



Finance and Administration Committee
November 30, 2021
8:30 am

Action Item - Approval of Designer Selection

FAC – 2 McIver Parking Deck Elevator Modernization

Background Information

The McIver Parking Deck Elevator Modernization project will renovate and modernize the two (2) hydraulic elevators that are becoming increasingly difficult to maintain. These elevators are original to the building and after 23 years require updating and modernization. This project will update/replace components and restore elevators to a proper, long-term functionality.

The request for qualifications and letters of interest for design services for this project was advertised on The University of North Carolina System website. Two (2) firms submitted letters of interest, one (1) of which was from Guilford County.

The Designer Pre-Selection Committee reviewed the letters of interest and invited the two (2) firms to an interview on November 22, 2021, to present their qualifications and recommends the following ranking order:

1. John B. Hawkins AIA Architect
2. SKA Consulting Engineers, Inc.

The firm, John B. Hawkins AIA Architect, is recommended for the Designer for the following reasons:

1. John B. Hawkins successfully presented a level of detail and precision as it related to elevator specific cost and schedule implications. They showed insight on the impact to project schedule due to increasing lead times and procurement durations in the elevator industry.
2. Their presentation outlined their expertise with elevator modernization projects, familiarity with the UNC Greensboro campus, and understanding of the impact of recent NC Elevator code updates (A17.1 2019).

3. The John B. Hawkins project team was appropriately sized, tailored to the project, and demonstrated their working relationship with their subconsultants.

Recommended Action

Based on the above information, that the Board of Trustees of the University of North Carolina at Greensboro approve the firm of John B. Hawkins AIA Architect. If agreeable terms cannot be met with the recommended firm, then the Board authorizes the administration to negotiate terms with the other firms in ranking order.

Attachment (see below):

- 2.1 John B. Hawkins AIA Architect Letter of Interest and Project Proposal



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

McIVER PARKING DECK . ELEVATOR REPLACEMENT .

The University of North Carolina at Greensboro
Greensboro, North Carolina

PROJECT PROPOSAL

November 5, 2021



architect:

John B. Hawkins ■ AIA ■ Architect

210 N. Columbia Street
Chapel Hill, North Carolina 27514



mechanical / electrical / fire alarm engineer:

Dewberry Engineers, Inc.

2610 Wycliff Road – Suite 410
Raleigh, North Carolina 27607



Information Sheet

Firm Name

- HUB Certified
- 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

<p>Architectural: <input type="text" value="John B. Hawkins . AIA . Architect"/> <input type="checkbox"/> Check If HUB</p> <p>Electrical: <input type="text" value="Dewberry Engineers, Inc."/> <input type="checkbox"/> Check If HUB</p> <p>Structural: <input type="text"/> <input type="checkbox"/> Check If HUB</p> <p>Landscape: <input type="text"/> <input type="checkbox"/> Check If HUB</p> <p>Other (specify type): <input type="text"/> <input type="checkbox"/> Check If HUB</p> <p>Other (specify type): <input type="text"/> <input type="checkbox"/> Check If HUB</p>	<p>Mechanical: <input type="text" value="Dewberry Engineers, Inc."/> <input type="checkbox"/> Check If HUB</p> <p>Plumbing: <input type="text" value="Dewberry Engineers, Inc."/> <input type="checkbox"/> Check If HUB</p> <p>Civil: <input type="text"/> <input type="checkbox"/> Check If HUB</p> <p>Interior Design: <input type="text"/> <input type="checkbox"/> Check If HUB</p>
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November 5, 2021

Bill Chatfield
UNC Greensboro Facilities Design & Construction
Gray Home Management House
105 Gray Drive
Greensboro, NC 27412

RE: **McIver Parking Deck Elevator Replacement
UNC Greensboro**

Dear Mr. Chatfield,

We were interested to hear this month about the proposed elevator replacement at the McIver Parking Deck on the campus of UNC Greensboro in Greensboro, NC. With Dewberry Engineers, Inc., a multi-disciplined consulting engineering firm in Raleigh, NC, I believe that we have in place a team with current and recent elevator design experience that is well qualified to meet this project's requirements. We would like very much to be considered to provide the architectural and engineering services for it.

Since this firm was formed in 1994, I have made elevator modernizations a major focus of our design work. Our experience in this specialized project type has been gained in association with a variety of different user-clients, including several campuses in the UNC system and numerous NC state agencies. We have designed several key elevator projects at **UNC – Greensboro**. In 2009, we completed work on the first of these: the replacement of the four traction elevators at **Jackson Library**. One of those elevators serves the original two story library building, and the three others serve the 16 story high-rise addition. Other elevator modernization projects in which we have been involved since then at UNCG include:

- Walker Avenue Parking Deck (2022)
- Bryan Building (2019)
- Gove Student Health Center (2018)
- Mossman Building (2015)
- Eberhart Building (2014)

Our experience with UNCG elevator projects and the current Walker Avenue Parking Deck Elevator Modernization has led to our involvement as a consultant in a project – just begun – to provide a comprehensive condition assessment of the elevators at **McIver** and **Oakland** Parking Decks as part of an overall assessment of all the parking decks on the UNCG campus.

We have also designed elevator replacement projects in a number of buildings on the UNC – Chapel Hill campus. These include:

- Gardner Hall (New Elevator – 2018)
- Davie Hall (2017)
- Residence Halls: Craige (2015), Ehringhaus (2016), Hinton James (2016), Carmichael (2017)
- Brauer Hall & MacNider Hall (2015)
- Cogeneration Facility (2011)
- Beard Hall and Frank Porter Graham Child Development Institute (2010)
- Mary Ellen Jones Building (2006)
- Hamilton Hall (2005)
- South Building (New Elevator - 2002)
- Brinkhous Bullitt Building (1997)

This month, we will finish work on the modernization of the three (3) traction elevators in the **Administration Building** for the NC Department of Administration in Raleigh. We completed a similar project at the **Labor Building** for NCDOL in 2019.

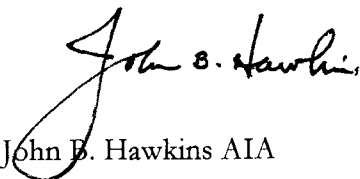
In 2015, construction was completed on a major program of elevator modernization which we designed at **Central Prison** in Raleigh, NC for the NC Department of Public Safety. This project, which began with a comprehensive Condition Assessment and Modernization Plan prepared in 2009, included the full equipment replacement of the 16 elevators in that facility. For NC-DPS, we have also designed the elevator replacement of the six elevators at **Piedmont Correctional Institution** in Salisbury, NC (2019).

