UNC-CH ARTS &amp; SCIENCES BUILDING RENOVATION</b> Chapel Hill, NC	2. YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2016</b>	CONSTRUCTION (if applicable) <b>2017</b>
	3. BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM</span> Renovation and reuse of existing 1966 mid-century building for the Arts & Sciences foundation. Renovation includes new elevator, upgrades for ADA compliance, new mechanical, electrical, and plumbing engineering systems, and new roof. Electrical design includes replacement of electrical panels.  <b>SIZE: 12,255 SF</b> <b>COST: \$1,800,000</b>		
		<b>ROLE: Team Lead, Sr. Mechanical Engineer</b>	

## F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

20. EXAMPLE PROJECT KEY #

**1**

21. TITLE AND LOCATION (CITY AND STATE) <b>ASU PANHELLENIC HALL ELEVATOR MODERNIZATIONS</b> Boone, NC		22. YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (if applicable) <b>2019</b>
23. PROJECT OWNER'S INFORMATION			
A. PROJECT OWNER <b>Appalachian State University</b>	B. POINT OF CONTACT NAME <b>Mark Ward</b>	C. POINT OF CONTACT TELEPHONE NUMBER <b>828.262.8549</b>	

24. BRIEF DESCRIPTION OF THE PROJECT AND RELEVANCE TO THIS CONTRACT (INCLUDE SCOPE, SIZE, AND COST)



RND was awarded this multiple elevator modernization project on the Appalachian State University campus in Boone, NC. The project scope involved the modernization of two shaft, seven-stop elevators. Work also included the replacement of drives, cables, doors, operators, controllers, associated life safety systems, and cab interior finishes.

**Cost:** \$750,000  
**Size:** 2 Elevators

## 25. FIRMS INVOLVED WITH THIS PROJECT

<b>A.</b>	1. FIRM NAME <b>RND Architects, PA</b>	2. FIRM LOCATION (CITY AND STATE) <b>Durham, NC</b>	3. ROLE <b>Architecture</b>
<b>B.</b>	1. FIRM NAME <b>Stewart Elevator Consulting</b>	2. FIRM LOCATION (CITY AND STATE) <b>Hampstead, NC</b>	3. ROLE <b>Elevator Consultant</b>

## F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

20. EXAMPLE PROJECT KEY #

**2**

21. TITLE AND LOCATION (CITY AND STATE) <b>ASU APPALACHIAN HEIGHTS ELEVATOR MODERNIZATION</b> Boone, NC		22. YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2022</b>	CONSTRUCTION (if applicable) <b>2023</b>
23. PROJECT OWNER'S INFORMATION			
A. PROJECT OWNER <b>Appalachian State University</b>	B. POINT OF CONTACT NAME <b>Mark Ward</b>	C. POINT OF CONTACT TELEPHONE NUMBER <b>828.262.8549</b>	

24. BRIEF DESCRIPTION OF THE PROJECT AND RELEVANCE TO THIS CONTRACT (INCLUDE SCOPE, SIZE, AND COST)



Full modernization of one existing four stop hydraulic elevator located at Appalachian Heights Residence Hall. Scope of work includes HVAC improvements for the elevator machine room.

**Cost:** \$420,000

**Size:** 1 Elevator

## 25. FIRMS INVOLVED WITH THIS PROJECT

<b>A.</b>	1. FIRM NAME <b>RND Architects, PA</b>	2. FIRM LOCATION (CITY AND STATE) <b>Durham, NC</b>	3. ROLE <b>Architecture</b>
<b>B.</b>	1. FIRM NAME <b>Stewart Elevator Consulting</b>	2. FIRM LOCATION (CITY AND STATE) <b>Hampstead, NC</b>	3. ROLE <b>Elevator Consultant</b>

## F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

20. EXAMPLE PROJECT KEY #

**3**

21. TITLE AND LOCATION (CITY AND STATE) <b>ASU NEWLAND HALL BUILDING ENVELOPE, ELEVATOR, HVAC, &amp; ELECTRICAL IMPROVEMENTS</b> Boone, NC		22. YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2022</b>	CONSTRUCTION (if applicable) <b>N/A</b>
23. PROJECT OWNER'S INFORMATION			
A. PROJECT OWNER <b>Appalachian State University</b>	B. POINT OF CONTACT NAME <b>Mark Ward</b>	C. POINT OF CONTACT TELEPHONE NUMBER <b>828.262.8549</b>	

24. BRIEF DESCRIPTION OF THE PROJECT AND RELEVANCE TO THIS CONTRACT (INCLUDE SCOPE, SIZE, AND COST)



In 2022 ASU selected RND and the proposed team for the Newland Residence Hall Building Envelope, Elevator, HVAC and Electrical Improvements project. The scope of work included replacement and repair of roofing components, above-grade building envelope repairs, below-grade foundation waterproofing, replacement of the unit and common corridor HVAC improvements to lower humidity and associated condensate issues, electrical improvements, elevator modernization, and site improvements to improve storm drainage and remove accessibility barriers.

In 2023 after design and bidding, ASU placed the project on hold to evaluate the site as a potential location for a future residence hall.

