



Finance and Administration Committee
August 27, 2024

Information Item

FAC – 2 Selection of Designer - 525 Tate Street Renovation

Background Information

On December 6, 2013, the Board of Trustees authorized the Chancellor, ex-officio, to appoint architects and engineers for projects with authorized funding of \$2,000,000 or less and authorized the Chancellor to report all such appointments to the Board.

525 Tate Street was constructed in 1969 as a United States Postal Facility and acquired by UNC Greensboro in 1995, with minor renovations taking place in 1998, 2006, 2009 (fire alarm), and 2013. The facility was formerly used to support the university's postal, printing, and graphics operations. The main goal of this project is to use the facility to house academic program space.

The renovated facility will serve the needs of three arts and science studio spaces. It will require modest architectural changes to the layout and existing storefront, accessibility upgrades, and mechanical, electrical, and plumbing modifications to accommodate the change of use.

A feasibility study was conducted in late 2023 for budgeting purposes and will be provided to firms shortlisted to interview. Design services for this project will include an abbreviated program confirmation phase along with full design services through construction administration and closeout.

The project's targeted construction completion is June 2025 to meet academic program and calendar requirements.

Project Cost: \$630,000

The following firms were invited to submit their letter of interest and qualifications. The Designer Selection Committee reviewed the letters of interest and invited three firms to interview between July 18 and 22, 2024, to present their qualifications and recommend the following in ranking order.

1. Strada Architecture, PLLC, Chapel Hill, NC
2. SHP, Greensboro, NC
3. Moseley Architects, Raleigh, NC

Strada Architecture, PLLC is an architectural firm and is recommended as the Designer for the following reasons:

1. Strada's portfolio and design presentation aligned with and understood the 525 Tate Street Renovation objectives. The proposed design approach conveys an understanding of the unique dynamics of the facility's planned user groups.
2. Strada proved an understanding of the project's budget limitations and ways that design solutions can achieve multiple project objectives with the greatest impact and flexibility.
3. Strada provided a timeline with the best approach to achieve the project's objectives and demonstrated an exceptional understanding of the project's challenges.

Based on the above information, the Chancellor approved the selection of Strada Architecture, PLLC, as indicated in the attached memorandum.

Attachments:

- 2.1 Signed memorandum from Robert J. Shea, Jr. to Chancellor Franklin D. Gilliam, Jr. regarding the 525 Tate Street Renovation project.
- 2.2 Strada Architecture PLLC Letter of Interest.



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



Finance and Administration
254 Mossman Building
P.O. Box 26170
Greensboro, NC 27402-6170
Phone: 336.334.4053

MEMORANDUM

TO: Chancellor Franklin Gilliam

FROM: Robert J. Shea, Jr. *RJS*

DATE: July 26, 2024

RE: 525 Tate Street Renovation

At the December 6, 2013 meeting of the Board of Trustees, the Board authorized the Chancellor, ex-officio, to appoint architects and engineers for projects with authorized budgets of \$2,000,000 or less, and authorized the Chancellor to report all such appointments to the Board at its next meeting.

The total project authorization of \$630,000 for the 525 Tate Street Renovation project is within the \$2,000,000 threshold. A solicitation for professional services was posted on the UNC System webpage. Five firms submitted Letters of Interest for the above referenced project, one of which is from Guilford County. The Designer Selection Committee interviewed three designers between July 18, 2024 and July 22, 2024, and recommends the following ranking order:

1. Strada Architecture, PLLC
Chapel Hill, NC
2. SHP
Greensboro, NC
3. Moseley Architects
Raleigh, NC

The Designer Selection Committee recommends Strada Architecture, PLLC, Chapel Hill, NC as the designer for this project for the following reasons:

1. Strada's portfolio and design presentation had the greatest alignment and understanding of the objectives for the 525 Tate Street Renovation. The proposed design approach conveys an understanding of the unique dynamics of the facilities planned user groups.
2. Strada proved an understanding of the project's budget limitations and ways that design solutions can achieve multiple project objectives with the greatest impact and flexibility.
3. Strada provided a timeline with the best approach to achieve the project's objectives and demonstrated an exceptional understanding of the project's challenges.

If agreeable terms cannot be reached with the recommended designer, the Chancellor authorizes the Facilities Department to negotiate terms with the other firms in ranking order.

A formal reporting of our procedures and your selection will be made at the next meeting of the Board of Trustees. Please acknowledge your approval of the firm of Strada Architecture, PLLC, Chapel Hill, NC by your signature below.