Over the years, we have been involved in elevator projects in the NC Community College system. In 2006, we completed a **10 year plan** to analyze and prioritize elevator modernization work at the Main Campus and the Perry Health Sciences Campus of **Wake Technical Community College** in Raleigh, NC. That study led in turn to the modernization of five elevators on those two campuses. The last was completed in 2019.

Dewberry Engineers, Inc. is a full-service consulting engineering firm located in Raleigh. With corporate headquarters in northern Virginia, the Raleigh office was opened in 1984 to serve the central North Carolina region. Since that time, they have performed the civil, structural, mechanical, electrical, plumbing, and telecommunications engineering design of a broad range of institutional / educational projects throughout central North Carolina. They have served as our engineering consultants on most of the elevator projects described above.

We include with this letter copies of our Standard Form 330 and some background information on our firms. Please do not hesitate to contact me if I can answer any questions you have or if you would like additional information. Thank you for your attention.

Sincerely,
JOHN B. HAWKINS • AIA • ARCHITECT



John B. Hawkins AIA



Dewberry Engineers Inc. | 919.881.9939
2610 Wycliff Road, Suite 410 | 919.881.9923 fax
Raleigh, NC 27607 | www.dewberry.com

November 8, 2021

John B. Hawkins, AIA, Architect
210 North Columbia Street
Chapel Hill, North Carolina 27514

RE: University of North Carolina at Greensboro
Mclver Parking Deck Elevator Replacement

Dear John,

Dewberry Engineers Inc. (Dewberry) is pleased to be a consultant to John Hawkins AIA Architect for the University of North Carolina at Greensboro (UNCG) Mclver Parking Deck Elevator Replacement project. Dewberry will provide mechanical, electrical, and plumbing/fire protection engineering services in support of John Hawkins.

Dewberry has teamed with John Hawkins on several elevator modernization projects at other University campuses including UNC Chapel Hill, Duke University, East Carolina University and UNC Greensboro. Additionally, Dewberry completes several projects each year for Universities in the UNC System and for State of North Carolina clients going through the State Construction Office.

We teamed with John Hawkins on similar recent projects including UNCG Walker Parking Deck Elevator Modernization, Wake Technical Community College Health Sciences Elevator Modernization, NC Department of Administration Labor Building Elevator Modernization, Piedmont Correction Elevator Modernization, North Carolina Department of Corrections Central Prison Elevator Upgrades, and Duke University Elevator Modernizations.

Dewberry's experience and staff size is well suited to perform several projects concurrently. We are experienced with the International Building Code and have an excellent relationship with the State Construction Office and the North Carolina Department of Insurance. We are excited about the opportunity to continue working with John Hawkins, AIA and the University of North Carolina at Greensboro.

Sincerely,

Dewberry Engineers Inc.

A handwritten signature in black ink that reads "Jeffrey A. Roney". The signature is fluid and cursive.

Jeffrey Roney, PE, LEED AP
Associate
Assistant Business Unit Manager

**PROJECT PROPOSAL: McIver Parking Deck Elevator Replacement
UNC Greensboro
11.5.21**

Submitted by: John B. Hawkins . AIA . Architect
210 N. Columbia St.
Chapel Hill, NC 27514

Tab 1: Information Sheet (See attached.)

Tab 2: Letter of Interest (See attached.)

Tab 3: Project Team Organization Chart

- Team Leader and Architect of Record: John B. Hawkins
John B. Hawkins . AIA. Architect
- ME Project Manager / Electrical Engineer: Jeff Roney, PE
Dewberry Engineers, Inc.
- Mechanical Engineer: Justin Rogers, PE
Dewberry Engineers, Inc.
- ME Quality Assurance / Quality Control: Steve Webb, PE
Dewberry Engineers, Inc.

3.1 Adequate staff and proposed design or consultant team and their relevant experience.

John B. Hawkins. AIA. Architect and the Raleigh office of Dewberry Engineers, Inc. have collaborated on over 22 elevator-related projects since 2004. Jeff Roney, PE and Steve Webb, PE were involved in a majority of these modernizations.

Tab 4: Relevant Experience & Other Important Factors

4.1 Specialized or appropriate expertise in the type of project

John B. Hawkins . AIA . Architect has designed over 40 elevator modernization projects and new elevators in existing buildings since 1997. Please see attached detailed listing of relevant elevator project experience – and cover letter.

4.2 Past performance on similar projects to McIver Parking Deck Elevator Replacement

John B. Hawkins . AIA . Architect, in collaboration with Dewberry Engineers, is currently performing construction administration services for the **Walker Avenue Parking Deck Elevator** Modernization on the UNCG campus – which will be complete in February 2022. In 2020, we completed the **Health Sciences Parking Deck Elevator Repairs** at the Perry Health Sciences campus of Wake Technical Community College in Raleigh, NC.

4.3 Current Workload and State projects awarded

Mr. Hawkins's firm is now engaged in two public projects in the assessment / study phase, two in the design stage, and four in the construction phase. Of these, three are state projects: UNCG Walker Avenue Parking Deck Elevator Modernization (CA), the NC DOA Administration Building Elevator Modernization (CA), and the UNC-CH Kenan Labs Electrical Upgrades (design).

4.4 Proposed design approach for the project

JBH . AIA . Architect always begins each elevator replacement project with a complete site survey and assessment of the existing condition of the elevator equipment, the host building and its infrastructure (electrical and fire alarm systems) and any special conditions that apply to that particular project. We have actually begun that process through our involvement as an elevator consultant in a current project to provide a comprehensive condition assessment of the elevators at **McIver** and **Oakland** Parking Decks at UNCG. This analysis of the elevators is part of an overall assessment of all the parking decks on the UNCG campus being performed by an engineering firm.

The two (2) hydraulic elevators at McIver Parking Deck were installed by Dover Elevator Company when the building was completed in 1997. These units – at 24 years old appear to be due for a complete modernization. As a first task in an elevator replacement project at McIver, we would review the findings and recommendations in our assessment report with UNCG FDC staff and verify / refine the scope of the equipment replacement.

4.5 Recent experience with project cost and schedules (Include projects most similar to Spring Garden Apartment - Elevators Replacement and New Emergency Generator.)

The low base bid and alternate 1 (modernization of elevator # 2) for the UNCG Bryan Building Elevator Modernization at the School of Business (completed in September 2019) – were each within 1% of our CD phase estimates of these costs. The value of the single change order was \$5,650, or 1.5% of the construction cost. Substantial completion of the project was achieved in 102 days of 109 days allowed in the contract with approved extensions.

4.6 Construction administration capabilities

Mr. Hawkins has performed all of the required construction administration tasks on virtually every project completed by his practice over the 27 years in business since 1994. He would undertake the same comprehensive role for the proposed project at the McIver Parking Deck.

