



Finance and Administration Committee
March 17, 2026

Action Item

FAC - 1 Selection of Designer – North and South Spencer HVAC Replacement

Background Information

North Spencer was built in 1904, and the Fan Coil Units are over 20 years old. South Spencer was built in 1907; its Air Handling Units are over 30 years old, and the individual fan coil units are over 20 years old. The HVAC system is well past its expected useful life and will be updated by implementing energy-efficient units. The scope of the North and South Spencer HVAC Replacement project is to add redundancy to the HVAC system by replacing the mechanical systems, including fan coil units, AHUs, mechanical piping, and updating mechanical rooms to provide both chilled and hot water to HVAC units.

Per the September 9, 2025, BOT meeting, the Finance *and* Administration Committee approved **\$598,000** for **Advance Planning** (design and commissioning) for the North and South Spencer HVAC Replacement project.

Project Cost: 5,980,000

The University of North Carolina System website advertised the request for qualifications and letters of interest for design services for this project. Seventeen (17) firms submitted letters of interest, one (1) from Guilford County.

The Designer Selection Committee reviewed the letters of interest and invited three (3) firms to interview on January 16, 2026, to present their qualifications and recommend the following in ranking order.

1. Sigma Engineered Solutions, PC, Raleigh, NC
2. McKim & Creed, Inc., Raleigh, NC
3. Salas O'Brien, Raleigh, NC

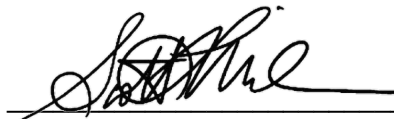
The firm of Sigma Engineered Solutions, PC, is recommended as the Designer for the following reasons:

1. Sigma Engineered Solutions demonstrated the greatest experience and most recent knowledge of mechanical systems utilized within residence halls at UNC Greensboro.

2. Of the three firms interviewed, Sigma demonstrated the most working knowledge and experience with the 3-pipe mechanical system that is currently installed in recently completed UNC Greensboro residence halls and is considered a preferred option by the Housing and Residence Life (HRL) team.
3. The Sigma team presented the most proactive process for risk management and evaluation for establishing a scope and schedule to meet the project's authorized budget.

Requested Action

Based on the above information, the Board of Trustees of the University of North Carolina at Greensboro approves Sigma Engineered Solutions, PC, Raleigh, NC, for the North and South Spencer HVAC Replacement project. 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.



Scott Milman

Interim Vice Chancellor for Finance *and* Facilities

Attachments:

- Sigma Engineered Solutions, PC Letter of Interest



**North and South Spencer
Residence Halls
HVAC Replacement**



Prepared for
UNC Greensboro

Prepared by
Sigma Engineered Solutions, PC



TAB 1-COMPLETED INFO SHEET



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" value="Lambert Architecture + Interiors"/>	<input type="checkbox"/> Check If HUB	Mechanical:	<input type="text"/>	<input type="checkbox"/> Check If HUB
Electrical:	<input type="text"/>	<input type="checkbox"/> Check If HUB	Plumbing:	<input type="text"/>	<input 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"/>				<input type="checkbox"/> Check If HUB
Other (specify type):	<input type="text"/>				<input type="checkbox"/> Check If HUB

TAB 2-LETTER OF INTEREST



December 5, 2025

Mr. Kurt Melvin
UNC Greensboro Facilities Design & Construction
Gray Home Management House
105 Gray Drive
Greensboro, NC 27412
(Via email: k_melvin@uncg.edu)

Re: **UNC Greensboro North and South Spencer Residence Halls - HVAC Replacement**

Dear Mr. Melvin,

I am pleased to offer this Letter of Interest and Statement of Qualifications for the HVAC Replacement at North and South Spencer Residence Halls at UNC Greensboro.

Sigma Engineered Solutions, PC (Sigma), a multi-discipline engineering office in Raleigh, opened in 2003. The design and renovation of North Carolina educational and institutional facilities are the heart of our practice. Many of our projects in the last twenty-two years have been renovation or combination renovation and new construction projects in the UNC system, and we've worked for nearly every major university in the UNC system, including:

- UNC Greensboro
- UNC Chapel Hill
- NC State University
- East Carolina University
- Duke University

We have formed ongoing relationships with these clients that continue to develop favorably and provide mutual benefit. The organization of our firm allows our principals to manage each project personally and to maintain close, constant involvement throughout the design and construction process.

Since 2013 we have been fortunate to have worked at UNCG and specifically with Tim Johnson and the HRL team. Each of these projects have had challenges related to changing SCO requirements, market escalations, and supply chain interruptions. We also know that all these obstacles are amplified by the rigid Housing deadlines. We understand this and Sigma has set the reputation, I believe, of being a constant partner to the University through all these projects and has ultimately navigated them all to successful completion.

We ask that you trust us again with North and South Spencer Halls.

In response to your Request for Qualifications, we offer the following:

Sigma Engineered Solutions, P.C. The Summation of Quality

5909 Falls of Neuse Road – Suite 101 – Raleigh, NC 27609
919.840.9300 – www.sigmaes.com

- ◆ Current and extensive experience in **HVAC, electrical, and plumbing** design for numerous institutional facilities; our principals and design team are currently working on the design and construction of over 2,000,000 square feet of significant renovations for HVAC, electrical, plumbing, and fire protection systems on facilities across the State of North Carolina.
- ◆ Our ability to continue to procure projects from past Clients is a good indicator of our performance - present and past. Over 98% of our Clients are Owners for whom we have completed two or more projects.
- ◆ We have a staff of fourteen full-time employees. Our current workload and staff allow us to respond to almost any Client need in a timely fashion.
- ◆ We continue to meet all design schedules in a timely fashion. In addition, our record of keeping a project on budget is exemplary. Our estimates are generally within 3-5% of awarded bids on State projects.
- ◆ We present new technologies and ideas if they are conducive to the project goals, and in fact the Fan-Coil-Unit standard now used in all dormitory renovation is one we presented to UNCG for our very first HRL project in 2013 –Reynolds Residence Hall.

We proposed to team up with **Lambert Architecture + Interiors** for the architectural needs of this project. We have a solid history of working with Lambert and have completed many successful projects with them, including university work such as the currently underway Spring Garden Apartments Renovations (in design phase), Moore-Strong Residence Hall Renovations (in construction phase), and the recently completed Phillips-Hawkins renovations at UNC Greensboro.

Please do not hesitate to contact me if I can answer any questions you have or if you would like additional information. I thank you for this opportunity to present our qualifications and look forward to continuing our relationship with you and the good folks at UNCG.

Sincerely,



Paul J. Romiti, PE,
Principal

promiti@sigmaes.com

TAB 3-PROJECT TEAM ORGANIZATION CHART

PROJECT TEAM ORGANIZATION CHART



UNC
GREENSBORO

SIGMA ENGINEERED SOLUTIONS, PC

NC C-2490



Paul Romiti, PE

Principal-in-Charge, Chief Mechanical Engineer

**Reginald Adams, PE,
LEED AP BD+C**

Chief Electrical Engineer

John Erickson, PE

*Mechanical Engineer, Project
Manager*

L A M B E R T
ARCHITECTURE + INTERIORS

Stuart McCormick, AIA, LEED AP, NCARB

Architectural Consultant



3.1 ADEQUATE STAFF AND PROPOSED DESIGN OR CONSULTANT TEAM FOR THE PROJECT

Sigma employs seven professional engineers, one graduate engineer, one senior designer, four CAD operators and two administrative personnel. We would propose two of our core members of our staff to work on this project. In addition, we are teamed with Lambert Architecture + Interiors for architectural needs. As you will see in the project summaries included in previous sections of this SF-330, we have partnered with Lambert on several University renovation projects and know how to partner to bring the best project experience to our client. These individuals are uniquely qualified for this project.

Paul J. Romiti, PE – Principal-in-Charge, and Chief Mechanical Engineer

Reginald D. Adams, PE – Chief Electrical Engineer

Lambert Architecture + Interiors – Architectural Consultants

Our design engineers will be involved in both the pre-construction design process for Mechanical, Electrical, Plumbing and Fire Protection engineering, as well as during the construction phase with construction administration of all MEP,FP building systems during the construction phase. We believe that the engineer who designed the work is the best person to ensure that the project is built according to design, so every member of our proposed design team will be involved with the project from kick-off through final completion.