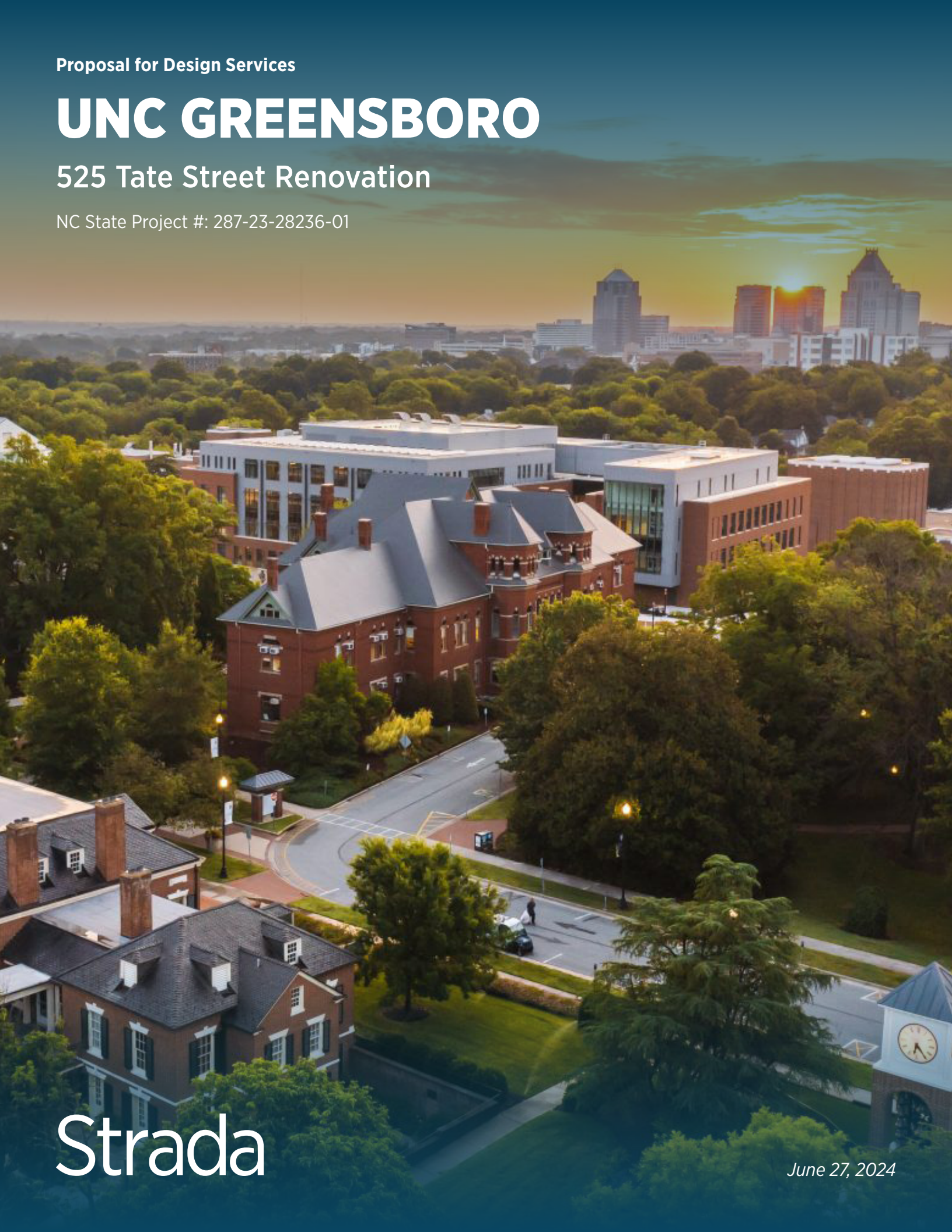
Approved:  Date: July 29, 2024
Chancellor

Proposal for Design Services

UNC GREENSBORO

525 Tate Street Renovation

NC State Project #: 287-23-28236-01



Strada

June 27, 2024



01 | INFORMATION 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="Strada Architecture PLLC"/>	<input type="checkbox"/> Check If HUB	Mechanical: <input type="text" value="SKA Engineering"/>	<input type="checkbox"/> Check If HUB
Electrical: <input type="text" value="SKA Engineering"/>	<input type="checkbox"/> Check If HUB	Plumbing: <input type="text" value="SKA Engineering"/>	<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" value="Strada Architecture PLLC"/>	<input type="checkbox"/> Check If HUB
Other (specify type): <input type="text" value="Palacio Collaborative, Cost Estimating. DBE, MBE, HUB"/>	<input checked="" type="checkbox"/> Check If HUB		
Other (specify type): <input type="text"/>	<input type="checkbox"/> Check If HUB		



02 | LETTER OF INTEREST

June 27, 2024

Kurt Melvin

UNC Greensboro Facilities
Design & Construction
NC State Design &
Construction
Gray Home
Management House
105 Gray Drive
Greensboro, NC 27412
fdc@uncg.edu
k_melvin@uncg.edu

Dear Mr. Melvin,

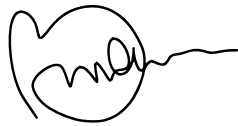
We believe the 525 Tate Street Renovation is an ideal opportunity for Strada to fully demonstrate our talents, service and ability to create straightforward design solutions that are student and faculty centric as well as durable and easily maintainable. Strada is currently working on your campus with SKA Engineering on the renovations at Weatherspoon Art Museum. SKA is also our engineering consultant for this proposal. It is a small project, with a tight budget. This is the type of project that excites our design team.

I will be the project manager and will organize the design team, supported by the efforts of Alan Cuteri, Principal, Murray Kamara, architectural designer, and SKA Engineering. I will prepare a detailed project schedule with key dates and milestones and keep UNCG as well as the design team on target to meet the Summer 2025 occupancy goal. I will also be directly involved in the construction administration services so that on site decisions can be made immediately and with diligent care and awareness of University goals and guidelines.

Myself, Alan, Murray, and the rest of the design team have extensive experience in adaptive reuse and renovation of older buildings to accommodate new use. We focus on the strengths of the current infrastructure and building envelope, provide logical and cost-effective upgrades and enhancements. We ensure a highly functional plan that supports the educational use objectives as well as facilities maintenance and operational objectives.

We have extensive experience with our engineering partner SKA, as well as strong familiarity with the local construction community and the SCO.

We hope you will provide us with the opportunity to work with UNCG on this project. We know we can deliver you amazing results and demonstrate a cost effective and beautiful educational facility.



Bronwyn Charlton AIA
Senior Associate
Chapel Hill Studio Lead



03

PROJECT TEAM ORGANIZATION CHART

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

Our team brings expertise in campus renovations, including a specific knack for helping our clients capitalize on past feasibility studies to make the most out of their spaces. We are currently wrapping up a project with NC State University where we were given a feasibility study upon award. We expanded upon the possibilities of that study while holding to NCSU's tight budget and aggressive schedule. This project will wrap up this summer, so we are positioned to move the same Strada team to the 525 Tate Street Renovation.

Our core team is led from the Strada Chapel Hill studio by **Bronwyn Charlton**, who will also serve as Project Manager. She will be your go-to person for the duration of the project. As a licensed architect with many years of design and project management experience, her role is to steward the project including on-site decision-making during construction. Bronwyn is familiar with UNCG standards as she has run Construction Administration efforts for the Strada team on the Weatherspoon Art Museum project with SKA Engineering.