4.7 Proximity to and familiarity with the area where project is located

The elevator modernization projects designed at UNCG by JBH.AIA.Arch at the Walker Avenue Deck, Bryan, Mossman, and Eberhart Buildings, & the Jackson Library are just a few minutes walk from McIver Parking Deck. Mr. Hawkins has attended weekly progress meetings during the construction of these projects. His office in Chapel Hill is a 55 minute drive from the UNC-G campus.

4.8 Record of successfully completed projects without major legal or technical problems

Mr. Hawkins' firm has carried comprehensive liability and other insurance coverage throughout the history of the practice. He has filed no claims against other parties for any reason, nor had no claims lodged against his practice during the 27 years in business. Change orders are typically within 1-5 % of the project contract costs, and with only minor exceptions, all projects have been completed within the contract time period permitted. The majority of the work of the firm has involved repeat clients.

4.9 Energy Conservation / LEED experience

Every project designed by the firm is undertaken with the goal of incorporating features which will maximize energy efficiency and support sustainable practices such as the use of recycled and locally sourced materials. The opportunities for realizing these goals are admittedly limited in a specialized project such as an elevator replacement. One of those is use of elevator systems which utilize a regenerative drive system which can return surplus energy to the building.

Tab 5: Minority Business Participation Plan (include design and construction efforts)

Mr. Hawkins makes a concerted effort to recruit / encourage general contracting companies which are registered HUB firms, to participate in the bidding on state-owned projects which are designed in the office. Where possible, his firm has partnered with NC minority or women-owned engineering consultants.

Tab 6: Current SF-330 (See attached.)



John B. Hawkins • AIA • Architect was founded in February 1994 to serve the central North Carolina region. The firm's principal, John Hawkins, brings to the practice forty years of experience in the design of a broad range of building project types for primarily educational and institutional clients. The organization of the firm allows Mr. Hawkins to manage each project personally and to maintain a close, continuous involvement throughout the design and construction process.

As an extension of his professional architectural activities, John Hawkins has contributed articles, columns and essays to local and national publications on topics related to design and planning. He has also maintained an active presence in community and university planning and preservation initiatives.

Since the founding of the Chapel Hill-based company, Mr. Hawkins and his staff have served, among others, the following clients:

**University of North Carolina at Chapel Hill
University of North Carolina at Greensboro
East Carolina University
UNC General Administration
Duke University
NC Department of Administration
NC Department of Cultural Resources
NC Department of Transportation
NC Department of Public Safety
Governor Morehead School - Raleigh
Freedom House Recovery Center
Orange Community Housing Corporation
Carol Woods Retirement Community**

The essential mission of John B. Hawkins • AIA • Architect is to provide attentive, high-quality design services from programming through construction administration, delivered in compliance with clearly defined budgetary and scheduling objectives.

JOHN B. HAWKINS • AIA • ARCHITECT
ELEVATOR MODERNIZATION and ELEVATOR ADDITION PROJECTS



<u>Walker Parking Deck Elevator Modernization</u> UNC Greensboro Greensboro, NC	Replacement of the single electric traction passenger elevator in the central campus parking deck 2022 \$235,000
<u>Administration Bldg. Elevator Modernization</u> NC Department of Administration Raleigh, NC	Modernization of three (3) seven stop traction elevators in key NCDOA government building 2021 \$1,125,000
<u>Bryan Building Elevator Modernization</u> UNC Greensboro Greensboro, NC	Complete modernization of two (2) seven stop hydraulic elevators in UNCG School of Business 2019 \$380,000
<u>Edens Quad Elevator Modernization</u> Duke University Durham, NC	Replacement of the traction elevators in two (2) five-story Residence Halls on Duke West Campus 2018 \$420,000
<u>New Elevator – Gardner Hall</u> UNC – Chapel Hill Chapel Hill, NC	Replacement of original 1953 elevator with new hydraulic installation in new structural hoistway 2017 \$900,000
<u>Elevator Modernization – Wake Tech C.C.</u> Main Campus and Health Science Campus Raleigh, NC	Modernization of five (5) low-rise hydraulic elevators in four academic buildings. 2016-2017 \$850,000
<u>Davie Hall and Lineberger Cancer Center Elevator Modernization</u> UNC – Chapel Hill	Complete equipment replacement for single electric traction elevators in two campus buildings. 2016 \$750,000
<u>Elevator Modernization – 3 Residence Halls</u> Ehringhaus, Hinton James & Carmichael Halls UNC – Chapel Hill	Modernization of seven (7) elevators in three High-Rise Residence Halls 2016-2017 \$1,890,000
<u>Biddle Hall Elevator Modernization</u> Duke University Durham, NC	Modernization of single high-capacity passenger / freight elevator in University Music Dept. Building 2016 \$360,000
<u>Craige Residence Hall Elevator Modernization</u> UNC – Chapel Hill Chapel Hill, NC	Complete equipment replacement of two (2) traction elevators in 6-story dormitory 2016 \$635,000
<u>Hydraulic Cylinder Replacement – Building “D”</u> Northern Wake Campus of Wake Tech CC Raleigh, NC	Replacement of cylinder and piston in single three-stop hydraulic elevator. 2015 \$48,000
<u>Gross Hall Elevator Upgrades</u> Duke University Durham, NC	Modernization of basement – mount type traction elevator as part of complete building. renovation 2015 \$318,000
<u>Mossman Building Elevator Modernization</u> UNC – Greensboro Greensboro, NC	Complete modernization of existing three - stop hydraulic elevator in University Admin. building 2015 \$151,000
<u>MacNider & Brauer Halls Elevator Upgrades</u> UNC Health Affairs Complex UNC – Chapel Hill	Modernization of single traction elevator (MacNider) and pair (Brauer) at Medical and Dental Schools 2015 \$625,000