**Budget:** \$6,998,700

**Size:** 65,259 SF

## 25. FIRMS INVOLVED WITH THIS PROJECT

<b>A.</b>	1. FIRM NAME <b>RND Architects, PA</b>	2. FIRM LOCATION (CITY AND STATE) <b>Durham, NC</b>	3. ROLE <b>Architecture</b>
<b>B.</b>	1. FIRM NAME <b>Stewart Elevator Consulting</b>	2. FIRM LOCATION (CITY AND STATE) <b>Hampstead, NC</b>	3. ROLE <b>Elevator Consultant</b>

## F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

20. EXAMPLE PROJECT KEY #

**4**

21. TITLE AND LOCATION (CITY AND STATE)

**DOWNTOWN PARKING GARAGE ELEVATOR MODERNIZATIONS**  
Chapel Hill, NC

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
**2017**

CONSTRUCTION (if applicable)  
**2019**

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER

**City of Durham**

B. POINT OF CONTACT NAME

**Todd Tingler**

C. POINT OF CONTACT TELEPHONE NUMBER

**919.560.4197**

24. BRIEF DESCRIPTION OF THE PROJECT AND RELEVANCE TO THIS CONTRACT (INCLUDE SCOPE, SIZE, AND COST)



Occupied modernization of seven elevators in multiple downtown Durham parking garages. The project scope included three hydraulic elevator modernizations at the Durham Centre Parking Garage and four traction elevator modernizations at the Chapel Hill Street Parking Garage and Corcoran Street Parking Garage.

**Cost:** \$1,600,000

**Size:** 7 Elevators

## 25. FIRMS INVOLVED WITH THIS PROJECT

<b>A.</b>	1. FIRM NAME <b>RND Architects, PA</b>	2. FIRM LOCATION (CITY AND STATE) <b>Durham, NC</b>	3. ROLE <b>Architecture</b>
<b>B.</b>	1. FIRM NAME <b>Stewart Elevator Consulting</b>	2. FIRM LOCATION (CITY AND STATE) <b>Hampstead, NC</b>	3. ROLE <b>Elevator Consultant</b>

## F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

20. EXAMPLE PROJECT KEY #

# 5

21. TITLE AND LOCATION (CITY AND STATE) <b>NC CENTRAL UNIVERSITY DENT BUILDING ELEVATOR ADDITION</b> Durham, NC	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2013</b>	CONSTRUCTION (if applicable) <b>2014</b>

### 23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER <b>North Carolina Central University</b>	B. POINT OF CONTACT NAME <b>Mike Logan</b>	C. POINT OF CONTACT TELEPHONE NUMBER <b>919.530.7282</b>
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24. BRIEF DESCRIPTION OF THE PROJECT AND RELEVANCE TO THIS CONTRACT (INCLUDE SCOPE, SIZE, AND COST)



The scope of work for this project involved the addition of a four-stop exterior elevator with exterior lobbies to an existing brick structure on NCCU's campus. The addition provided handicap access from the exterior sidewalks to all floors of both the Dent Building and Dent Annex, while maintaining required egress to both.

In addition, an internal stair serving the Dent Building was demolished, as well as an exterior stair which connected the two buildings. Our team designed a new elevator, shaft enclosure, and exterior platforms to the elevator entries from both buildings at all levels.

**Cost:** \$263,000

**Size:** 1 Elevator

### 25. FIRMS INVOLVED WITH THIS PROJECT

<b>A.</b>	1. FIRM NAME <b>RND Architects, PA</b>	2. FIRM LOCATION (CITY AND STATE) <b>Durham, NC</b>	3. ROLE <b>Architecture</b>
<b>B.</b>	1. FIRM NAME <b>Stewart Elevator Consulting</b>	2. FIRM LOCATION (CITY AND STATE) <b>Hampstead, NC</b>	3. ROLE <b>Elevator Consultant</b>

## F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

20. EXAMPLE PROJECT KEY #

**6**

21. TITLE AND LOCATION (CITY AND STATE)

**UNC CHAPEL HILL HEALTH SCIENCE LIBRARY & MOREHEAD PLANIARIUM ELEVATOR MODERNIZATIONS**  
Chapel Hill, NC

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
**2017**

CONSTRUCTION (if applicable)  
**2019**

### 23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER  
**UNC Chapel Hill**

B. POINT OF CONTACT NAME  
**Joe Fenton**

C. POINT OF CONTACT TELEPHONE NUMBER  
**919.962.1215**

24. BRIEF DESCRIPTION OF THE PROJECT AND RELEVANCE TO THIS CONTRACT (INCLUDE SCOPE, SIZE, AND COST)



Modernization of three elevators on UNC Chapel Hill's main campus. The project involved upgrades to two traction elevators at the Health Science Library and the modernization of one elevator at the Morehead Planetarium.

**Cost:** \$825,000  
**Size:** 3 Elevators

### 25. FIRMS INVOLVED WITH THIS PROJECT

<b>A.</b>	1. FIRM NAME <b>RND Architects, PA</b>	2. FIRM LOCATION (CITY AND STATE) <b>Durham, NC</b>	3. ROLE <b>Architecture</b>
<b>B.</b>	1. FIRM NAME <b>Stewart Elevator Consulting</b>	2. FIRM LOCATION (CITY AND STATE) <b>Hampstead, NC</b>	3. ROLE <b>Elevator Consultant</b>

## F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

20. EXAMPLE PROJECT KEY #

**7**

21. TITLE AND LOCATION (CITY AND STATE) <b>ECU JENKINS FINE ARTS CENTER ELEVATOR MODERNIZATION</b> Greenville, NC		22. YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2014</b>	CONSTRUCTION (if applicable) <b>2016</b>
23. PROJECT OWNER'S INFORMATION			
A. PROJECT OWNER <b>East Carolina University</b>	B. POINT OF CONTACT NAME <b>Eugene Tashiro</b>	C. POINT OF CONTACT TELEPHONE NUMBER <b>252.328.6858</b>	

24. BRIEF DESCRIPTION OF THE PROJECT AND RELEVANCE TO THIS CONTRACT (INCLUDE SCOPE, SIZE, AND COST)



RND provided design and construction administration services for the modernization of two existing hydraulic elevators located in the Jenkins Fine Arts Building at East Carolina University. The project includes the full modernization of both elevators including improvements to the controls, door operators, fixtures, and cab interior fixtures.