Below are brief resumes of our proposed team members.



PAUL J. ROMITI, PE
PRINCIPAL – CHIEF MECHANICAL ENGINEER

Mr. Romiti has 29 years of experience in Mechanical Engineering and Automated controls. His background includes complete mechanical, plumbing, and fire-protection design in both renovated and new structures. Mr. Romiti applies his extensive controls knowledge to personally verify proper operation of his systems and commissioning. Specializing in tight budgets, and aggressive schedules, he remains client driven and delivers systems that meet project needs. Mr. Romiti has

been designing to LEED standards since 2002 and remains well versed in all strategies available to obtain maximum levels of LEED certification.

Education

*BSME Mechanical Engineering, 1996
North Carolina State University*

Registration

Registered Mechanical Engineer in the following States:

- North Carolina, #26581
- South Carolina
- Virginia
- Maryland

Professional Experience

29 Years



REGINALD D. ADAMS, PE, LEED AP BD+C
PRINCIPAL – CHIEF ELECTRICAL ENGINEER

Mr. Adams has 37 years of experience in the electrical engineering field, marketing, and project management. Mr. Adams has extensive management experience including the management of multiple individuals and project teams. He has managed projects with a construction value of \$100,000 up to \$50,000,000. These projects were often “fast-track” type efforts with project teams ranging from architects to civil engineers to building system engineers. His project management experience includes all phases from programming to project close out.

Education

*BSEE Electrical Engineering, 1988
North Carolina State University*

Registration

Registered Electrical Engineer in the following States:

- North Carolina, #19658
- South Carolina
- Virginia
- Maryland
- Tennessee
- Georgia

Professional Experience

37 Years

LEED Accredited Professional





JOHN R. ERICKSON, PE
MECHANICAL/PLUMBING ENGINEER

Mr. Erickson has 10 years of experience in Mechanical Engineering. His background includes mechanical, plumbing, and fire protection design and energy analysis for projects including education, retail, medical, institutional, fire & EMS, public assembly, residential, historic, and restaurant facilities. These facilities have included systems involving chilled water, high temperature hot water, steam, and natural gas. Design experience includes both new work and renovations. Mr. Erickson has experience designing to meet LEED standards and obtaining varying levels of LEED project certifications.

Education

*BSME Mechanical Engineering, 2015
The University of North Carolina at
Charlotte*

Registration

Registered Mechanical Engineer
in the following State:

- North Carolina, #50628

Professional Experience

10 Years



STUART M^cCORMICK, AIA, LEED AP, NCARB
ARCHITECTURAL CONSULTANT / PRINCIPAL ARCHITECT
LAMBERT Architecture + Interiors

Mr. McCormick holds a Masters of Architecture and a Bachelor of Science in Design, and has 43 years of experience in architectural design. His recent experience includes Spring Garden Apartments HVAC and Roof Renovation at UNC Greensboro (currently in design, Sigma is prime designer on this project); Phillips Hawkins HVAC Replacement at UNC Greensboro (completed 2025, Sigma was prime designer, and Lambert was Architectural Consultant), Ragsdale/Mendenhall Residence Hall Renovation at UNC Greensboro (completed in 2020, Lambert was prime designer, Sigma was Building Systems Engineer Consultant), and the Marteen Hall Renovations at NC A&T University (completed in 2025).



MATTHEW GEIGER
ARCHITECTURAL CONSULTANT / PROJECT DESIGNER / BIM TECHNICIAN
LAMBERT Architecture + Interiors

Mr. Geiger holds a Masters of Architecture and a Bachelor of Science in Architecture, and has 10 years of experience in architectural design. His recent experience includes Spring Garden Apartments HVAC and Roof Renovation at UNC Greensboro (currently in design); Phillips Hawkins HVAC Replacement at UNC Greensboro (completed in 2025), Ragsdale/Mendenhall Residence Hall Renovation at UNC Greensboro (completed in 2020), and the Marteen Hall Renovations at NC A&T University (completed in 2025).



Firm Profile



FIRM INFORMATION: Sigma Engineered Solutions, PC
5909 Falls of Neuse Rd., Suite 101
Raleigh, NC 27609
Phone: (919) 840-9300
www.sigmaes.com

Professional Corporation
NC Business License # C-2490

PRINCIPAL CONTACT: Paul J. Romiti, PE
O: (919) 840-9300, C: (919) 369-8221
E: promiti@sigmaes.com

COMPANY STRUCTURE AND HISTORY

Sigma Engineered Solutions, PC (Sigma) was established in 2003. Our firm is a partnership of professional engineers with over 100 years of combined experience in consulting engineering and construction administration services in North Carolina, South Carolina, Virginia and Maryland. Principals of the firm are Mr. Reginald Adams, PE, LEED AP, President and CEO; and Mr. Paul Romiti, PE, Vice-President and COO. Mr. Romiti has a vast knowledge of temperature control systems and commissioning. We currently have a staff of 15 full-time employees, comprised of seven (7) professional engineers, one (1) graduate engineer, one (1) senior designer, four (4) CAD operators, and two (2) administrative staff.

Since its inception, Sigma has completed designs in NC, VA, MD, OK, GA, LA and SC, established relationships with premier architectural design firms, and created strategic affiliations with other engineering and related firms. We have demonstrated a capacity to respond successfully to a broad range of design and client challenges. Building upon this experience, our goal is to be a premier and profitable service provider to leading design and construction projects around the United States.

DESCRIPTION OF BUSINESS SERVICES

Our objective is to provide superior consulting services for the design of mechanical (HVAC), plumbing, electrical, fire suppression, and telecommunications systems. Additionally, we provide feasibility studies, cost estimating, due diligence reports, master planning, and systems analysis. We perform life cycle cost analysis and energy modeling on most large projects, and offer temperature control system verification on all projects to ensure that all equipment is operating at design performance.

Sigma has a commitment to providing sustainable design for its clients. We are members of the U.S. Green Building Council, and have three LEED Accredited Professionals on staff. Even if the project is not targeted for LEED certification, we consistently bring many of the strategies of LEED to every project.

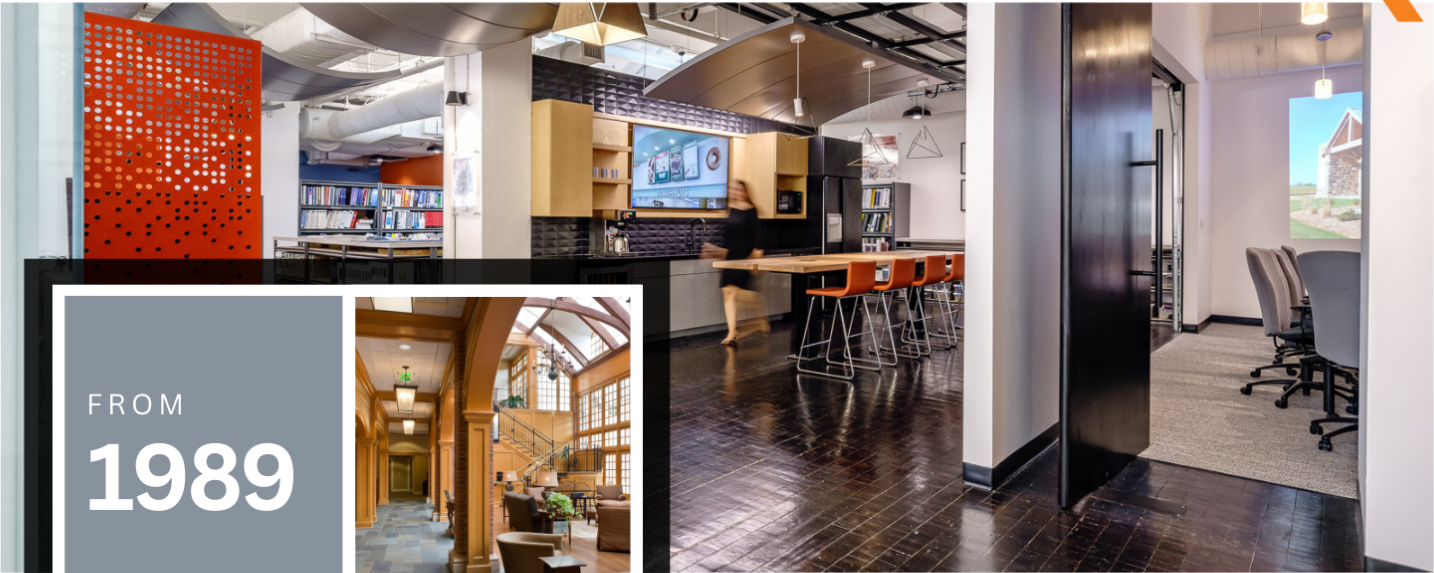
Sigma has successfully completed over one-thousand projects since its inception. Most of these projects have been renovations or combination renovation-and-new construction projects. Some of our major projects were done while the Owner fully occupied the building. Our principals and engineers are well versed in working on projects in the public sector and have vast experience working with plan reviewers to expedite the approval process on both new and renovation projects.