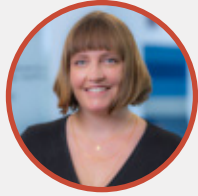
Murray Kamara, Architectural Designer, has worked on numerous higher education projects for Strada, including NCSU's Nelson Hall Ground Floor Renovation. Murray has extensive experience with renovations and university work. Both Murray and Bronwyn bring SCO experience, connections and expertise to the project.

Our team is rounded out with our collaborative MEP partners at **SKA Engineering**. SKA will be involved with the project design from the get-go. We will work together to seamlessly integrate MEP systems and architectural design. The Strada/SKA relationship began in 2014 with the renovation of the Winston-Salem Kimpton Hotel. With 4 current projects together (two SCO), our collaborative history reflects our shared commitment to project success.

HUB Certified **Palacio** is our proposed cost estimating partner for this project. Both Strada and SKA have a history of collaboration with Palacio. Like Strada and SKA, Palacio is right sized for both large and small projects. Collectively, we propose a driven, nimble team that is committed to building the partnerships that we can bring to your team for many years to come.



STRADA (POINT OF CONTACT)



Bronwyn Charlton AIA Senior Associate | Project Manager

Bronwyn will lead this renovation and improvement effort. Bronwyn is a highly organized and talented architect who will ensure the project moves forward on schedule. She excels at engaging with clients and user groups, facilitating the dialogue that guides the project's design. Bronwyn will coordinate the entire design and consultant team, supervising the project process from schematic design through construction. She brings 14 years of experience in the field including 10 years of project management experience.

STRADA (TEAM)



Alan J. Cuteri

AIA, LEED AP BD+C
Principal-in-Charge

Alan, a founding principal of Strada, has focused on higher education for the past 25 years and is one of the first graduates of the SCUP Planning Institute. Alan created the Strada One Firm business model which ensures Alan and any other team member can be available on site without any additional cost to UNCG. This is how we work competitively in 15 states.



Murray Kamara

Architectural Designer

Murray has been a member of Strada for 9 years. He is a talented architectural designer and has completed many higher education projects for Strada. Murray is a team player and collaborates effectively with clients and user groups. He pays close attention to detail and brings innovation and originality to his design process.



Sarah Mitchell

Interior Designer

Sarah Mitchell is an accomplished interior designer at Strada. She has completed multiple planning and design projects for higher education and brings a talent and understanding of finish, durability and design quality to every project.

SKA CONSULTING ENGINEERS (MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION)



Stephen Moorefield

PE, QCXP, LEEP AP
Mechanical Engineer

Stephen is a project and design engineer in the Mechanical Engineering Group with an expertise in HVAC systems design and construction administration and Manager of MEP/FP Services. He has an extensive background with building moisture issues, sustainable design, and works closely with the Building Solutions Group. Stephen is a LEED Accredited Professional with a deep higher education experience, including work at UNC Greensboro.

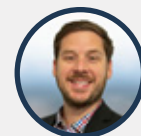


Ron Lawrence

PE
Electrical Engineer

Ron serves as a principal engineer for mechanical, electrical, plumbing, and fire protection disciplines and Manager of MEP/FP Services. His specific electrical design experience includes project management, electrical engineering, peer review, condition assessment, and arc-flash analysis. Based on Greensboro, Ron brings not only significant local expertise, but years of UNC Greensboro experience to the team.

PALACIO COLLABORATIVE (COST ESTIMATING)



Stacey White

Senior Cost Manager

Stacey is a skilled cost manager with higher-education specific experience. He is able to conduct thorough site analysis and constructability reviews at early stages of development. He has a strong ability to communicate through diverse management levels and provide an opportunistic approach to solving problems.



04

RELEVANT EXPERIENCE & OTHER IMPORTANT FACTORS

Strada Firm Overview

Strada (strà·da) *noun*

Definition:
the Italian word for street

Streets are the connection between buildings, people, and public spaces. Strada, which means “street” in Italian, is the pathway to new ideas and experiences. Our approach to design is cross-disciplinary, centered around the human experience, and aims to be both thoughtful and inspiring. By creating transformative and engaging environments, we forge meaningful connections between people and places.

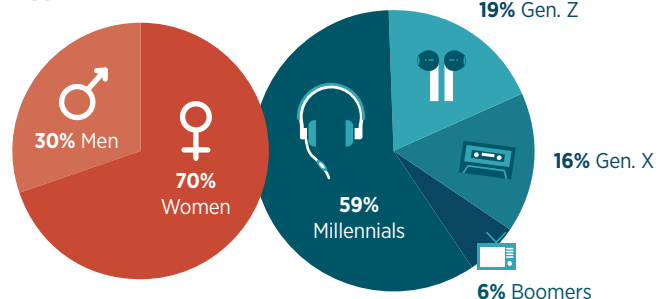
Our three studios have routinely collaborated on projects in over 15 states. We leverage our talents and staff for each project. Our one-studio model of business is highly effective, efficient and brings great value to our clients. **More often than not, individuals from multiple studios are brought onto projects together. Beyond building a strong inter-office culture, this ensures we are readily positioned to bring the right combination of talent to each project.** We connect electronically and travel between studios as part of our business model. Project transportation is not a direct cost to any project.

Formed in 2000, Strada is 70 professionals strong. Our cross-disciplinary design approach involves architects, interior designers, landscape architects, planners, graphic designers and other in-house expertise to ensure your project is completed with care and thoughtful design.