**Cost:** \$368,000

**Size:** 2 Elevators

## 25. FIRMS INVOLVED WITH THIS PROJECT

<b>A.</b>	1. FIRM NAME <b>RND Architects, PA</b>	2. FIRM LOCATION (CITY AND STATE) <b>Durham, NC</b>	3. ROLE <b>Architecture</b>
<b>B.</b>	1. FIRM NAME <b>Stewart Elevator Consulting</b>	2. FIRM LOCATION (CITY AND STATE) <b>Hampstead, NC</b>	3. ROLE <b>Elevator Consultant</b>

## F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

20. EXAMPLE PROJECT KEY #

8

21. TITLE AND LOCATION (CITY AND STATE) <b>NC STATE VETERANS HOME - SALISBURY, RENOVATION &amp; ADDITION</b> Salisbury, NC		22. YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (if applicable) <b>2021</b>
23. PROJECT OWNER'S INFORMATION			
A. PROJECT OWNER <b>NC Department of Military &amp; Veterans Affairs</b>	B. POINT OF CONTACT NAME <b>James Woodward</b>	C. POINT OF CONTACT TELEPHONE NUMBER <b>984.204.2928</b>	

24. BRIEF DESCRIPTION OF THE PROJECT AND RELEVANCE TO THIS CONTRACT (INCLUDE SCOPE, SIZE, AND COST)



Modernization of two traction elevators at the Salisbury State VA Home as part of a full renovation. Each car received new interior finishes, fire stopping/hoistway repairs, and wall finish repairs at the lobby entrances. In addition, the modernizations include new controllers, door equipment, and fixtures. Improvements to both elevator cars were constructed simultaneously.

**Cost:** \$263,000  
**Size:** 2 Elevators

### 25. FIRMS INVOLVED WITH THIS PROJECT

<b>A.</b>	1. FIRM NAME <b>RND Architects, PA</b>	2. FIRM LOCATION (CITY AND STATE) <b>Durham, NC</b>	3. ROLE <b>Architecture</b>
<b>B.</b>	1. FIRM NAME <b>Stewart Elevator Consulting</b>	2. FIRM LOCATION (CITY AND STATE) <b>Hampstead, NC</b>	3. ROLE <b>Elevator Consultant</b>

## F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

20. EXAMPLE PROJECT KEY #

# 9

21. TITLE AND LOCATION (CITY AND STATE) <b>UNC-CH CARROLL &amp; DEY ELEVATOR MODERNIZATIONS</b> Chapel Hill, NC		22. YEAR COMPLETED PROFESSIONAL SERVICES <b>2023</b>	
		CONSTRUCTION (if applicable) <b>IN-PROGRESS</b>	
23. PROJECT OWNER'S INFORMATION			
A. PROJECT OWNER <b>UNC Chapel Hill</b>	B. POINT OF CONTACT NAME <b>Brad Milne, Muter Construction</b>	C. POINT OF CONTACT TELEPHONE NUMBER <b>919.404.8330</b>	

24. BRIEF DESCRIPTION OF THE PROJECT AND RELEVANCE TO THIS CONTRACT (INCLUDE SCOPE, SIZE, AND COST)



Design and modernization of elevator systems serving 2 existing buildings on UNC Chapel Hill's campus. Scope of work included the renovation and replacement of 2 elevators in Carroll Hall and 1 in Dey Hall, to improve reliability, accessibility, and compliance with current elevator code requirements.

The project also included coordinated upgrades to supporting building systems. HVAC modifications were designed to provide adequate cooling for elevator machine rooms and associated equipment spaces. The fire alarm systems in both buildings were upgraded to integrate with new elevator recall, monitoring, and annunciation functions. Two-way communication systems utilizing cellular technology were incorporated to meet current emergency responder and passenger safety requirements, ensuring full compliance with applicable codes.

The project also addressed adjacent architectural impacts, including the renovation of a study space in Dey Hall that was reconfigured to accommodate the new elevator machine room. This work included the installation of new lighting and modifications to the mechanical system to provide proper conditioning and outside air ventilation in accordance with current design standards.