<p><u>Elevator Modernization – Central Prison</u> Central Prison – ND Dept. of Public Safety Raleigh, NC</p>	<p>Complete Assessment (2009) and Modernization 16 Elevators in Maximum Security Prison 2015; \$ 2,500,000</p>
<p><u>Kendall Complex M/E & Elevator Renovations</u> NC Dept. of Commerce Raleigh, NC</p>	<p>Modernization of 5 traction and 1 hydraulic elevator in sprawling State office complex 2015; \$ 2,150,000</p>
<p><u>Eberhart Building Elevator Modernization</u> UNC – Greensboro Greensboro, NC</p>	<p>Modernization of two traction elevators in University Science building 2014; \$ 369,000</p>
<p><u>Richmond City Hall – Elevator Modernization</u> City of Richmond Richmond, VA</p>	<p>Complete replacement of seven traction elevators in 16 story municipal government building. 2014; \$ 2,350,000</p>
<p><u>Elevator Addition & Renovations</u> Graham Building East Carolina University</p>	<p>Elevator Addition to historic academic building with new accessible entry & toilet rooms 2012; \$ 860,000</p>
<p><u>Jenkins Cancer Center Elevator Upgrades</u> East Carolina University Greenville, NC</p>	<p>Modernization of two (2) two-stop hydraulic hydraulic elevators in out-patient clinic 2011; \$ 210,000</p>
<p><u>Elevator Upgrade – Beard Hall</u> UNC – Chapel Hill Chapel Hill, NC</p>	<p>Equipment replacement – Two (2)Hydraulic passenger elevators in School of Pharmacy 2009; \$ 325,000</p>
<p><u>Elevator Upgrades – Jackson Library</u> University of North Carolina at Greensboro Greensboro, NC</p>	<p>Modernization of the four traction elevators in main central campus academic library 2009; \$1,212,000</p>
<p><u>Elevator Modernization – 2 Med. Bldgs.</u> Brinkhous-Bullitt / MacNider Hall UNC School of Medicine</p>	<p>Complete replacement of elevator equipment for Morgue Elevator at State Med. Examiner’s Office and Med School Office / Lab Building 2007; \$ 900,000</p>
<p><u>Elevator Modernization</u> Mary Ellen Jones Building UNC - Chapel Hill</p>	<p>Complete Modernization and refurbishment of 4 elevators in this 11 story lab/office building 2006; \$ 670,000</p>
<p><u>Campus Elevator Study</u> Wake Technical Community College Raleigh, NC</p>	<p>Complete survey and report to establish 10 year plan for modernization of elevators in all campus buildings 2006</p>
<p><u>Tyler/Greene/Fletcher/White Elevator Upgrades</u> East Carolina University Greenville, NC</p>	<p>Modernization / renovation of elevator systems in five high-rise residence halls 2001 through 2005 \$2,000,000</p>
<p><u>South Building Renovation Projects</u> New Elevator & Life Safety Upgrades UNC-Chapel Hill</p>	<p>New elevator & hoistway / extensive renovations in historic central campus administration building 2000 - 2004 ; \$ 1,555,000</p>
<p><u>Elevator Modernization; Four Facilities</u> Department of Correction Morganton; Salisbury; Raleigh, McCain,NC</p>	<p>Complete modernization / renovation of sixteen elevator installations at four NC Department of Correction sites 2001 to 2009 ; \$2,950,000</p>



Elevator Upgrades
Jackson Library
UNC - Greensboro



ARCHITECT – ENGINEER QUALIFICATIONS

PART I – CONTRACT SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION (City and State)

Mclver Parking Deck Elevator Replacement

2. PUBLIC NOTICE DATE

November 5, 2021

3. SOLICITATION OR PROJECT NUMBER

Not Listed

B. ARCHITECT – ENGINEER POINT OF CONTACT

4. NAME AND TITLE

John B. Hawkins, Principal

5. NAME OF FIRM

John B. Hawkins, AIA, Architect

6. TELEPHONE NUMBER

919.929.0039

7. FAX NUMBER

919.942.6458

8. E-MAIL ADDRESS

jbhawkins@mindspring.com

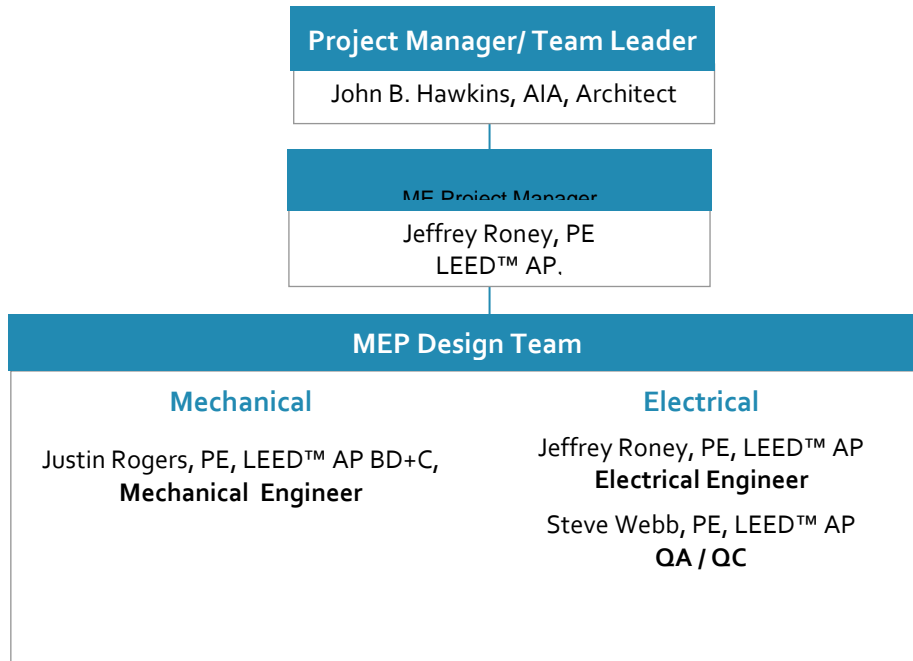
C. PROPOSED TEAM

(Complete this section for the prime contractor and all key subcontractors.)

	<i>(Check)</i>				9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V	PARTNE	TRACTO			
a.	X				John B. Hawkins, AIA, Architect <input type="checkbox"/> CHECK IF BRANCH OFFICE	210 N. Columbia Street Chapel Hill, NC 27514	Prime Contractor
b.			X		Dewberry Engineers Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	2610 Wycliff Road Suite 410 Raleigh, NC 27607	Mechanical, Electrical Engineer

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

[X] (Attached)



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME John B. Hawkins, AIA	13. ROLE IN THIS CONTRACT Architect / Team Leader	14. YEARS EXPERIENCE a. TOTAL 40 b. WITH CURRENT FIRM 26
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15. FIRM NAME AND LOCATION (City and State)
John B. Hawkins • AIA • Architect, Chapel Hill, NC

16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Architecture/University of Minnesota/1980 Bachelor of Arts/Amherst College/1975	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Architect (AIA)/ NC,VA
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Affiliations: AIA, NCARB