We are experienced with working directly for many large organizations such as:

- North Carolina State University
- University of North Carolina Chapel Hill
- University of North Carolina Greensboro
- Wake Technical Community College
- City of Raleigh
- City of Durham
- Town of Cary
- Wake County
- Durham County
- NC Dept. of Administration
- NC Dept. of Health and Human Services
- NC Dept. of Information and Technology
- NC Dept. of Natural and Cultural Resources



CRAFTING ENVIRONMENTS, CREATING EXPERIENCES.



FROM
1989



85% +
RENOVATION
PROJECTS

1500 +
PROJECTS
COMPLETED



Let us be the **narrator** of your **design story**.

Founded by Stuart McCormick in 1989, LAMBERT Architecture + Interiors has developed strong ties with North Carolina, the State Construction Office, and the higher education sector. Over three decades, we've earned a reputation for delivering exceptional results on university campuses. Our deep understanding of higher education design allows us to tailor each project to meet the unique needs of academic institutions, balancing functionality, long-term performance, and aesthetics.

Our expertise in managing complex campus environments—whether integrating new construction with historic buildings or executing renovations with minimal disruption—has made us a trusted partner for higher education projects. This foundation, combined with our focus on innovation and collaboration, ensures precise, successful outcomes.

Empowering Your Vision

- Architecture
- Interior Design
- Furniture, Fixtures & Equipment (FF&E)
- Brand Design
- Project Integration
- Sustainability & Wellness



Scan
for more
about us



336-777-3657



408 N Marshall Street, Suite 300
Winston-Salem, NC

TAB 4-RELEVANT PROJECT EXPERIENCE
and OTHER IMPORTANT FACTORS

RELEVANT EXPERIENCE & OTHER IMPORTANT FACTORS

4.1 SPECIALIZED OR APPROPRIATE EXPERTISE IN THE TYPE OF PROJECT

Sigma's engineers are well versed in the North Carolina State Construction Office process, and have vast experience working with plan reviewers to expedite the approval process on both new and renovation projects. Our primary focus has been public projects with the State of North Carolina, local government, and various higher education facilities. To date, this includes over 1,000 projects totaling over \$550 million in MEP construction dollars.

Our campus design experience includes multiple renovations at UNC Chapel Hill, UNC Greensboro, NC State University, and Wake Technical Community College. Additionally, we have designed projects for East Carolina University, NC Central University, Elon University, Elizabeth State University, Surry Community College and Wesleyan College.

We currently hold open-ended design agreements with UNC Chapel Hill, NC State, the City of Raleigh, and Wake County, and welcome any design opportunity.

A few projects which we feel are similar in scope to the proposed HVAC Replacements at North and South Spencer Residence Halls and which reflect our past performance are detailed below.

PROJECT EXAMPLE #1: UNC Greensboro - Spring Garden Apartments – HVAC and Roofing Replacement

The Spring Gardens Apartments building on campus is a 175,000sf suite style-dormitory with split system heat pumps serving each suite. It was originally a "Foundation" Project with the state taking over ownership in 2008.

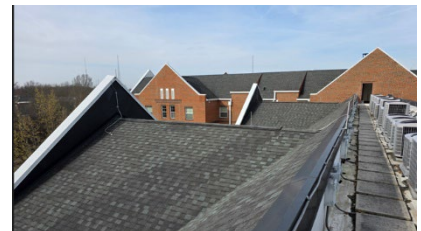
Currently in the final stages of design, the project scope of work involves replacing 135 split systems and corresponding roof mounted heat pumps. The project was complicated by the mandatory transition to A2L units. Sigma helped guide the university and the SCO through the transition process and worked closely with HRL and the SCO to keep it from ballooning out of budget.

At the time of this RFQ preparation, the project was still on-time for the desired construction period on Summer-Fall 2026.

The total construction budget is estimated at \$ 4.2M

Prime Designer: Sigma Engineered Solutions, PC

Architectural Consultant: Lambert Architecture + Interiors



PROJECT EXAMPLE #2: UNC Chapel Hill - Hamilton Hall HVAC Replacement

Currently in the final stages of design, the project scope of work includes the replacement of central mechanical systems within Hamilton Hall on Central Campus. The heavily utilized building was completed in 1972 and contains classroom, laboratory and office space for the departments of Archaeology, Sociology, History, Peace, War & Defense, and Political Science within the College of Arts & Sciences.

Specifically, the project will replace the dual-duct built-up AHU-1, located in the basement mechanical room and rated for 71,500 cfm, with a digitally controlled VAV unit. The project will also remove and replace the existing dual-duct ductwork with new VAV ductwork throughout, install digitally controlled VAV hot-water reheat terminal units and install a hot water piping system. The associated work requires



the removal and replacement of suspended ceilings and light fixtures in the affected areas. Hazardous materials testing, design and abatement is also a heavy component of the renovation design. Careful attention to project phasing and implementation will be required to limit the displacement time of building occupants.

Project Budget \$12,000,000

Prime Designer: *Sigma Engineered Solutions, PC*



PROJECT EXAMPLE #3: UNC Greensboro - Phillips Hawkins Moore Strong Residence Hall Renovations

These two buildings on central UNCG campus had failing dual-temp fan coil units and HVAC infrastructure. Both buildings are approximately 80,000sf each. Phillips Hawkins is 3 stories fully above grade (5 stories total) and Moore strong was also 3 stories above grade. Renovations included over 600 fan coil units, make-up air units, new steam converters, hot and chilled water pumping and distribution, and new DDC controls.

The projects are scheduled to take advantage of fall/summer semesters to allow for the maximum flexibility of beds available to UNCG Housing and Residence life. In addition, existing buildings were carefully surveyed so that Sigma could make recommendations to the owner as to what elements of the existing systems and structures could be reused to reduce construction costs.

The total construction budget is \$8,000,000 to do both buildings

Prime Designer: *Sigma Engineered Solutions, PC*

Architectural Consultant: *Lambert Architecture + Interiors*

PROJECT EXAMPLE #4: UNC Greensboro - Ragsdale Mendenhall Residence Hall Renovations

Sigma served as a subconsultant to Lambert Architecture + Interiors on the renovation project at Ragsdale Mendenhall Residence Hall at UNCG. The project included a comprehensive renovation that provided:

- New mechanical and electrical systems throughout the building to meet current code standards
- Replacement of exterior windows for improved energy efficiency
- ADA upgrades including the modernization of the existing elevator
- Interior finishes through the building.



Sigma provided the mechanical, electrical, plumbing and fire protection for this 90,000 SF project. Engineering scope of work included tying the building to the existing campus chilled-water loop (limited to 5 ft outside the building), providing new hydronic fan coil units, electrical upgrades, modernizing an existing elevator and renovating single occupancy toilets as well as fire alarm and sprinkler work in order to meet HVAC requirements.

Cost: \$10,000,000

Prime Designer: *Lambert Architecture + Interiors*

MEPF Consultant: *Sigma Engineered Solutions, PC*

PROJECT EXAMPLE #5: UNC Chapel Hill – Frank Porter Graham Student Union Renovations

Sigma provided engineering systems design for the renovation of this 160,000 SF, 3-story facility, including a 4000 SF auditorium. This project included bringing the entire building up to code compliance, and provisions to add a 2500 SF Commercial Kitchen and dining room to the ground floor and a full replacement of the existing 40 year old switchgear.