**Cost:** \$1,800,000  
**Size:** 3 Elevators

### 25. FIRMS INVOLVED WITH THIS PROJECT

<b>A.</b>	1. FIRM NAME <b>RND Architects, PA</b>	2. FIRM LOCATION (CITY AND STATE) <b>Durham, NC</b>	3. ROLE <b>Architecture</b>
<b>B.</b>	1. FIRM NAME <b>Stewart Elevator Consulting</b>	2. FIRM LOCATION (CITY AND STATE) <b>Hampstead, NC</b>	3. ROLE <b>Elevator Consultant</b>
<b>C.</b>	1. FIRM NAME <b>Engineered Designs, PLLC</b>	2. FIRM LOCATION (CITY AND STATE) <b>Cary, NC</b>	3. ROLE <b>MEP Engineering</b>

## F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

20. EXAMPLE PROJECT KEY #

# 10

21. TITLE AND LOCATION (CITY AND STATE)

**NC DNCR MUSEUM OF NATURAL SCIENCES ELEVATOR MODERNIZATIONS**  
Raleigh, NC

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
**2021**

CONSTRUCTION (if applicable)  
**2025**

### 23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER

**NC DNCR**

B. POINT OF CONTACT NAME

**David Bateman**

C. POINT OF CONTACT TELEPHONE NUMBER

**919.616.4766**

24. BRIEF DESCRIPTION OF THE PROJECT AND RELEVANCE TO THIS CONTRACT (INCLUDE SCOPE, SIZE, AND COST)



Modernization of four existing elevators serving the North Carolina Museum of Natural Sciences. Scope of work includes new elevator cab finishes, sump pump installation in the pit of elevator three, electrical, fire alarm, and mechanical upgrades in compliance with DOL regulations, plus a bid alternate for adding CCTV security cameras integrated into the existing museum security system. Project is currently wrapping up.

**Cost:** \$2,039,500

**Size:** 4 Elevators

### 25. FIRMS INVOLVED WITH THIS PROJECT

<b>A.</b>	1. FIRM NAME <b>RND Architects, PA</b>	2. FIRM LOCATION (CITY AND STATE) <b>Durham, NC</b>	3. ROLE <b>Architecture</b>
<b>B.</b>	1. FIRM NAME <b>Stewart Elevator Consulting</b>	2. FIRM LOCATION (CITY AND STATE) <b>Hampstead, NC</b>	3. ROLE <b>Elevator Consultant</b>

## G. KEY PERSONNEL PARTICIPATING IN EXAMPLE PROJECTS

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 12)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)										
		1	2	3	4	5	6	7	8	9	10	
CHARLES NICKELSON, AIA RND Architects, PA	Principal-In-Charge	X	X	X	X	X	X	X	X	X	X	X
STEVE PULLING, AIA RND Architects, PA	Project Architect   Construction Administration	X	X	X	X	X	X	X	X	X	X	X
EMILY CURRIER, ASSOC. AIA RND Architects, PA	Architectural Designer										X	X
RUSTY STEWART Stewart Elevator Consulting	Elevator Consultant	X	X	X	X	X	X	X	X	X	X	X
BRAD WYNNE, PE, RCDD Engineered Designs, PLLC	Sr. Electrical Engineer										X	
GLENN KEY, PE, LEED AP Engineered Designs, PLLC	Sr. Mechanical Engineer										X	

### 29. EXAMPLE PROJECTS KEY

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	ASU Panhellenic Hall Elevator Modernizations	6	UNC Chapel Hill Health Science Library & Morehead Planetarium
2	ASU Appalachian Heights Elevator Modernizations	7	ECU Jenkins Fine Arts Center Elevator Modernization
3	ASU Newland Hall Building Envelope, Elevator, HVAC, & Electrical Improvements	8	NC State Veterans Home - Salisbury, Renovation & Addition
4	Downtown Parking Garage Elevator Modernizations	9	UNC-CH Carroll & Dey Elevator Modernizations
5	NCCU Dent Building Elevator Addition	10	NC DNCR Museum of Natural Sciences

## H. ADDITIONAL INFORMATION

30. PLEASE PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

## I. AUTHORIZED REPRESENTATIVE

THE FOREGOING IS A STATEMENT OF FACTS

31. SIGNATURE



32. DATE

09/18/2025

33. NAME AND TITLE

**Charles Nickelson, AIA, Principal**

## PART II: ARCHITECT - ENGINEER QUALIFICATIONS

<b>PART II - GENERAL QUALIFICATIONS</b> (If a firm has branch offices, complete for each specific branch office seeking work.)			1. SOLICITATION NUMBER (if any) <b>UNCG #287-30231</b>	
2A. FIRM (OR BRANCH OFFICE) NAME <b>RND Architects, PA</b>			3. YEAR ESTABLISHED <b>2003</b>	
2B. STREET <b>3608 University Drive Suite 204</b>			4. DUNS NUMBER <b>188969612</b>	
			5. OWNERSHIP A. TYPE <b>S Corporation</b>	
2C. CITY <b>Durham</b>		2D. STATE <b>NC</b>	2E. ZIP CODE <b>27707</b>	
6A. POINT OF CONTACT NAME AND TITLE <b>Charles Nickelson, AIA - Principal Architect</b>			7. NAME OF FIRM (if block 2a is a branch office) <b>N/A</b>	
6b. TELEPHONE NUMBER <b>(919) 490.1266 (ext. 111)</b>		6c. E-MAIL ADDRESS <b>Charles@RNDpa.com</b>		
8a. FORMER FIRM NAMES (if any) <b>Lucien Roughton, AIA, PA; Lucien Roughton Architects, PA; Roughton Nickelson De Luca Architects, PA</b>			8b. YR ESTABLISHED <b>1987</b>	
			8c. DUNS NUMBER <b>188969612</b>	