OUR STUDIOS

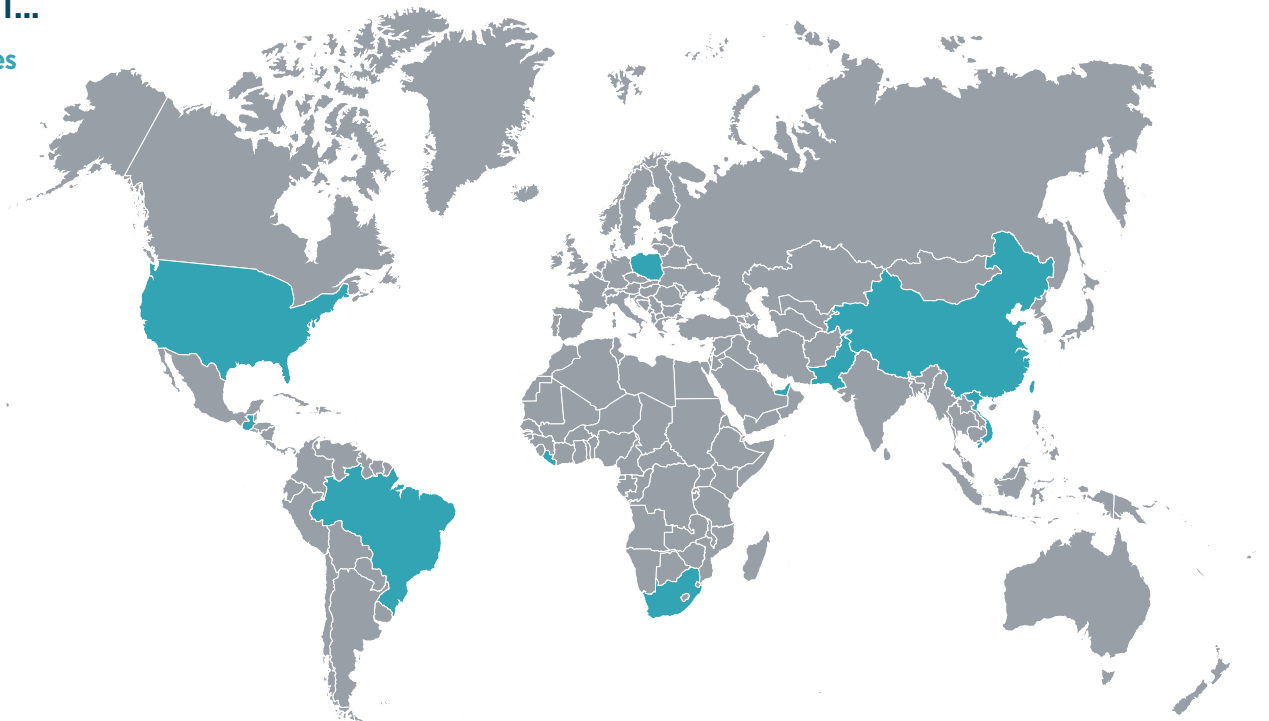


WE ARE...



WE REPRESENT...

- 15+ United States
- Brazil
- Guatemala
- Poland
- U.A.E
- Pakistan
- China
- Vietnam
- Taiwan
- Liberia
- South Africa



4.1 Specialized or appropriate expertise in the type of project



This team has completed many adaptive reuses of buildings for educational clients in multiple states. We have extensive knowledge in existing building infrastructure and systems.



The Strada team members, along with SKA and Palacio, have a demonstrated track record of working together and achieving results.



Strada's pre-design deep dive project startup will aid this particular project in ensuring a smooth and expeditious design process so we can meet the schedule to occupy by June 2025.

The design team proposed for this project has completed hundreds of projects for higher education. We have expertise and capabilities for unique learning environments, active learning classrooms, maker spaces, lecture and flexible teaching environments. Many of our projects have been vetted through post-occupancy faculty and student evaluations that demonstrate the success of our designs through teaching and learning metrics. Specific projects include the Nexus Learning Classrooms for Thomas Jefferson University and The Drexel University ExCITE Center. Some of our learning spaces for creative integration include The Fashion Textiles Futures Center and the Shadyside Academy Glimcher Maker Space.

Another example of our ability to provide adaptive re-use of existing buildings is the new Carnegie Mellon University Cloud Lab. This project was designed and operates within an existing warehouse requiring extensive envelope modification and MEP upgrades to complete this 24/7/365 Automated Laboratory.

HIGHER EDUCATION STATS

27 HIGHER EDUCATION CLIENTS

\$450,000,000+ IN TOTAL HIGHER EDUCATION PROJECT CONSTRUCTION COSTS

250,000,000+ SQ. FT. OF HIGHER EDUCATION SPACES RENOVATED AND BUILT



CMU Cloud Lab

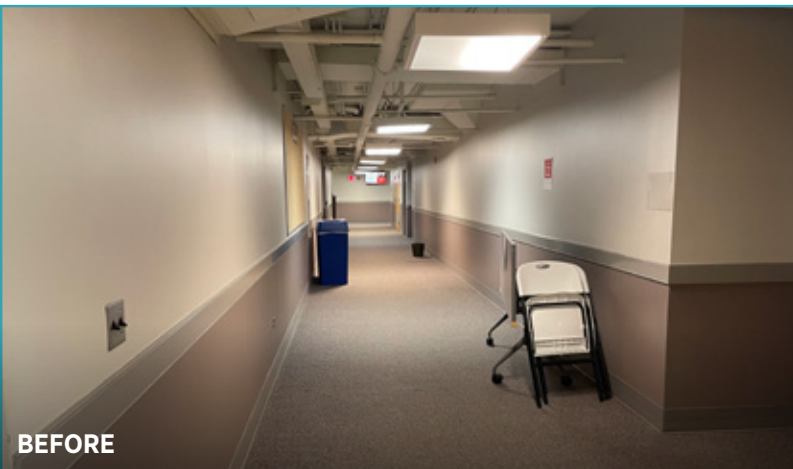


WVU Reed Media Innovation Center

4.2 Past performance on similar projects to 525 Tate Street Renovation

This design team has extensive experience in the renovation and adaptive reuse of existing buildings, as well as facilitating new educational uses for non-educational buildings and spaces. Our experience and expertise is driven by a robust understanding of how building designs and technologies have evolved over the past 100 years. The design team has successfully completed hundreds of building renovations of all sizes for buildings that were designed and constructed in the 20th century. Projects include Roman Catholic Howard Center, The Carnegie Mellon University Margaret Morrison adaptive classroom, the University of Pittsburgh Cathedral of Learning Communications Department, and NCSU's recent Nelson Hall sub-basement renovation.