Additional scope included energy modeling and controls upgrades to HVAC systems funded by the UNC Renewable Energy Special Projects Committee (RESPEC) to reduce building energy consumption.

Other considerations in this project required Building to be occupied through all phases of construction, as well as uninterrupted service to critical Student-run programs such as Radio and TV stations and Yearbook. This facility was occupied during renovation.

Cost: \$5,000,000

MEPF Consultant: *Sigma Engineered Solutions, PC*



4.2 PAST PERFORMANCE ON SIMILAR PROJECTS

90% of our revenues come from repeat clients. We think that this speaks directly to our past performance. All of our projects with similar experience were completed on time, on budget and to the satisfaction of the client. We specialize in “messy” renovation projects that require thorough field investigations and careful planning. We are adept at routing projects through the SCO as the prime designer and managing bidding, contracts, and construction administration.

4.3 CURRENT WORKLOAD AND STATE PROJECTS AWARDED

Below is a list of the most significant projects currently in production at Sigma Engineered Solutions, PC. Projects that have been awarded through the State Construction Office are denoted with ‘SCO’.

Jobs in Design

UNCG – Spring Gardens HVAC Renovations	Deadline February 2026	SCO
Wake Tech Community College – Multiple Chiller Replacements	Deadline February 2026	
UNC – Hamilton Hall HVAC Renovations	Deadline Spring 2026	SCO
Town Creek Indian Mound Visitor Center	Deadline Spring 2026	SCO
NCSSM – Phase II Renovations	Deadline April 2026	
Gibsonville Library	Deadline May 2026	

Jobs under Construction

UNCG – Moore Strong HVAC Renovations	Completion January 2026	SCO
DPI – Eastern NC School for the Deaf Renovations	Completion March 2026	SCO
Longleaf Neuro-Medical Treatment Center – Scott Wing Renovations	Completion Summer 2026	SCO
Wake Tech Community College – Building SP Renovations	Completion Winter 2025	

4.4 PROPOSED DESIGN APPROACH FOR THE PROJECT

Sigma’s approach to design is to start with the Owner. We will first meet with all parties associated with the project scope and try to determine exactly what their goals are. We will then collect drawings and information on existing systems and then field verify all data. During this survey period, Sigma will help identify other deficiencies and inaccuracies in record drawings and discuss any deficiencies with the Owner, allowing the opportunity for refinement of the project scope and reconciliation with the available project budget. Once these issues are decided upon, we will provide a design schedule acceptable to the owner and project manager.



Commitment

Schedule and Communication mean nothing if your designer is not committed to them. We have never missed a deadline at Sigma because failure is never an option. Every project is personal to us, every client is our most important client. Our staff is totally committed to keep the promises that we make in scheduling, in design, and in construction.

4.5 RECENT EXPERIENCE WITH PROJECT COSTS AND SCHEDULES

Recent Project Cost Experience

The market is changing in the contractor's favor. Prices have been escalating 15-30% over expected costs only one year ago. We have personally bid a half of a dozen projects this past year, and each one has come in slightly above our prices, even on projects that we are not directly involved in.

Recent Schedule Keeping Experience

We have never missed a deadline. Ever. Sigma is small and flexible, and everyone on our staff shares a personal commitment to each of our clients and have, and always will do whatever it takes to make a client's deadline. We understand working within the higher education system that the semester starts when it starts and missing that deadline is not an option.

4.6 CONSTRUCTION ADMINISTRATION CAPABILITIES

Sigma Engineers always do their own construction administration. We feel that when the actual designer also oversees all aspects of their designs being installed, they are the most qualified to ensure adherence to the documents. We also feel that their institutional knowledge of the entire design process empowers them to make appropriate and timely decisions in the field. This attention to detail and quick response to changing field conditions can substantially decrease the potential for change orders and leads to a more successful project for all parties involved.

4.7 PROXIMITY AND FAMILIARITY WITH THE AREA WHERE THE PROJECT IS LOCATED

Sigma's office is 1 hr and 5 min from the Gray Home. We know this because our staff have made this trip regularly for nearly 10 years. The trip from Raleigh to Greensboro can literally take less time than getting to some jobsites even in the Raleigh area. Greensboro has become our second home and I do not think you can find an example where Sigma didn't present as a local firm.

4.8 RECORD OF SUCCESSFULLY COMPLETED PROJECTS WITHOUT MAJOR LEGAL OR TECHNICAL PROBLEMS

Sigma specializes in invasive renovation projects that require accurate filed surveying and detailed planning. Our proposed team has completed over 350 projects with the state construction office since 2003 with more than half of them being the prime design consultant. We understand the complexities of working at universities and the importance of public projects being designed to budget and on schedule. This is what we do.

4.9 ENERGY CONSERVATION / LEED EXPERIENCE

An existing structure offers more challenges to energy modeling than a new building because parameters like building orientation are set, and accurate data about the building envelope can be difficult to collect.

One of the most effective strategies we have used at UNCG is in bringing new technologies to the projects. Over the three seasoned projects that we've completed for UNCG housing, we understand that HRL has seen 30% or more decrease in annual energy operating costs because we implemented hyper-efficient and (at the time) cutting edge system technologies. Sigma is always on the lookout for new technologies that might fit the owner's needs and



budget. We will run multiple simulation with different design selection and present actionable data for you to decide how to proceed.

When it comes to energy modeling, We use Autodesk's Revit Insight, Trane's Tracer 3D, and the US Department of Energy's eQuest simulation software to generate accurate load profiles, project annual energy consumption, and provide life-cycle costing data used with the goal of maximizing the long term impact of initial investments.

Our energy modeling is an iterative process. We will update our energy model at every major design milestone and when significant changes are made to the building envelope, systems, or programming. We stand behind our predictions and have often times revisited completed projects at an owner's request to compare our projections with actual energy costs. We can then help to identify any operational anomalies that might be the cause of deviations from the mathematical predictions.



TAB 5-MINORITY BUSINESS PARTICIPATION PLAN

MINORITY BUSINESS PARTICIPATION PLAN

Sigma was founded by in 2003 with our Senior Partner, Massoud Eftekhari. We held HUB status for 11 years, until his passing in 2014. Sigma is no longer considered a HUB, however we intend to seek partnership with HUB firms should any additional sub-consulting services be required. On HUB sensitive projects, we found ourselves often selected with other HUB firms and so have enjoyed many working relationships with them.



TAB 6-CURRENT SF-330 FORM

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION *(City and State)*

The University of North Carolina at Greensboro
North and South Spencer Residence Halls - HVAC Replacement

2. PUBLIC NOTICE DATE

11/17/25

3. SOLICITATION OR PROJECT NUMBER

N/A

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Paul J. Romiti, PE, Principal-In-Charge / Mechanical Engineer

5. NAME OF FIRM

Sigma Engineered Solutions, PC

6. TELEPHONE NUMBER

919-840-9300

7. FAX NUMBER

8. E-MAIL ADDRESS

promiti@sigmaes.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 PARTNER	SUBCON- TRACTOR			
a.	<input checked="" type="checkbox"/>			Sigma Engineered Solutions, PC <input type="checkbox"/> CHECK IF BRANCH OFFICE	5909 Falls of Neuse Rd. Suite 101 Raleigh, NC 27609	Prime Designer, MEPF Engineering Design Services
b.			<input checked="" type="checkbox"/>	Lambert Architecture + Interiors <input type="checkbox"/> CHECK IF BRANCH OFFICE	408 N Marshall Street Suite 300 Winston-Salem, NC 27101	Architectural Consultant
c.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
d.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
e.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

(Attached)

SIGMA ENGINEERED SOLUTIONS, PC

NC Business License # C-2490

ORGANIZATIONAL CHART



Paul Romiti, PE
Chief Mechanical Engineer



Reggie Adams, PE, LEED AP BD+C
Chief Electrical Engineer



Brent Hanes, PE, LEED AP
Sr. Mechanical Engineer



Vic Bird, PE
QA/QC, Construction Manager

Engineers, Engineering Interns, and Sr. Designers



Elton Smith, PE, LEED AP
Mechanical Engineer



John Erickson, PE
Mechanical Engineer



Isaac Johnson, PE
Commissioning Director



Steve Richardson, EI
Sr. Electrical Designer



Michael Pallante
Sr. Electrical Designer



Todd Victor
Electrical Designer

Designers, Drafters, Administrative Personnel



Adam Romiti
Designer/Drafter



Art Alexander
Designer/Drafter



Carlos Strickland
Designer/Drafter



Jennifer Curro
Firm Administrator



Emily Langley
Administrator

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Paul J. Romiti, PE	13. ROLE IN THIS CONTRACT Chief Mechanical Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 29	b. WITH CURRENT FIRM 22
15. FIRM NAME AND LOCATION (City and State) Sigma Engineered Solutions, PC, Morrisville, NC			
16. EDUCATION (DEGREE AND SPECIALIZATION) BS Mechanical Engineering, 1996		17. CURRENT PROFESSIONAL REGISTRATION NC #026581; MD; SC Mechanical Engineer	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Paul is the Vice-President and a Principal of Sigma Engineered Solutions, PC, and serves as senior mechanical engineer and project manager.			