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		1. FIRM	2. BRANCH			
02	Administrative	2		A11	Auditoriums, Theaters	1
06	Architect	4		B01	Dormitories	2
08	CADD Technician	6		C09	Cold Storage, Refrig., Fast Freezing	2
48	Project Manager	1		C13	Computer Facilities, Computer Srvcs	2
				E02	Education Facilities, Classrooms	3
				E05	Elevators, Escalators	2
				G01	Vehic. Maintenance Facilities	2
				H09	Hospitals, Medical Facilities	4
				I05	Interior Design, Space Planning	2
				L01	Laboratories, Medical Research	2
				O01	Planning (Site, Installation, Project)	2
				R06	Rehabilitation	3
	<b>Total</b>	<b>13</b>				

<b>11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS</b> (Insert revenue index number shown at right)		<b>PROFESSIONAL SERVICES REVENUE INDEX NUMBER</b>	
a. Federal Work	1	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	6	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	6	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
		4. \$500,000 to less than \$1,000,000	9. \$25 million to less than \$50 million
		5. \$1 million to less than \$2 million	10. \$50 million or greater

<b>12. AUTHORIZED REPRESENTATIVE</b> The foregoing is a statement of facts.	
a. SIGNATURE 	B. DATE <b>09/19/2025</b>
c. NAME AND TITLE <b>Charles Nickelson, AIA - Principal Architect</b>	



**ARCHITECT – ENGINEER QUALIFICATIONS**

 1. SOLICITATION NUMBER *(If any)*
**PART II – GENERAL QUALIFICATIONS**


2a. FIRM (OR BRANCH OFFICE) NAME			3. YEAR ESTABLISHED	4. UNIQUE ENTITY IDENTIFIER
<b>Engineered Designs PLLC</b>			1997	HDPFGBHTJPD3
2b. STREET			5. OWNERSHIP	
1151 SE Cary Parkway, Suite 200			a. TYPE	
			Professional Limited Liability Corporation	
2c. CITY	2d. STATE	2e. ZIP CODE	b. SMALL BUSINESS STATUS	
Cary	NC	27518	<b>SPSF, SWUC, SBE, MBE</b>	
6a. POINT OF CONTACT NAME AND TITLE			7. NAME OF FIRM <i>(If block 2a is a branch office)</i>	
<b>Brad Wynne, PE, RCDD</b>				
6b. TELEPHONE NUMBER		6c. E-MAIL ADDRESS		
919-851-8481		bwynne@engineereddesigns.com		
8a. FORMER FIRM NAME(S) <i>(If any)</i>			8b. YR. ESTABLISHED	8c. DUNS NUMBER



9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number
		(1) FIRM	(2) BRANCH			
02	Administrative	2	2	F03	Fire Protection	2
21	Electrical Engineer	4	4	A11	Auditoriums & Theaters	1
21	Electrical Designer	3	3	L01	Laboratories; Medical Research Fac.	3
42	Mechanical Engineer	6	6	A12	Automation: Controls; Instrumentation	1
42	Mechanical Designer	5	5	C06	Churches and Chapels	2
42	Mechanical Designer - Plumbing	3	3	C10	Commercial Buildings –Low rise	4
16	Construction Manager/Admin	2	2	C13	Computer Facilities	2
	Commissioning Agent	1	1	D07	Dining Halls, Clubs, Restaurants	3
				E02	Educational Facilities, Classrooms	3
				F02	Field Houses, Gyms, Stadiums	1
				G02	Gas Systems	1
				H04	Heating, Ventilation, Air Conditioning	4
				H09	Hospitals and Medical Facilities	3
				L05	Lighting Interior; Display, Theater, etc	3
				O01	Office Building; Industrial Parks	3
				S02	Security Systems, Intruder & Smoke Detection	1
				S08	Special Environments: Clean Rooms, etc.	1
	Other Employees			S12	Swimming Pools	1
	Total	26	26	U03	Utilities	1
				P07	Plumbing & Piping Design	3
				L04	Libraries: Museums: Galleries	2
				S11	Sustainable Design	2

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS		10. PROFESSIONAL SERVICES REVENUE INDEX NUMBER			
a. Federal Work	4	1. Less than \$100,000	6. \$2 million to less than \$5 million	7. \$5 million to less than \$10 million	8. \$10 million to less than \$25 million
b. Non-Federal Work	6	2. \$100,000 to less than \$250,000	9. \$25 million to less than \$50 million	10. \$50 million or greater	
c. Total Work	6	3. \$250,000 to less than \$500,000			
		4. \$500,000 to less than \$1 million			
		5. \$1 million to less than \$2 million			

12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.

a. SIGNATURE		b. DATE:	9/16/25
c. NAME AND TITLE	<b>Brad Wynne, PE, RCDD</b>		



CHARLES NICKELSON, AIA  
RND Architects, PA  
919.452.8970  
Charles@RNDpa.com



**Finance and Administration Committee  
November 11, 2025**

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**Action Item**

**FAC – 2      Quad Electrical Duct Bank Replacement – New Capital Project**

**Background Information**

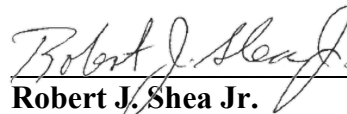
Capital improvement projects designed, constructed, and operated by non-general fund money, with a total project cost of \$750,000 to \$4,000,000, must be submitted for Board of Governors authorization. The cost of the Quad Duct Bank project is within this threshold.

The project scope is to install the duct bank life safety and optional standby power systems from the Weil/Winfield generator to the seven (7) residence halls in the Quad (Jamison, Coit, Bailey, Cotten, Hinshaw, Gray, Shaw). The scope of work includes disconnects, transfer switches, panels, and other equipment at the buildings. The generator was installed in 2019 and was sized to accommodate the additional load required.