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	Bryan Building Elevator Modernization UNC Greensboro Greensboro, NC	2018	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Prime Contractor / Project Architect. Modernization of two (2) hydraulic passenger elevators (6 and 7 stops) in the Bryan School of Business at UNCG . Work completed during summer break in 2019. Cost: \$380,000.		
b.	Kendall Complex M/E and Elevator Renovations NC Department of Commerce Raleigh, NC	2015	2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Architect. Modernization of 5 traction and 1 hydraulic elevators in sprawling State office complex (former old Rex Hospital.) Mechanical and Electrical renovations included in scope. Cost: \$2,150,000		
c.	Central Prison Elevator Modernization – NC DPS Raleigh, NC	2009-2015	2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Prime Contractor / Project Architect. Complete assessment (2009) and modernization of 16 elevators in maximum security facility at Central Prison in Raleigh, NC . Owner: NC Dept. of Public Safety Cost: \$2,500,000		
d.	Elevator Upgrades – Jackson Library UNC Greensboro Greensboro, NC	2009	2009
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Prime Contractor/Project Architect. Modernization of the four traction elevators in main campus hi-rise academic library building. Included new emergency generator installation. Cost: \$1,212,000		
e.	South Building Elevator Addition and Renovations UNC – Chapel Hill Chapel Hill, NC	2010	2010
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Prime Contractor/Project Architect. Addition of a new structural hoistway and 4 stop hydraulic elevator in historic 200 year old central campus administration building. Cost: \$1,150,000		
f.	Elevator Upgrades - Five High-Rise Residence Halls East Carolina University Greenville, NC	2001-2005	2001-2005
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Prime Contractor/Project Architect. Modernization of traction elevators in five multi-story Residence Halls. Each project was completed during University summer break in five consecutive years 2001-2005 Cost: \$2,000,000		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME Jeffrey Roney, PE, LEED AP	13. ROLE IN THIS CONTRACT Electrical Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 13	b. WITH CURRENT FIRM 8

15. FIRM NAME AND LOCATION (City and State)
Dewberry Engineers Inc., Raleigh, NC

16. EDUCATION (DEGREE AND SPECIALIZATION) BS/Architectural Engineering/North Carolina A&T University	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer (PE)/ NC, SC, MD LEED Accredited Professional
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Jeff is an experienced project manager and electrical engineer with design experience in electrical power distribution systems, emergency and standby electrical systems, and alternate energy systems. He has specialized knowledge in the design of special systems such as medium-voltage distribution, telecommunications infrastructure, fire alarm, plant emergency notification, and plant security/surveillance.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	UNC Greensboro Walker Parking Deck Elevator Modernization, Greensboro, NC	2022 (est.)	2022 (est.)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. As sub-consultant to John B. Hawkins, AIA Architect, the Dewberry team is providing mechanical and electrical engineering services for the modernization of a single five-stop traction passenger elevator at the Walker Parking Deck on the Central Campus at the University of North Carolina at Greensboro. Cost: \$233,237	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	UNC Greensboro Gove Student Health Center Elevator Modernization, Greensboro, NC	2017	2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. Dewberry, as a sub-consultant to John B. Hawkins, AIA Architect, provided professional engineering services for the modernization of a single existing elevator in the Gove Student Health Center. Cost: \$248,000	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	UNC Greensboro Bryan Building Elevator Modernization, Greensboro, NC	2018	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. Mechanical Engineer. Dewberry, as a sub-consultant to John B. Hawkins, AIA Architect, provided professional engineering services for the modernization of two (2) passenger hydraulic elevators in the Bryan Building. Cost: \$380,000	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	UNC Chapel Hill Craige Residence Hall Elevator Upgrade, Chapel Hill, NC	2015	2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. Dewberry, as a sub-consultant to John B. Hawkins, AIA, is providing engineering design services to modernize two elevators in Craige Residence Hall, a facility completed in 1962. Engineering design services include mechanical, fire protection, and electrical construction documents, permitting, construction administration assistance, and record drawings for the elevator. Cost: \$546,400	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	UNC Chapel Hill Gardner Hall Elevator Modernizations, Chapel Hill, NC	2017	2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. Replacement of the current elevator, which required expanding the existing shaft walls to accommodate the new footprint and extending the shaft walls through the roof line to provide the additional stop on the fourth floor. Cost: \$1,319,000	<input checked="" type="checkbox"/> Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME Stephen Webb, PE	13. ROLE IN THIS CONTRACT QA/QC	14. YEARS EXPERIENCE	
		a. TOTAL 21	b. WITH CURRENT FIRM 21

15. FIRM NAME AND LOCATION (City and State)
Dewberry Engineers Inc., Raleigh, NC

16. EDUCATION (DEGREE AND SPECIALIZATION) BS/Electrical Engineering/ Virginia Polytechnic Institute of Technology	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer/NC, SC, VA
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
 Stephen has more than 21 years of progressive design and management experience in building system engineering, including power network and system distribution, on-site power generation, uninterruptable power, power system analysis, and power system protection and control. He has been involved in coordination and arc flash hazard studies in addition to interior, exterior, site/roadway, and sports field lighting systems and their controls.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	UNC Greensboro Mossman Elevator Modernization, Greensboro, NC	2014	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. Modernization of one existing three-stop hydraulic elevator in a central University campus administration building. Cost: \$151,000	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	Duke University Blackwell & Randolph Residence Hall Elevator Modernization Phase I, Durham, NC	2020	2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. Dewberry, as a sub-consultant to John B. Hawkins, AIA Architect, is providing mechanical, electrical, and fire protection engineering design services for the modernization of two existing elevators located at Blackwell Residence Hall. Cost: \$464,643	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	UNC Chapel Hill Ehringhaus, Hinton James and Carmichael Residence Halls Elevator Modernization, Chapel Hill, NC	2015	2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Electrical Engineer. Dewberry modernized two elevators in Ehringhaus Residence Hall, two elevators in Carmichael Residence Hall, and three elevators in Hinton James Residence Hall. Cost: \$1,667,900	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	Duke University Gross Hall Elevator Modernization, Durham, NC	2017	2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. Dewberry, as a sub-consultant to John B. Hawkins, AIA Architect, provided professional engineering services for the modernization of a single existing elevator at Gross Hall on the Duke University campus.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	Duke University, Carr Classroom Building Elevator Modernization, Durham, NC	2020	2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. As sub-consultant to John B. Hawkins, AIA Architect, the Dewberry team provided mechanical and electrical engineering design services for the modernization of a single existing elevator located in the Carr Classroom Building. Cost: \$450,000	<input checked="" type="checkbox"/> Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME Justin Rogers, PE, LEED AP BD+C	13. ROLE IN THIS CONTRACT Mechanical Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 16	b. WITH CURRENT FIRM 16