19. RELEVANT PROJECTS			
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	Spring Garden Apartments – HVAC & Roofing Replacement (UNC-Greensboro), Greensboro, NC	Est. 2025 (currently at 95% CD Review)	CONSTRUCTION (if applicable) (Currently In Design)
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Renovations of 175,000 SF, suite-style dormitory with split system heat pumps serving each suite. Scope includes replacing 135 split systems and corresponding roof mounted heat pumps. Principal in Charge/Mechanical Engineer.		
b.	Phillips Hawkins/Moore Strong Residence Halls Renovations (UNC-Greensboro), Greensboro, NC	2023-2024	CONSTRUCTION (if applicable) (Under Construction)
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Renovations of two 80,000 SF, 3- story residential dormitories. Scope includes total HVAC replacement, including air handling and fan coil units; addition of DDC controls with infrared room sensor to turn off lights and air conditioning if the room is unoccupied; and renovation of the bathrooms for ADA compliance. Principal in Charge/Mechanical Engineer.		
c.	Ragsdale Mendenhall Residence Hall Renovations (UNC-Greensboro) Greensboro, NC	2018	CONSTRUCTION (if applicable) 2020
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Sigma provided the mechanical, electrical, plumbing and fire protection for this 90,000 SF project. Engineering scope included tying the building to the existing campus chilled-water loop limited to 5 ft outside the building, providing new hydronic fan coil units, electrical upgrades and life safety generator, modernizing an existing elevator and DDC controls. Principal in Charge and Mechanical Engineer of Record.		
d.	HVAC Obsolete Equipment Replacement (NC Department of Administration) Raleigh, NC	2022-2024	CONSTRUCTION (if applicable) 2025
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Engineering design and management of obsolete building controls for the North Carolina Department of Revenue, Old Revenue Building in downtown Raleigh. In this 6-story building, a mix of old pneumatic and electric controls were upgraded to new DDC controls, integrated with some existing DDC controls in the building and synchronized with DOA controls front-ends in the State Construction Office. Principal in Charge/Mechanical Engineer.		
e.	HVAC Upgrades at Fletcher Residence Hall (East Carolina University) Greenville, NC	2018	CONSTRUCTION (if applicable) 2019
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Sigma was the prime design contract to design a makeup air system for the 8-story Fletcher Residence Hall on ECU campus. Scope of work included Installation of 100% OA make up unit and glycol hot water system. Included the foundations of new DDC controls for future expansion. Principal in Charge/Mechanical Engineer.		
f.	Reynolds & Grogan Residential Halls Renovations (UNC-Greensboro) Greensboro, NC	2013	CONSTRUCTION (if applicable) 2015
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Renovations of two 80,000 SF, 8-story residential dormitories. Scope includes total HVAC replacement, including air handling and fan coil units; addition of DDC controls with infrared room sensor to turn off lights and air conditioning if the room is unoccupied; and renovation of the bathrooms for ADA compliance. Mechanical engineer of record.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Reginald D. Adams, PE, LEED AP BD+C	13. ROLE IN THIS CONTRACT Chief Electrical Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 37	b. WITH CURRENT FIRM 22
15. FIRM NAME AND LOCATION (City and State) Sigma Engineered Solutions, PC, Morrisville, NC			
16. EDUCATION (DEGREE AND SPECIALIZATION) BSEE Electrical Engineering, 1988		17. CURRENT PROFESSIONAL REGISTRATION NC #19658; MD, SC, VA, TN, GA Electrical Engineer	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Reggie is a Principal of Sigma Engineered Solutions, PC; and serves as chief electrical engineer and project manager. He is a LEED Accredited Professional BD+C.			

19. RELEVANT PROJECTS			
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	Spring Garden Apartments – HVAC & Roofing Replacement (UNC-Greensboro), Greensboro, NC	Est. 2025 (currently at 95% CD Review)	CONSTRUCTION (if applicable) (Currently In Design)
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Renovations of 175,000 SF, suite-style dormitory with split system heat pumps serving each suite. Scope includes replacing 135 split systems and corresponding roof mounted heat pumps. Electrical scope of work to support HVAC. Electrical Engineer of Record.		
b.	Phillips Hawkins/Moore Strong Residence Halls Renovations (UNC-Greensboro), Greensboro, NC	2023-2024	CONSTRUCTION (if applicable) (Under Construction)
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Renovations of two 80,000 SF, 3- story residential dormitories. Scope includes total HVAC replacement, including air handling and fan coil units; addition of DDC controls with infrared room sensor to turn off lights and air conditioning if the room is unoccupied; and renovation of the bathrooms for ADA compliance. Electrical Engineer of Record.		
c.	HVAC Obsolete Equipment Replacement (NC Department of Administration) Raleigh, NC	2022-2024	CONSTRUCTION (if applicable) 2025
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Engineering design and management of obsolete building controls for the North Carolina Department of Revenue, Old Revenue Building in downtown Raleigh. In this 6-story building, a mix of old pneumatic and electric controls were upgraded to new DDC controls, integrated with some existing DDC controls in the building and synchronized with DOA controls front-ends in the State Construction Office. Electrical Engineer of Record.		
c.	Ragsdale Mendenhall Residence Hall Renovations (UNC-Greensboro) Greensboro, NC	2018	CONSTRUCTION (if applicable) 2020
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Sigma provided the mechanical, electrical, plumbing and fire protection for this 90,000 SF dormitory renovation project. Engineering scope included tying the building to the existing campus chilled-water loop limited to 5 ft outside the building, providing new hydronic fan coil units, electrical upgrades, modernizing an existing elevator and renovating single occupancy toilets, as well as fire alarm and sprinkler work in order to meet HVAC requirements. Electrical scope included power upgrades including a life safety generator. Chief Electrical Engineer.		
e.	Weil Winfield Fire Alarm and ADA Upgrades (UNC-Greensboro) Greensboro, NC	2018	CONSTRUCTION (if applicable) 2020
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Electrical and fire protection engineering design services for this 284 bed, 75,000 SF residence hall. Project scope includes a new mass notification fire alarm system, and a new 500 kW generator to provide life safety and standby power for eight buildings on the UNCG Quad, security system enhancements, and replacement of an existing non-freeze wet-pipe sprinkler system in the attic with a dry-pipe sprinkler system. Principal in Charge/Electrical Engineer of Record.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete on Section E for each key person)

12. NAME Stuart McCormick	13. ROLE IN THIS CONTRACT Principal/Architect	14. YEARS OF EXPERIENCE	
		a. TOTAL 43	b. WITH CURRENT FIRM 32