**Project Cost: \$2,655,000**

**Recommended Action**

The Board of Trustees of The University of North Carolina at Greensboro approve the request to the Board of Governors for authorization of a capital improvement project in the amount of **\$2,655,000** for the Quad Duct Bank project.

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

**Attachments:**

- UNC Capital form, dated 11/11/2025

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

Institution: UNC Greensboro Date: 11/11/2025 Interscope Code: \_\_\_\_\_  
 Project Title: Quad Duct Bank Interscope Item: \_\_\_\_\_

**A. CAPITAL PROJECT SCOPE AND JUSTIFICATION**

1. Name of Building(s): Jamison, Coit, Bailey, Cotten, Hinshaw, Gray, Shaw 2. Project Type: Misc. Other Construction  
 3a. Estimated Existing GSF: N/A 4a. Current Use: Other 5. Land Ownership: \_\_\_\_\_  
 3b. Estimated New or Additional GSF: N/A 4b. Proposed Use: Other  
 6. Was Adv Planning authorized by legislation or BOT?  BOT Authorization Date: \_\_\_\_\_ Date SD submitted to SCO: \_\_\_\_\_

7. Describe proposed project scope:  
 The project scope is to install the ductbank life safety and optional standby power systems from the Weil/Winfield generator to the seven (7) residence halls in the Quad (Jamison, Coit, Bailey, Cotten, Hinshaw, Gray, Shaw). Scope of work includes disconnects, transfer switches, panels, etc. at the buildings. The generator was installed in 2019 and was sized to accommodate the additional load required.

8a. Current departments and programs:  
 Sitework & Residence Life Buildings

8b. Proposed departments and programs:  
 Sitework & Residence Life Buildings

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

10. Is project incl. in the 6-year capital plan? Yes If so, indicate version: FY25-27 Project Title: Quad Duct Bank

**B. CURRENT CAPITAL PROJECT AUTHORIZATION AND FUND SOURCES**

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

Authorization Approval	By	Approval Date	Appropriated	R&R	Specify FY	Carry Forward*	Specify FY	Trust Funds	Source	Student Fees	Source	Debt Service Fees
New Capital Project	BOG							2,655,000	Housing			
<b>PREVIOUS AUTHORIZATION:</b>		<b>\$2,655,000</b>	<b>\$0</b>	<b>\$0</b>		<b>\$0</b>		<b>\$2,655,000</b>		<b>\$0</b>		<b>\$0</b>
		<b>100%</b>	<b>0%</b>	<b>0%</b>		<b>0%</b>		<b>100%</b>		<b>0%</b>		<b>0%</b>
Incr. Authorization												
Change fund source(s)												
<b>CHANGE IN AUTHORIZATION:</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		<b>\$0</b>		<b>\$0</b>		<b>\$0</b>		<b>\$0</b>
<b>REV. TOTAL AUTHORIZATION:</b>		<b>\$2,655,000</b>	<b>\$0</b>	<b>\$0</b>		<b>\$0</b>		<b>\$2,655,000</b>		<b>\$0</b>		<b>\$0</b>
		<b>100%</b>	<b>0%</b>	<b>0%</b>		<b>0%</b>		<b>100%</b>		<b>0%</b>		<b>0%</b>

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

Trust Funds - Housing

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

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

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

Year 1		Year 2		Year 3		Year 4		Year 5	
Amount	Source	Amount	Source	Amount	Source	Amount	Source	Amount	Source

**C. TOTAL ESTIMATED PROJECT BUDGET**

Proposed Construction Schedule: \_\_\_\_\_ Date project estimate prepared: 11/11/2025  
 Estimated construction start date: 5/15/2027  
 Estimated construction completion date: 7/31/2027





**Finance and Administration Committee**  
**November 11, 2025**

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**Action Item**

**FAC – 3      Moore Strong Plumbing Replacement – New Capital Project**

**Background Information**

Per recent delegation by the Board of Governors under the Board’s Construction Task Force, Advance Planning is authorized by the University’s Board of Trustees. Once the Schematic Design phase is completed and the scope and budget have been more clearly defined, the Capital Request is to be brought to the Board of Governors for approval.

Constructed in 1961, the fixtures in Moore Strong have well exceeded their original life expectancy and need to be replaced with modern units. The scope of this project is to remove and replace the existing sinks and piping in the student rooms, as well as renovate the common area bathrooms.

**Estimated Project Cost: \$4,225,000**

**Recommended Action**

The Board of Trustees of The University of North Carolina at Greensboro approves the **Advance Planning** (design and commissioning) in the amount of **\$422,500** for the Moore Strong Plumbing Renovation project.

\_\_\_\_\_

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

**Attachments:**

- UNC Capital form, dated 11/11/2025

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

Institution: UNC Greensboro Date: 11/11/2025 Interscope Code: \_\_\_\_\_  
 Project Title: Moore Strong Plumbing Renovation Interscope Item: \_\_\_\_\_

**A. CAPITAL PROJECT SCOPE AND JUSTIFICATION**

1. Name of Building(s): Moore Strong Residence Hall 2. Project Type: Comprehensive Renovation  
 3a. Estimated Existing GSF: 71,661 4a. Current Use: Other 5. Land Ownership: \_\_\_\_\_  
 3b. Estimated New or Additional GSF: 71,661 4b. Proposed Use: Other  
 6. Was Adv Planning authorized by legislation or BOT? Yes BOT Authorization Date: 11/11/2025 Date SD submitted to SCO: \_\_\_\_\_

7. Describe proposed project scope:

Constructed in 1961, the fixtures in Moore Strong have well exceeded their original life expectancy and need to be replaced with modern units. This scope of this project is to remove and replace the existing sinks and piping in the student rooms and renovate common area bathrooms.