Each of the projects below transformed spaces that were unbearable or unforgiving. Each has demonstrated our ability to transform the most difficult buildings into effective learning spaces.



North Carolina State University - Nelson Hall

Strada was challenged to create a new classroom and student space for the NCSU Poole College of Management. We were tasked with transforming a below-grade space with concrete ceilings with a height just over 9'-0". The project is nearly complete and is open, bright and inviting.



Thomas Jefferson University - Fashion and Textiles Futures Center

The Fashion and Textiles Futures Center was outdated and unfriendly. Strada used the vibrancy of thread and material colors to enliven the space and bring order to chaos. Creating display windows for their creations, the Center has had wonderful success just over 9'-0".



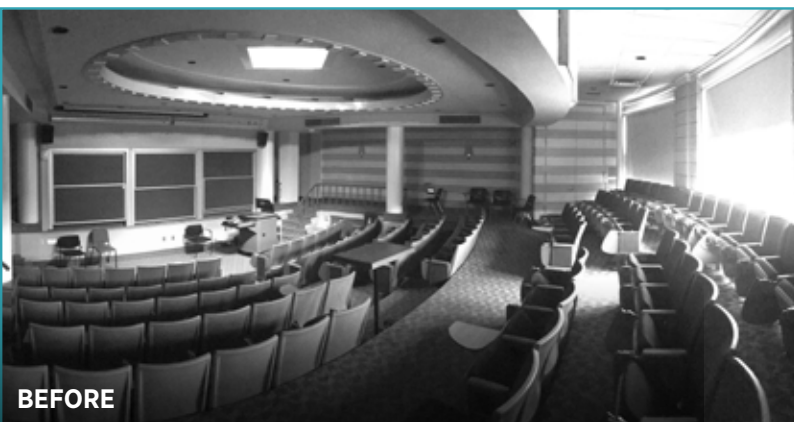
Shady Side Academy - Glimcher Tech & Design Hub

Strada was challenged with a basement space that had minimal natural light. This did not serve the vision for the new space. Regrading and glass exterior walls opened this dynamic new space for creative investigation and design.



University of Pittsburgh - Posvar Hall Classrooms

These old, inaccessible classrooms embodied the worst of brutalist architecture. Strada completely reimagined the space, bringing all functions on level with the main floor and opening the concrete exterior for natural light and views of the campus. These new classrooms went from the most undesirable classrooms on campus, to the most desirable classrooms on campus.



Carnegie Mellon University - Margaret Morrison Breed Hall

This project in an existing historic building was last renovated in the 1980's with a post-modern flair that did not suit the primary users, the School of Architecture. Strada re-envisioned the classroom for contemporary active learning and engagement.



BEFORE

AFTER

University of Pittsburgh - Global Hub

Located in the largest brutalist building on Pitt's main campus, the Global Hub is the starting point for Pitt's recruiting tours of the campus. This space is a functional cultural and informational center for the university's study and work-abroad programs. This design draws on colors, textures and cultural cues from around the globe, supports the programs and exposure to global travel to students.



BEFORE

AFTER

Roman Catholic High School - Howard Center for the Arts

Although a private high school, this project transformed a vacant warehouse into a vibrant center for the arts. Murray Kamara re-envisioned the new alleyway façade and eloquently planned an inviting and wonderful interior for creative and performing arts.

4.3 Current workload and State projects awarded

Strada has adequate staff to plan, program and design this project with our local design team. Alan Cuteri will be actively engaged in the planning, design and programming of this project. Bronwyn Charlton will be the Project Manager and Murray Kamara will be the architectural designer for this project. The Chapel Hill Studio has two full-time licensed architects and two full-time architectural designers. We are completing the construction phase of several projects over the next month and have ample capacity to dedicate our team to this project. Strada is a consultant on several state projects in addition to our current state project at NCSU.

Strada and SKA

Strada and SKA completed our first project together, the renovation of the historic RJ Reynolds Building in Winston Salem, in 2014. Since opening our studio in Chapel Hill, our relationship has grown.

Currently, we have 4 projects in progress with SKA; two of these projects are State awarded projects.

PROJECTS IN PARTNERSHIP WITH SKA

UNCG Cone Art Building Renovation - Weatherspoon Art Museum

NCSU Vet Med Renovation

Wake Tech Office Renovation

Longfellow Laboratory Renovation

Shoppes at Knightdale Facade Refresh

Burlington Tenant Fit-Out

HomeGoods Tenant Fit-Out

Cardinal Hotel and Residences - RJ Reynolds Building



Cardinal Hotel and Residences - RJ Reynolds Building Hotel



RJ Reynolds Hotel - The Katharine

4.4 Proposed design approach for the project

APPROACH OVERVIEW

This project has a modest budget and we understand we need to create great space even though a bulk of construction dollars may go to MEP systems and building envelope upgrades. This is not a concern but rather a creative challenge.

Our process will be mapped out with key milestones, owner decisions and approval dates so that we can accomplish the project in the time allocated in the RFP. Below is a brief action plan on how we would deliver the project. This will need to be adjusted to accommodate owner requirements and availability, but we are confident we can meet your tight schedule to program, design, bid and build for June 2025 occupancy.

Our expedited SD/DD process relies on in depth front-end work which we refer to as Pre-Design in this proposal, but is also known as our Deep Dive approach. Before we do any design, we engage you to fully understand all the parameters of the project, your goals, budget and vision so that initial design concepts are aligned with what you need.

PRE-DESIGN SERVICES (2-3 WEEKS) SEPTEMBER 2024

- 1.0 Meet with stakeholders, verify goals budget and objectives for the project.
- 2.0 Meet and validate building program, scope of renovation and budget priorities.
- 3.0 Sign off on program, budget priorities, schedule, and owner decision dates.

This phase is critical to ensure we begin design with clear direction and enhances our ability to responsibly complete services in an efficient and expedited manner.