15. FIRM NAME AND LOCATION (City and State) LAMBERT Architecture + Interiors 408 N. Marshall Street, Suite 300 Winston-Salem, NC 27101	
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16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science in Design Master of Architecture	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Registered Architect - NC & SC
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) AIA, LEED AP, NCARB
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19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) UNCG Spring Garden Apartments HVAC & Roof Renovation (SCO): Greensboro, NC	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2025	CONSTRUCTION (if applicable) Est. 2026

a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE LAMBERT Principal in Charge for the HVAC and roof renovation of a five-story residence hall on the UNCG campus. Responsibilities include supporting SIGMA Engineered Solutions, the lead design firm, with architectural coordination related to major mechanical system upgrades, roof impacts, and exterior/structural penetrations. Scope involves reviewing and developing firestopping details, ensuring code-compliant integration of new HVAC infrastructure, and providing consulting services for building envelope implications associated with mechanical and roof work.	<input checked="" type="checkbox"/> Check if project performed with current firm
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(1) TITLE AND LOCATION (City and State) UNCG Philips/Hawkins HVAC Replacement (SCO): Greensboro, NC	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2022	CONSTRUCTION (if applicable) 2025

b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE LAMBERT Principal in Charge assisting SIGMA Engineered Solutions, the lead design firm, of mechanical replacement by detailing the removal and replacement of several chases that house mechanical piping within door rooms and ceilings in corridors, as well as providing new soffits within bedrooms and new pipe chases within restrooms. Services also include providing add-alternates for replacing flooring and painting within dorm rooms.	<input checked="" type="checkbox"/> Check if project performed with current firm
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(1) TITLE AND LOCATION (City and State) NC A&T University Marteena Hall Renovation (SCO): Greensboro, NC	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2022 - 2023	CONSTRUCTION (if applicable) 2025

c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal in Charge of 72,000 SF residence hall renovation starting with Pre-Design Services to assist the University in establishing a scope of work/budget. Renovation included replacement of mechanical, electrical, and plumbing systems; upgrade of fire alarm system; replacement of light fixtures and windows; stabilized floor/foundation, waterproofing, and laboratory upgrades. Project cost: \$9.1M	<input checked="" type="checkbox"/> Check if project performed with current firm
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(1) TITLE AND LOCATION (City and State) UNCG Ragsdale/Mendenhall Residence Hall Renovation (SCO): Greensboro, NC	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016 - 2020	CONSTRUCTION (if applicable) 2019 - 2020

d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal in Charge of 78,000 SF residence hall renovation providing new mechanical, electrical, and plumbing systems to meet current standards. Included new HVAC System connected to Campus Chilled Water System; Plumbing Fixtures and Rough Plumbing through the building; Electric Panels, wiring, and light fixtures; replacement/relocation of Fire Suppression Heads. Replaced exterior windows; ADA upgrades to new elevator and interior accessible ramps; new interior finishes throughout the building. Project cost: \$11.5M	<input checked="" type="checkbox"/> Check if project performed with current firm
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(1) TITLE AND LOCATION (City and State) Duke University Power House Building Renovation: Raleigh, NC	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION (if applicable) 2014

e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal in Charge of repurposing the 27,000 SF historic building for university's TIP program. Scope included integrating modern mechanical systems while maintaining the building's historic character. Exposed systems were incorporated to align with the industrial aesthetic, and new HVAC was designed to provide efficient climate control and ventilation without disrupting the existing structure. Project cost: \$4.3M	<input checked="" type="checkbox"/> Check if project performed with current firm
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E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete on Section E for each key person)

12. NAME Matthew Geiger	13. ROLE IN THIS CONTRACT Project Designer/BIM Technician	14. YEARS OF EXPERIENCE	
		a. TOTAL 10	b. WITH CURRENT FIRM 3

15. FIRM NAME AND LOCATION (City and State)
LAMBERT Architecture + Interiors
408 N. Marshall Street, Suite 300
Winston-Salem, NC 27101



16. EDUCATION (DEGREE AND SPECIALIZATION) Masters of Architecture, NC State University Bachelor of Science in Architecture, SUNY Buffalo	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Winston-Salem AIA Member

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
UNCG Spring Garden Apartments HVAC & Roof Renovation (SCO): Greensboro, NC	2025	Est. 2026
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm a. Project Designer for the HVAC and roof renovation of a five-story residence hall on the UNCG campus. Responsibilities include supporting SIGMA Engineered Solutions, the lead design firm, with architectural coordination related to major mechanical system upgrades, roof impacts, and exterior/structural penetrations. Scope involves reviewing and developing firestopping details, ensuring code-compliant integration of new HVAC infrastructure, and providing consulting services for building envelope implications associated with mechanical and roof work.		
NC A&T University Marteena Hall Renovation (SCO): Greensboro, NC	2022 - 2023	2025
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm b. Project Designer of 72,000 SF residence hall renovation starting with Pre-Design Services to assist the University in establishing a scope of work/budget. Renovation included replacement of mechanical, electrical, and plumbing systems; upgrade of fire alarm system; replacement of light fixtures and windows; stabilized floor/foundation, waterproofing, and laboratory upgrades. Project cost: \$9.1M		
UNCG Philips/Hawkins HVAC Replacement (SCO): Greensboro, NC	2022	2025
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm c. Designer assisting SIGMA Engineered Solutions, the lead design firm, of mechanical replacement by detailing the removal and replacement of several chases that house mechanical piping within door rooms and ceilings in corridors, as well as providing new soffits within bedrooms and new pipe chases within restrooms. Services also include providing add-alternates for replacing flooring and painting within dorm rooms.		
MacFarlane Building Adaptive Reuse: Charlotte, NC	2021 - 2022	2022 - Ongoing
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm d. Project Designer of 33,000 SF redevelopment of building to include exterior facade renovations, window and door replacement, extensive MEP system replacement, restrooms, interior renovations and finishes, sitework, new paving, and landscaping. Project cost: Ongoing		
Sentinel Commons Facade	2019 - 2020	2024 - Ongoing
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm e. Project Designer for the design of building facade, code review, exterior/site improvements, building entrances, and courtyard improvements which will include a new ramp, courtyard paving, landscaping, lighting, drainage, etc. Project cost: Ongoing		

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

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

1

21. TITLE AND LOCATION *(City and State)*

Spring Garden Apartments – HVAC & Roofing Replacement (UNC-G)
Greensboro, NC

22. YEAR COMPLETED

PROFESSIONAL SERVICES
Est. 2025 *(currently at 95% CD Review)*

CONSTRUCTION *(If applicable)*
(Currently In Design)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER
UNC – Greensboro

b. POINT OF CONTACT NAME
Mr. Bill Chatfield

c. POINT OF CONTACT TELEPHONE NUMBER
(336) 334-4317

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

Spring Garden Apartments – HVAC & Roofing Replacement

The Spring Gardens Apartments building on campus is a 175,000sf suite style- dormitory with split system heat pumps serving each suite. It was originally a “Foundation” Project with the state taking over ownership in 2008.

This project involved replacing 135 split systems and corresponding roof mounted heat pumps. The project was complicated by the mandatory transition to A2L units. Sigma helped guide the university and the SCO through the transition process and worked closely with HRL and the SCO to keep it from ballooning out of budget.

At the time of this RFQ preparation, the project was still on-time for the desired construction period on Summer-Fall 2026.

The total construction budget is estimated at \$ 4.2M.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME SIGMA ENGINEERED SOLUTIONS, PC	(2) FIRM LOCATION <i>(City and State)</i> RALEIGH, NC	(3) ROLE MECHANICAL AND ELECTRICAL
b.	(1) FIRM NAME LAMBERT ARCHITECTURE + INTERIORS	(2) FIRM LOCATION <i>(City and State)</i> WINSTON SALEM, NC	(3) ROLE ARCHITECTURAL CONSULTANT

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 2
21. TITLE AND LOCATION <i>(City and State)</i> Hamilton Hall – HVAC Replacement (UNC-Chapel Hill) Chapel Hill, NC		22. YEAR COMPLETED PROFESSIONAL SERVICES Est. 2025 <i>(currently at 95% CD Review)</i>
		CONSTRUCTION <i>(If applicable)</i> (Currently In Design)
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER UNC Chapel Hill	b. POINT OF CONTACT NAME Mr. Chris Johnson, AIA – UNC CH Facilities Planning and Design	c. POINT OF CONTACT TELEPHONE NUMBER (919) 843-0849

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

**Hamilton Hall – HVAC Replacement
UNC Chapel Hill**

Currently in the final stages of design, the project scope of work includes the replacement of central mechanical systems within Hamilton Hall on Central Campus. The heavily utilized building was completed in 1972 and contains classroom, laboratory and office space for the departments of Archaeology, Sociology, History, Peace, War & Defense, and Political Science within the College of Arts & Sciences.