15. FIRM NAME AND LOCATION (City and State)
Dewberry Engineers Inc., Raleigh, NC

16. EDUCATION (DEGREE AND SPECIALIZATION) BS/Mechanical Engineering/ North Carolina State University	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer/NC, VA LEED Accredited Professional
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Justin is a Mechanical Engineer with extensive experience. Justin has assisted with feasibility studies and mechanical design of a wide variety of projects including commercial, institutional, governmental, educational, and research facilities.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a. UNC Greensboro Walker Parking Deck Elevator Modernization, Greensboro, NC	2022 (est.)	2022 (est.)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mechanical Engineer. As sub-consultant to John B. Hawkins, AIA Architect, the Dewberry team is providing mechanical and electrical engineering services for the modernization of a single five-stop traction passenger elevator at the Walker Parking Deck on the Central Campus at the University of North Carolina at Greensboro. Cost: \$233,237	<input checked="" type="checkbox"/> Check if project performed with current firm	
b. UNC Greensboro Eberhart Building Elevator Modernization, Greensboro, NC	2014	2015
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mechanical Engineer. Dewberry provided professional engineering services with John B. Hawkins, AIA Architect, for the modernization of two elevators. Engineering design services included mechanical and electrical construction documents, bidding, construction administration, and record drawings for two elevators. Cost: \$369,000	<input checked="" type="checkbox"/> Check if project performed with current firm	
c. UNC Greensboro Bryan Building Elevator Modernization, Greensboro, NC	2018	2019
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mechanical Engineer. Dewberry, as a sub-consultant to John B. Hawkins, AIA Architect, provided professional engineering services for the modernization of two passenger hydraulic elevators in the Bryan Building. Cost: \$380,000	<input checked="" type="checkbox"/> Check if project performed with current firm	
d. UNC Greensboro Mossman Elevator Modernization, Greensboro, NC	2014	2014
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mechanical Engineer. Modernization of one existing three-stop hydraulic elevator in a central University campus administration building. Cost: \$175,000	<input checked="" type="checkbox"/> Check if project performed with current firm	
e. NC Department of Labor Building Elevator Modernization, Raleigh, NC	2018	2019
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mechanical Engineer. Dewberry, as a sub-consultant to John B. Hawkins, AIA Architect, provided engineering services for the modernization of a single existing traction elevator in the NC Department of Labor Building in Raleigh, NC. Cost: \$258,000	<input checked="" type="checkbox"/> Check if project performed with current firm	

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

20. EXAMPLE PROJECT KEY NUMBER

1

21. TITLE AND LOCATION (City and State)

**Jackson Library Elevator Upgrades
UNC Greensboro Greensboro, NC**

22. YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
2010	2010

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
UNC Greensboro Greensboro, NC	Mr. David Reeves	336.334.5269

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Elevator equipment replacement for the four (4) traction elevators in the original two-story University library building and the 1970's high-rise wing. Also included in project was installation of new emergency power system in the building.

Project Cost: \$1,212,000

HIGHLIGHTS:

- Renovation/upgrade of University Library Elevators
- Same project team as proposed



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	John B. Hawkins, AIA, Architect	Chapel Hill, NC	Prime
b.	Dewberry Engineers Inc.	Raleigh, NC	Subconsultant: MEP Engineering Services

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

20. EXAMPLE PROJECT KEY NUMBER

2

21. TITLE AND LOCATION (City and State)

**New Elevator:
Gardner Hall
University of North Carolina at Chapel Hill**

22. YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
2016	2017

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
UNC – Chapel Hill	Mr. Tom Loter	919.843.3238

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Addition of a new hydraulic passenger elevator and structural hoistway in the 64 year old Gardner Hall to make all floors accessible in this home of the UNC Economics Department . Also included were toilet room renovations on each level to achieve additional accessibility objectives.

Project Cost: \$1,160,000

HIGHLIGHTS:

- Construction completed with faculty and staff occupying building
- Challenging central campus site with no immediate vehicular access



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	John B. Hawkins, AIA, Architect	Chapel Hill, NC	Prime
b.	Dewberry Engineers, Inc.	Raleigh, NC	Subconsultant: ME Engineering Services

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

20. EXAMPLE PROJECT KEY NUMBER

3

21. TITLE AND LOCATION (City and State)

**Elevator Modernization
Craigie Residence Hall
University of North Carolina at Chapel Hill**

22. YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
2015	2016

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
UNC – Chapel Hill	Mr. Tom Loter	919.843.3238

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Full 25-year elevator equipment replacement for two (2) heavily-used passenger elevators in high-rise residence hall on UNC south campus. The building was occupied during the complete construction term – with the work phased to maintain continuous elevator service for students and staff during that period.

Project Cost: \$550,000

HIGHLIGHTS:

- Elevator Modernization in active University residence hall environment.
- Challenging site / logistical conditions



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	John B. Hawkins, AIA, Architect	Chapel Hill, NC	Prime
b.	Dewberry Engineers, Inc.	Raleigh, NC	Subconsultant: ME Engineering Services

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

20. EXAMPLE PROJECT KEY NUMBER

4

21. TITLE AND LOCATION (City and State)

Elevator Modernization – Five Hi-Rise Residence Halls East Carolina University Greenville, NC

22. YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
2001-2005	2001-2005

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
East Carolina University	Mr. Gerry Gable	252-328-6776

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Modernization of 2-car group traction elevators in five (5) high-rise residence halls. The work was completed during the University summer break in five consecutive years from 2000 to 2005.

Project Cost: \$2,000,000

HIGHLIGHTS:

- High-Rise Residence Hall Elevator Modernizations



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	John B. Hawkins, AIA, Architect	Chapel Hill, NC	Prime
b.	Dewberry Engineers Inc.	Raleigh, NC	Subconsultant: MEP Engineering Services

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

20. EXAMPLE PROJECT KEY NUMBER

5

21. TITLE AND LOCATION (City and State)

**UNC President's Residence
Addition and Renovations
UNC General Administration**

22. YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
2013	2014

23. PROJECT OWNER'S INFORMATION

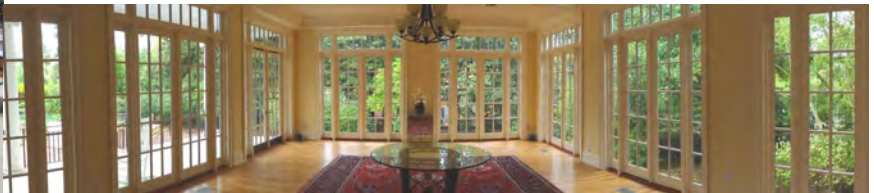
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
UNC – Chapel Hill	Mr. Gordon Rutherford	919.962.0462

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Major addition and renovations of the historic UNC System President's Residence at 400 East Franklin Street on the campus of UNC-CH. The 1,600 square foot addition includes a "Sun Room" adjacent to the renovated gardens for entertainment and seminars / business meetings, a study, small serving kitchen and storage spaces. An existing porch is expanded by 700 square feet along the east side of the addition. The renovated areas included a new guest suite, public toilet rooms, expanded family living spaces, and a new transitional hallway linking the front foyer of the original 1906 home on the north to the new addition on the south. A second phase of the project included the complete stripping and repainting of the entire original house according to strict procedures. The President's Residence is a "contributing resource" within the National and Local Historic Districts in downtown Chapel Hill. Total Project Cost: \$1,250,000

HIGHLIGHTS:

- Primary Objective: " Preserve historic integrity of House."
- Challenging site / oversight by multiple regulatory bodies



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	John B. Hawkins, AIA, Architect	Chapel Hill, NC	Prime
b.	Kramer Engineering Services	Chapel Hill, NC	Subconsultant: MEP Engineering Services

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

20. EXAMPLE PROJECT KEY NUMBER

6

21. TITLE AND LOCATION (City and State)

**James L. Love House Renovation and Addition
UNC – Chapel Hill**

22. YEAR COMPLETED

PROFESSIONAL SERVICES

CONSTRUCTION (if Applicable)

2006

2006

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

University of North Carolina Chapel Hill

b. POINT OF CONTACT NAME

Mr. Paul Kapp

c. POINT OF CONTACT TELEPHONE NUMBER

919.843.7254

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Complete renovation and major addition to the historic James L. Love House (built in 1889) to create office suites for the UNC "Center for the Study of the American South." The project included a near total gut of the interior of the original structure, restoration of original moldings and details, and new wood floors, finishes, fixtures and hardware. A major addition was added on the east (rear) side of the original house to provide additional office space and was constructed with architectural materials and detailing to match the original house. This addition is not visible from the primary roadways (Franklin Street and Battle Lane), to comply with the goal to have the home appear as it did at the turn of the 20th century. Archaeological investigations of the site were conducted by UNC prior to the demolition and new construction, and unearthed early records of the first UNC President's residence – which burned in the late 19th century and was replaced in 1906 with the current President's Residence next door on Franklin Street.

HIGHLIGHTS:

- Historic home restored and converted to office use for a sympathetic occupant: The UNC Center for the Study of the American South.

Total Construction Cost: \$845,000



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	John B. Hawkins, AIA, Architect	Chapel Hill, NC	Prime

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

20. EXAMPLE PROJECT KEY NUMBER

7

21. TITLE AND LOCATION (City and State)

**Graham Building Elevator Addition, East Carolina University
Greenville, NC**

22. YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
2011	2016

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

East Carolina University

b. POINT OF CONTACT NAME

Mr. Robert Brown

c. POINT OF CONTACT TELEPHONE NUMBER

252.328.2824

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

John B. Hawkins, AIA Architect, and Dewberry Engineers provided architectural, mechanical, plumbing, electrical and structural professional engineering services for the design of a new, three-story addition to the Graham Academic Building located on the East Carolina University Campus. Scope of work included a new three stop hydraulic elevator and new ADA compliant toilet facilities to make this home of the ECU Geology Department fully accessible.

Project Cost: \$860,000

HIGHLIGHTS:

- Elevator Addition to key building on main campus quad
- Same project team as proposed



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	John B. Hawkins, AIA, Architect	Chapel Hill, NC	Prime
b.	Dewberry Engineers Inc.	Raleigh, NC	Subconsultant: MEP Engineering Services

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

20. EXAMPLE PROJECT KEY NUMBER

8

21. TITLE AND LOCATION (City and State)

**Central Prison Elevator Modernization
Raleigh, NC**

22. YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
2012	2015

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
NC Department of Public Safety	Mr. Robert Gron	919.716.3808

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

- Complete modernization of 16 existing hydraulic and traction elevator installations in Maximum Security Prison Facility. John B. Hawkins, AIA Architect provided professional architectural and elevator design services for the two-phase construction. The project began with a complete site investigation and written condition assessment that included an analysis of existing conditions, a summary of required upgrades, and development of cost estimates for the proposed modernization work.

HIGHLIGHTS:

- Challenging construction environment in sprawling, limited-access high-security correctional complex
- Elevators controlled from remote security guard stations

Project Cost: \$1,350,000



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	John B. Hawkins, AIA, Architect	Chapel Hill, NC	Prime
b.	Dewberry Engineers Inc.	Raleigh, NC	Subconsultant: MEP Engineering Services

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

20. EXAMPLE PROJECT KEY NUMBER

9

21. TITLE AND LOCATION (City and State)

**South Building – New Elevator and General Renovations
UNC - Chapel Hill**

22. YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
2004	2004

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER UNC Chapel Hill	b. POINT OF CONTACT NAME Mr. Bill Roach, PE	c. POINT OF CONTACT TELEPHONE NUMBER 919.962.0521
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The South Building on Cameron Avenue is one of the oldest buildings on the UNC Chapel Hill campus. Located across Cameron Avenue from the Old Well in the oldest part of the campus, the original building construction was begun in 1798 and completed in 1814. The building was first constructed for classroom use, but now houses the University's Chancellor and senior administrative offices.

John B. Hawkins, AIA, and Dewberry provided architectural and engineering services for the addition of an elevator to the historic South Building. The scope of services included structural, mechanical, plumbing, electrical and telecommunications engineering.

To preserve the historic and visual integrity of this elegant old building, the elevator was added to the interior of the building, which required penetrating the existing concrete pan joist system on each floor. The new elevator shaft is supported by steel beams and an elevator support system.

Two restrooms were relocated to other areas of the building and mechanical chilled water piping and domestic plumbing was relocated to provide the new elevator space. Electrical and telecommunications infrastructure are relocated on all four floors.

Subsequent to the elevator project, the Hawkins / Dewberry team was also selected for the complete replacement of the heating, ventilation and air conditioning system for the basement floor of the South Building. Getting ventilation air into the building was a code requirement, and to mitigate the visual impact the designers used the existing chimney openings which were no longer used for heating. Dewberry's designers replaced the existing fan coil cooling system with a forced air system, and because of limited ceiling height, distributed the air in horizontal chases created under the windows.

Cost: \$1,380,000

HIGHLIGHTS:

- New Elevator / Renovations
- Same team as proposed



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a. John B. Hawkins, AIA, Architect	Chapel Hill, NC	Prime
b. Dewberry Engineers Inc.	Raleigh, NC	Subconsultant: MEP Engineering Services

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

20. EXAMPLE PROJECT KEY NUMBER

10

21. TITLE AND LOCATION (City and State)

**Elevator Modernization
Brinkhous-Bullitt Building / MacNider Hall
UNC – Chapel Hill School of Medicine**

22. YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
2007	2007

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

UNC – Chapel Hill

b. POINT OF CONTACT NAME

Mr. Bill Roach

c. POINT OF CONTACT TELEPHONE NUMBER

919.962.0521

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Complete replacement of elevator equipment for Morgue Elevator at State Medical Examiner's Office and Medical School office / laboratory building. Operations at the Medical Examiner's Office were maintained continuously 24-7 during the elevator modernization by the erection of a construction elevator adjacent to the building to transport gurnies to the 16th floor morgue.