DESIGN SERVICES (SD/DD) (6 WEEKS) SEPTEMBER – OCTOBER 2024

- 1.0 Develop concept layouts based on approved program/priorities and budget.
- 2.0 Discuss MEP systems upgrades, budgets and strategies.
- 3.0 Consider building envelope improvements.
- 4.0 Two design review sessions.
- 5.0 Detailed design documents for:
 - Envelope improvements
 - Interior Spaces
 - MEP systems design
 - AV/IT requirements
 - Fixtures Furniture and Equipment
 - Finishes, textures
 - Evaluate Maintenance and operational impact on University Staff
- 6.0 Finalize design and budget.

FINAL DESIGN (CD) (10 WEEKS) NOVEMBER 2024 – MID-JANUARY 2025

- 1.0 Prepare Complete biddable documents and specifications.
- 2.0 Perform QA QC on all documents and specifications.
- 3.0 Final review time for UNCG - 2 Weeks
- 4.0 SCO Review - 6 weeks

BIDDING/CONTRACTS (8 WEEKS) MID-JANUARY - FEBRUARY 2025

CONSTRUCTION MARCH - JUNE 2025

The schedule is very tight and will require timely decision making by UNCG. Strada will hold you to the schedule we mutually agree to so we can ensure project completion as desired.



Rendering for NCSU, Nelson Hall Ground Floor Renovation

4.5 Recent experience with project costs and schedules

Strada has guided cost estimating services for our projects for the last 20+ years. Highly experienced in project delivery, constructibility, and contractor integration, our diverse and collaborative team has significant experience in delivering projects on budget.

Strada's recent work with NCSU's Nelson Hall was a testament to working with the SCO and the UNC System guidelines and requirements. Prior to the start of construction, it was determined that there would be a minimal schedule shift due to a delayed delivery of HVAC units, outside the control of the design and construction. This was determined early and we worked with the Poole College of Management to minimize scheduling impacts. Strada, and Alan Cuteri in particular, have a great track record of completing projects within the University budgets provided. Recent projects include the Posvar Hall Classrooms, the Nano Technology Laboratory, and the Benedum Hall HVAC upgrades at the University of Pittsburgh, all on schedule and under budget. All three of these projects are in construction.



University of Pittsburgh SHRS Building in construction - Image Captured from Live Feed

4.6 Construction administration capabilities

Strada has team members that process construction documentation and distribution in order to facilitate timely review and response on submittals, RFIs, payment applications and other documentation during construction. Bronwyn and Murray will manage CA services and have on site authority for decision making which will be critical for this project. We work with the University to solve construction issues quickly and efficiently to ensure progress of construction.

We have extensive experience in the construction process and are highly experienced at adaptive re-use construction.



525 Tate

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

We are proud to call Chapel Hill, NC our studio home. Within an hour drive of UNCG, our team members can be on site for every meeting. Project Manager Bronwyn Charlton is a North Carolina registered architect who brings a diverse range of experiences but has lived most of her life in North Carolina. She understands the rich history of our state and the central importance of the colleges and universities that are its backbone – and specifically the value of the opportunities they provide.

Our MEP consultant teams SKA are based in Greensboro and bring a long-standing trusting relationship to this project. Most recently, we have partnered with SKA at Wake Tech, and with private developers in the Raleigh area, and at UNCG on the ongoing Weatherspoon renovations.

Our team is committed to strong relationships and diverse local work. We are proud to have projects with various state institutions, including NCSU, UNC-CH, UNCH, Duke, and WTCC. We look forward to bringing our collaborative nature, campus renovation experience and regional expertise to your project.



B+Labs at Cira Centre

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

For higher education projects, Strada has never had a litigation or claim made against the firm. This is not because we have not had problems that needed to be resolved, but we have always resolved these issues with the university and, when appropriate, participated in the financial rectification. We enjoy a very low loss ratio for ALL of our project types and as such enjoy competitive fees for our insurance policies.

There is only one active claim for a retail development project in Tennessee.



05

MINORITY BUSINESS PARTICIPATION PLAN

5.1 Minority business participation plan



We're proposing an experienced and diverse team with familiar faces and prior experience with UNCG. **We have invited Palacio Collaborative to join our team; they are HUB Certified with MBE and DBE credentials. Their extensive experience with UNCG projects is impressive, and we are proud to include them on our team.**

Construction Efforts to Support UNCG HUB goals:

We will work with you to identify and support HUB outreach before the project goes out to bid. We will facilitate a dialog to discuss pre-qualified bidding options during design and determine the best outreach plan to inform our HUB certified community members of this opportunity. With you, we will review bids for HUB participation and review Appendix E with the Pay Applications to ensure HUB participation is tracked throughout Construction Administration.

DEI/HUB support beyond our projects and our intra-office culture:

We are aware that our profession and allied professions are underrepresented with diverse talent. We acknowledge this industry-wide issue and have committed to several mentoring initiatives at the high school level for underrepresented students – such as NOMA's Project Pipeline, Architecture + Design Education, and ACE Mentorships– for students who have an interest in our profession.



06

SF330

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

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

525 Tate Street Renovation

2. PUBLIC NOTICE DATE

June 11, 2024

3. SOLICITATION OR PROJECT NUMBER

287-23-28236-01

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Bronwyn Charlton AIA, Senior Associate

5. NAME OF FIRM

Strada Architecture LLC

6. TELEPHONE NUMBER

919.949.5768

7. FAX NUMBER

412.471.5704

8. E-MAIL ADDRESS

bcharlton@stradallc.com

C. PROPOSED TEAM

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

				(Check)						
				PRIME	JV PARTNER	SUB				
				9. FIRM NAME	10. ADDRESS			11. ROLE IN THIS CONTRACT		
a.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		101 Glen Lennox Drive Suite 280 Chapel Hill, NC 27517			Architecture, Building Assessment, Programming, Interior Design, Accessibility, Code Compliance, Budget Control		
				<input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE						
b.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		7900 Triad Center Drive Suite 200 Greensboro, NC 27409			MEP/FP Systems Assessment & Design, AV/ IT Design, Budget Control		
				<input type="checkbox"/> CHECK IF BRANCH OFFICE						
c.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		4819 Emperor Boulevard, Suite 400 Durham, North Carolina 27703			<div style="display: flex; justify-content: space-around; align-items: center;"> </div> Budgeting & Cost Estimating		
				<input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE						
d.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
				<input type="checkbox"/> CHECK IF BRANCH OFFICE						
e.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
				<input type="checkbox"/> CHECK IF BRANCH OFFICE						
f.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
				<input type="checkbox"/> CHECK IF BRANCH OFFICE						