Specifically, the project will replace the dual-duct built-up AHU-1, located in the basement mechanical room and rated for 71,500 cfm, with a digitally controlled VAV unit. The project will also remove and replace the existing dual-duct ductwork with new VAV ductwork throughout, install digitally controlled VAV hot-water reheat terminal units and install a hot water piping system. The associated work requires the removal and replacement of suspended ceilings and light fixtures in the affected areas. Hazardous materials testing, design and abatement is also a heavy component of the renovation design. Careful attention to project phasing and implementation will be required to limit the displacement time of building occupants.

Project Budget \$12M



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME SIGMA ENGINEERED SOLUTIONS PC	(2) FIRM LOCATION <i>(City and State)</i> RALEIGH, NC	(3) ROLE PRIME DESIGNER, MEPF ENGINEER, & CONSTRUCTION ADMINISTRATION
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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

3

21. TITLE AND LOCATION *(City and State)*

Phillips Hawkins Moore Strong Residence Hall Renovations
University of North Carolina at Greensboro
Greensboro, NC

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2022-2024

CONSTRUCTION *(If applicable)*
2025 and ongoing
(Phillips Hawkins – completed 2025; & Moore Strong - currently in construction)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER
UNC Greensboro

b. POINT OF CONTACT NAME
Mr. Tim Rouse, UNGC HRL

c. POINT OF CONTACT TELEPHONE NUMBER
(336) 334-4317

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

Phillips Hawkins Moore Strong Residence Hall Renovations

These two buildings on central UNCG campus had failing dual-temp fan coil units and HVAC infrastructure. Both buildings were approximately 80,000sf each. Phillips Hawkins is 3 stories fully above grade (5 stories total) and Moore strong was also 3 stories above grade.

Renovations included over 600 fan coil units, make-up air units, new steam converters, hot and chilled water pumping and distribution, and new DDC controls.

The projects were scheduled to take advantage of fall/summer semesters to allow for the maximum flexibility of beds available to UNCG Housing and Residence life. In addition, existing buildings were carefully surveyed so that Sigma could make recommendations to the owner as to what elements of the existing systems and structures could be reused to reduce construction costs.

The total construction budget was \$8M to do both buildings.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME SIGMA ENGINEERED SOLUTIONS, PC	(2) FIRM LOCATION <i>(City and State)</i> RALEIGH, NC	(3) ROLE PRIME DESIGNER, & MEPF ENGINEER
b.	(1) FIRM NAME LAMBERT ARCHITECTURE + INTERIORS	(2) FIRM LOCATION <i>(City and State)</i> WINSTON SALEM, NC	(3) ROLE ARCHITECTURAL CONSULTANT

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 4
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21. TITLE AND LOCATION <i>(City and State)</i> Ragsdale Mendenhall Residence Hall Renovations (UNCG) Greensboro, NC	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(If applicable)</i> 2020

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER UNC Greensboro	b. POINT OF CONTACT NAME Mr. Stuart McCormick, AIA – Lambert Architecture	c. POINT OF CONTACT TELEPHONE NUMBER (336) 777-3657

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

**Ragsdale Mendenhall Residence Hall Renovations
UNC Greensboro**

Sigma served as a subconsultant to Lambert Architecture + Interiors on the renovation project at Ragsdale Mendenhall Residence Hall at UNCG. The project included a comprehensive renovation that provided:

- New mechanical and electrical systems throughout the building to meet current code standards
- Replacement of exterior windows for improved energy efficiency
- ADA upgrades including the modernization of the existing elevator
- Interior finishes through the building.

Sigma provided the mechanical, electrical, plumbing and fire protection for this 90,000 SF project. Engineering scope of work included tying the building to the existing campus chilled-water loop (limited to 5 ft outside the building), providing new hydronic fan coil units, electrical upgrades, modernizing an existing elevator and renovating single occupancy toilets as well as fire alarm and sprinkler work in order to meet HVAC requirements.

Cost: \$10,000,000



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME SIGMA ENGINEERED SOLUTIONS PC	(2) FIRM LOCATION <i>(City and State)</i> RALEIGH, NC	(3) ROLE MEPF ENGINEER
b. (1) FIRM NAME LAMBERT ARCHITECTURE + INTERIORS	(2) FIRM LOCATION <i>(City and State)</i> WINSTON SALEM, NC	(3) ROLE PRIME DESIGNER, & ARCHITECT

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <p style="text-align: center;">5</p>		
21. TITLE AND LOCATION <i>(City and State)</i> Frank Porter Graham Student Union (UNC-Chapel Hill) Chapel Hill, NC		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2011</td> <td>CONSTRUCTION <i>(If applicable)</i> 2012</td> </tr> </table>	PROFESSIONAL SERVICES 2011	CONSTRUCTION <i>(If applicable)</i> 2012
PROFESSIONAL SERVICES 2011	CONSTRUCTION <i>(If applicable)</i> 2012			
23. PROJECT OWNER'S INFORMATION				
a. PROJECT OWNER UNC Chapel Hill	b. POINT OF CONTACT NAME Ms. Brandy Thompson, AIA – Clearscapes, PA	c. POINT OF CONTACT TELEPHONE NUMBER (919) 821-2775		
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>				

**Frank Porter Graham Student Union
UNC Chapel Hill**

Sigma provided engineering systems design for the renovation of this 160,000 SF, 3-story facility, including a 4000 SF auditorium. This project included bringing the entire building up to code compliance, and provisions to add a 2500 SF Commercial Kitchen and dining room to the ground floor and a full replacement of the existing 40 year old switchgear. Additional scope included energy modeling and controls upgrades to HVAC systems funded by the UNC Renewable Energy Special Projects Committee (RESPC) to reduce building energy consumption. Other considerations in this project required Building to be occupied through all phases of construction, as well as uninterrupted service to critical Student-run programs such as Radio and TV stations and Yearbook. This facility was occupied during renovation.

Cost: \$5,000,000



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME SIGMA ENGINEERED SOLUTIONS PC	(2) FIRM LOCATION <i>(City and State)</i> RALEIGH, NC	(3) ROLE MEPF ENGINEER, and CONSTRUCTION ADMINISTRATION

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <p style="text-align: center;">6</p>		
21. TITLE AND LOCATION <i>(City and State)</i> Energy Improvements to Partners I and Research II (NCSU) Raleigh, NC		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2015</td> <td>CONSTRUCTION <i>(If applicable)</i> 2016</td> </tr> </table>	PROFESSIONAL SERVICES 2015	CONSTRUCTION <i>(If applicable)</i> 2016
PROFESSIONAL SERVICES 2015	CONSTRUCTION <i>(If applicable)</i> 2016			
23. PROJECT OWNER'S INFORMATION				
a. PROJECT OWNER NC State University	b. POINT OF CONTACT NAME Mr. David Hammock – NCSU Project Manager	c. POINT OF CONTACT TELEPHONE NUMBER (919) 515-2030		

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

Energy Improvements to Partners I and Research II, NC State University

Sigma provided mechanical and electrical engineering design, and construction administration for the replacement of existing mechanical systems in these two laboratory and office buildings to increase energy efficiency and tenant comfort.



The Partners I building is 78,500 SF and was built in 1992. The HVAC systems were all low-efficiency DX split and packaged systems. This project replaced all of the existing DX equipment with high-efficient, high-comfort hydronic air handlers and connected the building to nearby campus steam and chilled water. Sigma worked closely with NCSU facility ops and the Centennial Campus Development Office to completely convert the HVAC systems in this laboratory and office building with zero interruptions to existing tenants. The project was phased and remained fully occupied during all phases of construction.
 Cost: \$2,800,000

“This project was like performing a heart transplant on a patient without them knowing it.”
 – M. Michaelson, NCSU Construction Manager

The Research II building was another early 90’s laboratory/office building that originally housed the NCSU contributions to NASA Mars rover project. The systems were aging and inefficient and laboratory exhaust was twice what the building actually needed. This project combined multiple smaller air handlers into more efficient systems, and rebalanced exhaust air for current laboratory needs.