8a. Current departments and programs:

Residence Life

8b. Proposed departments and programs:

Residence Life

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

\_\_\_\_\_

10. Is project incl. in the 6-year capital plan? Yes If so, indicate version: FY25-27 Project Title: Quad Duct Bank

**B. CURRENT CAPITAL PROJECT AUTHORIZATION AND FUND SOURCES**

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

Authorization Approval	By	Approval Date	Appropriated	R&R	Specify FY	Carry Forward*	Specify FY	Trust Funds	Source	Student Fees	Source	Debt Service Fees
Advance Planning	BOT							422,500	Housing			
<b>PREVIOUS AUTHORIZATION:</b>		<b>\$422,500</b>	<b>\$0</b>	<b>\$0</b>		<b>\$0</b>		<b>\$422,500</b>		<b>\$0</b>		<b>\$0</b>
		<b>100%</b>	<b>0%</b>	<b>0%</b>		<b>0%</b>		<b>100%</b>		<b>0%</b>		<b>0%</b>
Incr. Authorization												
Change fund source(s)												
<b>CHANGE IN AUTHORIZATION:</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		<b>\$0</b>		<b>\$0</b>		<b>\$0</b>		<b>\$0</b>
<b>REV. TOTAL AUTHORIZATION:</b>		<b>\$422,500</b>	<b>\$0</b>	<b>\$0</b>		<b>\$0</b>		<b>\$422,500</b>		<b>\$0</b>		<b>\$0</b>
		<b>100%</b>	<b>0%</b>	<b>0%</b>		<b>0%</b>		<b>100%</b>		<b>0%</b>		<b>0%</b>

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

Trust Funds - Housing

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

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

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

Year 1		Year 2		Year 3		Year 4		Year 5	
Amount	Source	Amount	Source	Amount	Source	Amount	Source	Amount	Source

**C. TOTAL ESTIMATED PROJECT BUDGET**

Proposed Construction Schedule: \_\_\_\_\_ Date project estimate prepared: 11/11/2025  
 Estimated construction start date: 5/15/2027  
 Estimated construction completion date: 7/31/2027





**Finance and Administration Committee  
November 11, 2025**

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**Action Item**

**FAC – 4      Taylor Theatre Infrastructure Renovation Project –  
Approval of Increase in Authority to the Board of Governors**

**Background Information**

The Taylor building opened in 1967. Most existing building systems are original and have far exceeded their useful life. The building required comprehensive rehabilitation to meet its programming needs and extend its service life. The project's primary focus is the replacement of obsolete infrastructure (Mechanical, Electrical, Plumbing) to support minimal operational requirements. A small building addition and renovation to the existing courtyard is required to house the new Mechanical Units, as they cannot fit within the existing space, and the existing roof structure cannot support them without significant structural alteration. Alternates include ADA upgrades to the theatre seating and accessibility, replacing door hardware throughout to ensure accessibility, fire alarm upgrades, and a new life safety generator.

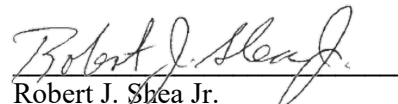
On March 16, 2021, the Board of Trustees approved this project's Capital Request for Advance Planning. The Program Verification Phase was then completed with the Lord Aeck Sargent Planning and Design, Inc. design team of Chapel Hill, NC. On November 30, 2022, the Board of Trustees approved moving forward with a request to the Board of Governors at the January 19, 2022, meeting for full authorization of the project with an original total project estimate of \$10,504,664. On April 9, 2024, the Board of Trustees approved an increase in authorization of \$4,000,000, bringing the total project budget to \$14,504,664. The project was successfully bid on and awarded for construction in the sum of \$11,763,637 to C.T. Wilson Construction Co. on December 10, 2024. Construction officially began on January 23, 2025.

Due to the nature of the existing building and the complexity of the renovation, multiple unforeseen conditions have continued to arise, including the requirement for additional abatement within the existing building and the continued removal and replacement of unsuitable soils, as ground conditions not identified during geotechnical borings have been encountered. These changes have resulted in an additional four (4) months and associated costs to the initial contract schedule of completion. The project mitigated these changes through ongoing value engineering during the construction phase. The scope of the courtyard hardscape was reduced, site fixtures eliminated, and work encountered that is outside of the

original project scope is self-performed by the university when possible, including landscaping and mechanical and plumbing enabling work needed to update insufficient existing conditions. To avoid potential delays to our May 2026 target completion due to insufficient funding, we have identified consolidated balances from previous years' Appropriated Repair and Renovation projects and Carry-Forward funds to facilitate the requested increase of **\$305,000**. A request for **\$305,000** in increased authorization must be presented to the Board of Governors for approval at their meetings on January 28-29, 2026.

### **Recommended Action**

The Board of Trustees of the University of North Carolina at Greensboro approves moving forward with the request for increased authorization in the amount of **\$305,000** with the Board of Governors at the January 28-29, 2026, meeting from the current authorization of **\$14,804,664** to a total project budget of **\$15,109,664** for the Taylor Theatre Infrastructure Renovation Project.