D. ORGANIZATIONAL CHART OF PROPOSED TEAM



SKA CONSULTING ENGINEERS MEP

- 1** Stephen Moorefield PE, QCXP, LEED AP
Mechanical Engineer
- 2** Ron Lawrence PE
Electrical Engineer

PALACIO COLLABORATIVE COST ESTIMATING

- 1** Stacey White
Senior Cost Manager

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
BRONWYN CHARLTON AIA	Senior Associate Project Management	a. TOTAL 14	b. WITH CURRENT FIRM 1
15. FIRM NAME AND LOCATION (City and State)			
Strada Architecture LLC (Chapel Hill, NC)			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
Bachelor of Arts, Philosophy Master of Arts, Political Science Master of Architecture		Architecture: NC	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

Bronwyn is a multidisciplinary architect with 14 years of professional experience. She is an innovative designer with a proven track record of meeting exceptional design standards while maintaining project budgets. Detail-oriented and highly skilled, Bronwyn combines rigor and advanced design sensibility with strong communication skills for a dynamic and collaborative process.

19. RELEVANT PROJECTS

#	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	North Carolina State University - Nelson Hall Raleigh, North Carolina	2022-2024	2023-2024
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Architect and CA Project Manager. The ground floor is being renovated to provide a 90 seat team-based classroom and a 20 seat seminar classroom, with supporting collaborative spaces, small conference rooms and a Bloomberg Terminal Lab for financial analytics. The project is renovating the mechanical and electrical systems, addresses the plumbing and fire protection systems and brings the ground floor into compliance with the NC State Building and Accessibility codes. This project is being completed with Palacio . Size: 7,067 sq. ft.; Cost: \$1,609,800. (Section F, #2)		
b.	North Carolina State University - Wood Residence Hall Raleigh, North Carolina	2023	2024-2025
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Modernizing critical systems in a 1983 Residence Hall. Strada is providing architectural services for the renovation of the HVAC system in Wood Residence Hall buildings. The HVAC system will convert the existing two-pipe system to a four-pipe system for increased reliability and efficiency. This project develops strategies for gracefully integrating and concealing additional HVAC piping systems in already tight quarters. This project is being completed with Palacio . Size: 114,400 sq. ft.; Cost: \$5,800,000		
c.	University of North Carolina Greensboro - Weatherspoon Art Museum Retrofit Greensboro, North Carolina	2023	2024
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. This project addresses the changing needs of a treasured campus facility. Establishing the goals of this experience driven client and continuously reflecting on those goals was key to this project's success. We merged the experience related goals with programmatic needs, such as improved occupant flow and technological upgrades to showcase and better protect exhibits. The architecture choices are subtle and heavily rooted in consultant coordination and clear and concise specifications. Our goal was to ensure client, operator and patron satisfaction for years to come. This project is being completed with SKA and Palacio . Size: 2,800 sq. ft.; Cost: \$1,200,000 (Section F, #1)		
d.	University of North Carolina at Chapel Hill - Zamboni Lab Relocation (Phases I & II) Chapel Hill, North Carolina	2023	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. This study/future renovation was contracted through UNC-CH through our standing on-call contract. The Zamboni lab is an equipment-heavy lab with extensive mechanical requirements, but the lab space slated for its relocation was designed for traditional wet-lab chemistry and did not have sufficient supply or return air or emergency power. We developed two options in order to offer the client a full spectrum analysis of the project potential, including tiered mechanical systems investment as well as spatial solutions for mitigating equipment impact. The client was very satisfied with the detailed analysis we provided, and has asked us to conduct a second study for this relocation using new information and benchmarks provided by the client. This project was completed with Palacio . Size: 3,920 sq. ft.; Cost: \$1,207,950		
e.	ReCode Therapeutics Durham, North Carolina	2023-2024	2024
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Strada was engaged to design improvements to BSL 2 laboratory space that was occupied during construction. The project involved both modifications to existing tissue culture space and the addition of new facilities. Cooling capacity was increased and infrastructure was added to accommodate new equipment in the principal laboratory area. Phasing of the work and a tight schedule required the team to separate construction activity impacts architecturally and mechanically from areas where research was underway. Size: 1,500 sq. ft.; Cost: \$369,626		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
ALAN J. CUTERI AIA, LEED AP BD+C	Principal-in-Charge	a. TOTAL 42	b. WITH CURRENT FIRM 23
15. FIRM NAME AND LOCATION (City and State)			
Strada Architecture LLC (Pittsburgh, PA)			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
Bachelor of Architecture		Architecture: NC, PA, WV, VA, OH, FL, NJ, CA, NY	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

Alan is a founding principal of Strada and has been in practice for over 40 years. His steadfast leadership and collaborative approach has resulted in countless thoughtful, successful projects for Higher Education, Corporate, and Private clients. One of the first graduates of the Society for College and University Planners-Planning Institute, Alan has embraced the methodologies and planning tools acquired at SCUP Institute and coupled them with Strada's PlaceMapping® process. This unique approach results in high-quality projects that generate places where people enjoy working, learning, and playing. Alan's close focus on project management, budget control, and internal staffing and scheduling, along with his deep understanding of design and construction, make him an outstanding leader for projects of any scale. His education at Carnegie Mellon University not only provided him with excellent design awareness and structural knowledge, but also prepared him to be a logical problem solver whose tenacity sees challenges to their proper ends.