Cost: \$1,500,000



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME SIGMA ENGINEERED SOLUTIONS PC	(2) FIRM LOCATION <i>(City and State)</i> RALEIGH, NC
		(3) ROLE PRIME DESIGNER, MECHANICAL & ELECTRICAL ENGINEER, and CONSTRUCTION ADMINISTRATION

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 7
21. TITLE AND LOCATION <i>(City and State)</i> Fletcher Residence Hall Make-Up Air (ECU) Greenville, NC		22. YEAR COMPLETED PROFESSIONAL SERVICES 2017 CONSTRUCTION <i>(If applicable)</i> 2018
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER East Carolina University	b. POINT OF CONTACT NAME L.L. Everett – ECU Project Manager	c. POINT OF CONTACT TELEPHONE NUMBER (252) 328-6858
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

**Fletcher Residence Hall Make-Up Air
East Carolina University**

Sigma was retained as the prime designer on this renovation project at East Carolina University.

Fletcher Residence Hall is a 60,000 SF high rise dormitory on ECU main campus. It had been expressing signs of overall negative pressurization due to a progression of energy saving measures, code revisions, and a recent bathroom renovation project. This project corrected the building negative pressure by introducing an increased volume of conditioned outside air into the space. The mechanical scope included installing new 100% Outside Air, DX Packaged Make-Up Air units capable of providing requisite outside air to each floor to make up for bathroom and other exhausts and support for these units involved a new glycol hot water generation station. All new equipment was integrated into a new BAS.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME SIGMA ENGINEERED SOLUTIONS PC	(2) FIRM LOCATION <i>(City and State)</i> RALEIGH, NC	(3) ROLE PRIME DESIGNER, MEPF ENGINEER, and CONSTRUCTION ADMINISTRATION

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <p style="text-align: center;">8</p>		
21. TITLE AND LOCATION <i>(City and State)</i> Longleaf Neuro-Medical Treatment Center – Kitchen and HVAC Upgrades Wilson, NC		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2018</td> <td>CONSTRUCTION <i>(If applicable)</i> 2025</td> </tr> </table>	PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(If applicable)</i> 2025
PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(If applicable)</i> 2025			
23. PROJECT OWNER'S INFORMATION				
a. PROJECT OWNER NC Dept. of Health and Human Services	b. POINT OF CONTACT NAME Mr. Peter Veit, PE	c. POINT OF CONTACT TELEPHONE NUMBER (919) 733-6829		
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>				

***Kitchen Renovations and Service/Spruill Wings HVAC Upgrades
 Longleaf Neuro-Medical Treatment Center – Wilson, NC***

Sigma provided mechanical, electrical, plumbing and fire protection design and construction administration services for the complete replacement of the mechanical systems and plumbing water supply piping, along with faucet/flush valve replacement for the entire facility except the 7-story bed tower. The last phase of the project includes a complete kitchen renovation and increase in dining space for the facility. The project also included a replacement of the existing light fixture with new LED light fixtures along with modifications to the fire protection system as required.

This project was a 7-phase project that remained fully occupied and operational during the entire renovation. Sigma was the prime designer on the project while utilizing Huffman Architecture for the ADA bathroom renovations and space change renovation architectural components. This project also included temporary Kitchen renovations to the Eastern North Carolina School for the Deaf McAdams Kitchen to be utilized by the LLNMTC staff during the kitchen renovation phase.

Current Cost: \$7,816,000



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME SIGMA ENGINEERED SOLUTIONS PC	(2) FIRM LOCATION <i>(City and State)</i> RALEIGH, NC	(3) ROLE PRIME DESIGNER, MEPF ENGINEER, & CONSTRUCTION ADMINISTRATION

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <p style="text-align: center;">9</p>		
21. TITLE AND LOCATION <i>(City and State)</i> Bureau of Mines Renovations (NCSU) Raleigh, NC		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2019</td> <td>CONSTRUCTION <i>(If applicable)</i> 2021</td> </tr> </table>	PROFESSIONAL SERVICES 2019	CONSTRUCTION <i>(If applicable)</i> 2021
PROFESSIONAL SERVICES 2019	CONSTRUCTION <i>(If applicable)</i> 2021			
23. PROJECT OWNER'S INFORMATION				
a. PROJECT OWNER NC State University	b. POINT OF CONTACT NAME Ms. Brandy Thompson, AIA – Clearscapes, PA	c. POINT OF CONTACT TELEPHONE NUMBER (919) 821-2775		
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>				

**Bureau of Mines Renovations
NC State University**

Sigma was retained to provide MEPF design services for the renovations of the Bureau of Mines building (15,000 SF, c. 1945) on the main campus at NCSU.

The engineering scope of this project consisted of the following:

- HVAC – complete removal and replacement
- Thermal imaging study
- New plumbing water and waste
- New fire protection system for previously unsprinklered building
- FA system – complete removal and replacement
- Electrical – New power and receptacles. New LED lighting and emergency/egress lighting throughout. Telecom system upgrades and new BDF room installed.

Cost: \$4,400,000



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME SIGMA ENGINEERED SOLUTIONS PC	(2) FIRM LOCATION <i>(City and State)</i> RALEIGH, NC	(3) ROLE MEPF ENGINEER, and CONSTRUCTION ADMINISTRATION

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 10
21. TITLE AND LOCATION <i>(City and State)</i> 111 Lampe (Daniels) – First Floor Renovation Raleigh, NC		22. YEAR COMPLETED PROFESSIONAL SERVICES 2020 CONSTRUCTION <i>(If applicable)</i> 2021
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER NC State University	b. POINT OF CONTACT NAME Ms. Katherine Hogan, AIA – Tonic Design	c. POINT OF CONTACT TELEPHONE NUMBER (919) 793-5063
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

**111 Lampe Drive (formerly Daniels Hall) – First Floor Renovation
NC State University**

In conjunction with Tonic Design, Sigma was hired to provide the engineering design to completely renovate the ground floor (33,000 SF) of 111 Lampe Drive Hall to accommodate the relocation of the Industrial Design Department of the College of Design.

Sigma evaluated and made modifications to the existing HVAC to accommodate the changes, along with designing the replacement of 80% of the floors lighting with high-efficiency LED lights and providing new power at desk locations and to equipment as required.

Cost: \$750,000

111 Lampe Drive - 1st Floor Renovation, NC State University

EXISTING



PROPOSED



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME SIGMA ENGINEERED SOLUTIONS PC	(2) FIRM LOCATION <i>(City and State)</i> RALEIGH, NC	(3) ROLE MEPF ENGINEER

G. KEY PERSONNEL PARTICIPATION 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
Paul J. Romiti, PE	Chief Mechanical Engineer	X	X	X	X	X	X	X	X	X	X
Reggie Adams, PE	Chief Electrical Engineer	X	X	X	X	X	X	X	X	X	X
Stuart McCormick, AIA, LEED AP, NCARB	Architect	X		X	X						
Matthew Geiger	Architect / Project Designer	X		X							

29. EXAMPLE PROJECTS KEY

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	Spring Garden Apartments – HVAC & Roofing Replacement (UNCG)	6	Energy Improvements to Partners I and Research II (NCSU)
2	Hamilton Hall HVAC Renovations (UNC CH)	7	Fletcher Residence Hall Make-Up Air (ECU)
3	Phillips Hawkins Moore Strong Residence Hall Renovations (UNCG)	8	Kitchen Renovations and Service/Spruill Wings HVAC Upgrades (NC DHHS Longleaf Neuro-Medical Treatment Center)
4	Ragsdale Mendenhall Residence Hall Renovations (UNCG)	9	Bureau of Mines Renovations (NCSU)
5	Frank Porter Graham Student Union Renovations (UNC CH)	10	Lampe Hall– First Floor Renovations (NCSU)

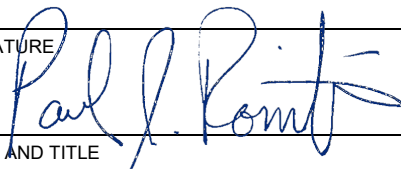
H. ADDITIONAL INFORMATION

30. 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

12/05/25

33. NAME AND TITLE

PAUL J. ROMITI, PE, PRINCIPAL / CHIEF MECHANICAL ENGINEER