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

### **Attachments:**

UNC Capital Form, Date 11/11/2025

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

Institution: **UNC Greensboro** Date: **11/11/2025** Interscope Code: **42025**  
 Project Title: **Taylor Theater Infrastructure Renovation** Interscope Item: **301**

**A. CAPITAL PROJECT SCOPE AND JUSTIFICATION**

1. Name of Building(s): **Taylor Theatre** 2. Project Type: **Comprehensive Renovation**  
 3a. Estimated Existing GSF: **37,342** 4a. Current Use: **Academic Instruction** 5. Land Ownership: **State Owned (SCO is the AHJ)**  
 3b. Estimated New or Additional GSF: **3,307** 4b. Proposed Use: **Academic Instruction**  
 6. Was Adv Planning authorized by legislation or BOT? **Yes** BOT Authorization Date : **3/16/2021** Date SD submitted to SCO: **3/28/2022**

**7. Describe proposed project scope:**

The Taylor building opened in 1967. The majority of the existing building systems are original and have far exceeded their useful life. The building needs a comprehensive rehabilitation to meet programming needs and extend its duration of service. The project's primary focus is replacement of obsolete infrastructure (Mechanical, Electrical, Plumbing) to support minimal operational requirements. A small building addition and renovation to the existing courtyard is required to house the new Mechanical Units as they cannot fit within the existing space and the existing roof structure cannot support them without major structural alteration. Alternates include ADA upgrades to the theatre seating and accessibility, replacing door hardware throughout to be accessible, fire alarm upgrades, and a new life safety generator.

Due to the nature of the existing building and the complexity of the renovation, multiple unforeseen conditions have continued to arise, including the requirement for additional abatement within the existing building, and continued removal and replacement of unsuitable soils as ground conditions not identified during geotechnical borings have been encountered. These changes have resulted in an additional four (4) months of time and associated costs to the initial contract schedule of completion. The project has mitigated these changes through ongoing value engineering during construction. The scope of the courtyard hardscape was reduced, site fixtures eliminated, and work encountered that is outside of the original project scope is self-performed by the university when possible, including landscaping and mechanical and plumbing enabling work needed to update insufficient existing conditions. In order to avoid any potential delays to our May 2026 target completion due to insufficient funding, we have identified consolidated balances from previous years' Appropriated Repair and Renovation projects and Carry-Forward funds to facilitate this requested increase in the amount of \$305,000.

**8a. Current departments and programs:**

College of Visual and Performing Arts

**8b. Proposed departments and programs:**

College of Visual and Performing Arts

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

10. Is project incl. in the 6-year capital plan? **Yes** If so, indicate version: **FY21-23** Project Title: **Taylor Theatre Rehabilitation & Renovation**

**B. CURRENT CAPITAL PROJECT AUTHORIZATION AND FUND SOURCES**

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

Authorization Approval	By	Approval Date	Appropriated	R&R	Specify FY	Carry Forward*	Specify FY	Trust Funds	Source	Student Fees	Source	Debt Service Fees
New Capital Project	BOG	5/10/22				8,179,044	20-21			2,325,620	Other Student Fe	
Incr. Authorization	BOG	5/29/24				4,000,000	23-24					
Incr. Authorization	BOG	10/16/24						300,000	Other Auxiliary			
<b>PREVIOUS AUTHORIZATION:</b>			<b>\$14,804,664</b>	<b>\$0</b>		<b>\$12,179,044</b>		<b>\$300,000</b>		<b>\$2,325,620</b>		<b>\$0</b>
			<b>100%</b>	<b>0%</b>		<b>82%</b>		<b>2%</b>		<b>16%</b>		<b>0%</b>
Incr. Authorization	BOG			9,005	2015							
Incr. Authorization	BOG			78,761	2016							
Incr. Authorization	BOG			60,787	2017							
Incr. Authorization	BOG			94,447	2018							
Incr. Authorization	BOG					62,000	2018					
Incr. Authorization	BOG											
<b>CHANGE IN AUTHORIZATION:</b>			<b>\$305,000</b>	<b>\$0</b>		<b>\$243,000</b>		<b>\$0</b>		<b>\$0</b>		<b>\$0</b>
<b>REV. TOTAL AUTHORIZATION:</b>			<b>\$15,109,664</b>	<b>\$0</b>		<b>\$12,241,044</b>		<b>\$300,000</b>		<b>\$2,325,620</b>		<b>\$0</b>
			<b>100%</b>	<b>0%</b>		<b>81%</b>		<b>2%</b>		<b>15%</b>		<b>0%</b>

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

\$304,999.97 is comprised of previous year R+R and Carry Forward balances in the following:  
 -2015 R+R: 41525-329 HVAC Controls Balance \$9,004.69  
 -2016 R+R: 41625-302 Taylor Building Elevator Addition Balance \$16,119.08. 41625-322 Curry Bldg. Fire Alarm Replacement Balance \$18,989, 41625-323 Eberhart Building Lab 321 Renovation Balance \$43,653.03  
 -2017 R+R 41725-320 Structural Repairs Balance \$5,416.70, 41725-321 Install Repair Elec Plumb HVAC \$35,366, 41725-322 Improve-Meet ADA Requirements Balance \$20,004.75  
 -2018 R+R 41825-322 Install-Repair Elec Plumb HVAC Balance \$94,446.72  
 -2018 Carry Forward 41825-307 Moore Building Renovation Balance \$62,000