Project Cost: \$900,000

HIGHLIGHTS:

- Elevator Modernization
- Challenging site / logistical conditions



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	John B. Hawkins, AIA, Architect	Chapel Hill, NC	Prime
b.	Kramer Engineering Services	Chapel Hill, NC	Subconsultant: MEP Engineering Services

G. KEY PERSONNEL IN EXAMPLE PROJECTS											
26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	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
John Hawkins, AIA	Architect / Team Leader	x	x	x	x	x	x	x	x	x	x
Jeff Roney, PE	Electrical Engineer		x	x					x		
Steve Webb, PE	QA / QC	x	x					x	x	x	
Justin Rogers, PE	Mechanical Engineer		x	x					x		

29. EXAMPLE PROJECTS KEY			
NO	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	Elevator Upgrades – Jackson Library UNC Greensboro Greensboro, NC	6	James L. Love House Renovation and Addition UNC – Chapel Hill Chapel Hill, NC
2	Gardner Hall New Elevator UNC – Chapel Hill Chapel Hill, NC	7	New Elevator – Graham Building East Carolina University Greenville, NC
3	Craige Residence Hall Elevator Modernization UNC – Chapel Hill Chapel Hill, NC	8	Central Prison Elevator Modernization NC Dept. Of Public Safety Raleigh, NC
4	Elevator Modernization at Five Hi-Rise Residence Halls East Carolina University Greenville, NC	9	South Building – New Elevator and General Renovations UNC – Chapel Hill Chapel Hill, NC
5	UNC President’s Residence – Addition and Renovations UNC – Chapel Hill Chapel Hill, NC	10	Elevator Modernization – Brinkhous Bullitt Building and MacNider Hall UNC-Chapel Hill School of Medicine

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

N/A

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME John B. Hawkins . AIA . Architect			3. YEAR ESTABLISHED 1994	4. DUNS NUMBER 929152783
2b. STREET 210 N. Columbia Street			5. OWNERSHIP	
2c. CITY Chapel Hill			2d. STATE NC	2e. ZIP CODE 27514
6a. POINT OF CONTACT NAME AND TITLE John B. Hawkins			a. TYPE Sole Proprietor	
6b. TELEPHONE NUMBER 919-929-0039			b. SMALL BUSINESS STATUS NAICS 541310	
6c. E-MAIL ADDRESS jbhawkins@mindspring.com			7. NAME OF FIRM (If block 2a is a branch office)	
8a. FORMER FIRM NAME(S) (If any)			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 (see below)
		(1) FIRM	(2) BRANCH			
06	Architectural	2		A06	Aircraft Hangar	2
				C08	Building Code Studies	1
				C13	Computer Labs	1
				E02	Academic Bldg. Renovations	2
				E05	Elevator Modernizations	3
				H08	Historic Preservation	2
				I05	Space Planning	1
	Other Employees		1			
	Total		3			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER			
a. Federal Work	0	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	2	2. \$100,00 to less than \$250,000	9. \$25 million to less than \$50 million	10. \$50 million or greater	
c. Total Work	2	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 <i>John B. Hawkins AIA</i>	b. DATE 11/5/21
c. NAME AND TITLE John B. Hawkins - Principal	

ARCHITECT – ENGINEER QUALIFICATIONS

PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

1. SOLICITATION NUMBER
(IF ANY)

2a. FIRM (or Branch Office) NAME

Dewberry Engineers Inc.



3. YEAR ESTABLISHED

2013

4. UNIQUE ENTITY IDENTIFIER

078706340

2b. STREET

2610 Wycliff Road, Suite 410

5. OWNERSHIP

2c. CITY

Raleigh

2d. STATE

NC

2e. ZIP CODE

27607-3073

a. TYPE

Corporation

6a. POINT OF CONTACT NAME AND TITLE

Shepard Hockaday, PE, LEED AP, Senior Vice President

b. SMALL BUSINESS STATUS

No

6b. TELEPHONE NUMBER

919.424.3720

6c. EMAIL ADDRESS

shockaday@dewberry.com

7. NAME OF FIRM (If block 2a is a branch office)

The Dewberry Companies Inc.

8a. FORMER FIRM NAME(S) (If any)

8b. YEAR ESTABLISHED

8c. UNIQUE ENTITY IDENTIFIER

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. Number of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	215	12	B02	Bridges	4
08	CADD Technician	78	4	C12	Communications Systems; TV; Microwave	4
12	Civil Engineer	301	14	C15	Construction Management	2
15	Construction Inspector	104	1	E02	Educational Facilities; Classrooms	6
16	Construction Manager	49	1	E03	Electrical Studies and Design	4
21	Electrical Engineer	78	31	E07	Energy Conservation; New Enrg. Sources	4
24	Environmental Scientist	51	5	E11	Environmental Planning	3
29	Geographic Information System Specialist	100	2	E13	Environmental Testing and Analysis	3
38	Land Surveyor	193	11	F03	Fire Protection	1
39	Landscape Architect	34	3	G04	Geographic Information System Services: Development, Analysis, & Data Collection	1
42	Mechanical Engineer	128	44	H04	Heating; Ventilating; Air Conditioning	5
48	Program Analyst/Program Manager	24	3	H07	Highways; Streets; Airfield Pav.; Prkg. Lots	4
56	Technical/Specification Writer	50	6	H09	Hospital & Medical Facilities	7
57	Structural Engineer	141	13	L01	Laboratories; Medical Research Facilities	1
60	Transportation Engineer	167	17	L11	Land Development, Commercial	3
62	Water Resources Engineer	118	3	M05	Military Design Standards	4
	QA/QC Specialists	8	1	O01	Office Buildings; Industrial Parks	2
	Site Acquisition Specialist	8	7	P07	Plumbing & Piping Design	1
	Water/Wastewater Engineer	103	18	P12	Power Generation, Transmission, Dist.	5
				S04	Sewage Collection, Treatment & Disposal	4
				S10	Surveying; Platting; Mapping; Flood Plain Studies	5
				S13	Storm Water Handling & Facilities	4
				T03	Traffic & Transportation Engineering	3
	Other Employees	334	18	W02	Water Resources; Hydrology; Ground Wtr.	4
	Total	2284	214	W03	Water Supply; Treatment and Distribution	6

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRMS FOR LAST 3 YEARS (Insert revenue index number shown at right)

a. Federal Work	5
b. Non-Federal Work	8
c. Total Work	8

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than \$100,000
2. \$100,000 to less than \$250,000
3. \$250,000 to less than \$500,000
4. \$500,000 to less than \$1 million
5. \$1 million to less than \$2 million
6. \$2 million to less than \$5 million
7. \$5 million to less than \$10 million
8. \$10 million to less than \$25 million
9. \$25 million to less than \$50 million
10. \$50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE

b. DATE

October 25, 2021

c. NAME AND TITLE

Donald E. Stone, Jr., Director/Executive Vice President