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State) North Carolina State University - Nelson Hall Raleigh, North Carolina	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2021-2024	2023-2024
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Principal-in-Charge, Architect. The ground floor is being renovated to provide a 90 seat team-based classroom and a 20 seat seminar classroom, with supporting collaborative spaces, small conference rooms and a Bloomberg Terminal Lab for financial analytics. The scope includes new exterior entrance doors and renovating existing single occupant restrooms. The project is renovating the mechanical and electrical systems, address the plumbing and fire protection systems and will bring the ground floor into compliance with the NC State Building and Accessibility codes. This project is being completed with Palacio. Size: 7,067 sq. ft; Cost: \$1,609,800 (Section F, #2)		
b.	(1) TITLE AND LOCATION (City and State) University of Pittsburgh, Graduate School Of Public And International Affairs Pittsburgh, Pennsylvania	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2023	2025
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Principal-in-Charge, Architect. With evolving space needs, multiple stakeholder groups, and an inspiring vision for their emerging programs, a thoughtful and thorough deep dive engagement brought GSPIA the clarity and consensus they needed to envision their future. Size: 36,000 sq. ft; Cost: \$10,000,000		
c.	(1) TITLE AND LOCATION (City and State) West Virginia University, Reynolds Hall, The John Chambers School of Business Morgantown, West Virginia	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2018-2021	2019-2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Principal-in-Charge, Architect. With stunning views of the Monongahela River, this 168,000 sq. ft. building, slated to open for the fall 2022 semester, will impress visitors and students alike. The structure's double-height entry lobby features a massive social stair that can be used for gatherings and a suspended Ideation Hub that floats above like a treehouse. The building also includes a 350-seat lecture hall and a fitness center. The structure's features capitalize on the views of the Monongahela River, drawing them in as far as possible, with big windows and front porch common areas on every floor, encouraging meetings and networking. Strada partnered with Gensler on the design, and is serving as the architect of record on the project. Size: 141,318 sq. ft., Cost: \$72,202,505		
d.	(1) TITLE AND LOCATION (City and State) Carnegie Mellon University, Margaret Morrison Breed Hall Pittsburgh, Pennsylvania	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2018-2019	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Principal-in-Charge, Architect. The original design challenge was to significantly renovate the historic classroom to ensure that it was accessible for all students. Another overarching challenge was to improve the quality of education for students attending classes in Breed Hall. In order to do so, our team focused on designing a space that fostered innovative learning, to ensure the classroom was flexible enough to accommodate diverse kinds of learning, such as collaborative and group work, as well as a traditional lecture style configuration. Size: 3,106 sq. ft., Cost: \$975,437 (Section F, #4)		
e.	(1) TITLE AND LOCATION (City and State) Carnegie Mellon University - Cloud Laboratory Pittsburgh, Pennsylvania	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2021-2023	2022-2023
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Principal-in-Charge, Architect. CMU Cloud Lab is the first automatic science research lab in the Academic setting. Carnegie Mellon University partnered with Emerald Cloud Lab to bring automated lab technology to an existing off-campus warehouse. The 16,551 sq. ft. lab is accompanied by 2,700 sq. ft. of second floor office space. Unlike the conventional lab, the automation aspect allows for a higher concentration of lab benches per square foot in a controlled environment and improved research outcomes. The design of the lab focused on modularity design to bring an efficient layout to the floor plan and streamlined the utility connections at each bench module. The resulting showcase space forecasts the future of laboratory design. Size: 18,000 sq. ft., Cost: \$7,600,000		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
MURRAY KAMARA	Architectural Design	a. TOTAL 10	b. WITH CURRENT FIRM 8

15. FIRM NAME AND LOCATION (City and State)

Strada Architecture LLC (Chapel Hill, NC)

16. EDUCATION (Degree and Specialization) **17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)**

Bachelor of Science in Architecture

N/A

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Murray epitomizes the concept of collaboration. His personable manner, thoughtfully considered design ideas, superlative technical skills, and willingness to jump into any project make him a tremendous asset to design teams. During his career, Murray has worked on many projects that have provided him with meaningful insight into the design elements that make places distinctive. He relishes the opportunity to think beyond spatial norms and create program areas that are frequently overlooked initially by clients but quickly become their favorite spaces.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	North Carolina State University - Nelson Hall Raleigh, North Carolina	2021-2024	2023-2024
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Architectural Designer. The ground floor is being renovated to provide a 90 seat team-based classroom and a 20 seat seminar classroom, with supporting collaborative spaces, small conference rooms and a Bloomberg Terminal Lab for financial analytics. The project is renovating the mechanical and electrical systems, addresses the plumbing and fire protection systems and brings the ground floor into compliance with the NC State Building and Accessibility codes. This project is being completed with Palacio . Size: 7,067 sq. ft.; Cost: \$1,609,800 (Section F, #2)		
b.	Carnegie Mellon University - Cloud Laboratory Pittsburgh, Pennsylvania	2021-2023	2022-2023
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Architectural Designer. CMU Cloud Lab is the first automatic science research lab in the Academic setting. Carnegie Mellon University partnered with Emerald Cloud Lab to bring automated lab technology to an existing off-campus warehouse. The 16,551 sq. ft. lab is accompanied by 2,700 sq. ft. of second floor office space. Unlike the conventional lab, the automation aspect allows for a higher concentration of lab benches per square foot in a controlled environment and improved research outcomes. The design of the lab focused on modularity design to bring an efficient layout to the floor plan and streamlined the utility connections at each bench module. The resulting showcase space forecasts the future of laboratory design. Size: 18,000 sq. ft.; Cost: \$7,600,000		
c.	University of North Carolina at Chapel Hill - Zamboni Lab Relocation (Phases I & II) Chapel Hill, North Carolina	2023	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Architectural Designer and Lab Planner. This study/future renovation was contracted through UNC-CH through our standing on-call contract. The Zamboni lab is an equipment-heavy lab with extensive mechanical requirements, but the lab space slated for its relocation was designed for traditional wet-lab chemistry and did not have sufficient supply or return air or emergency power. We developed two options in order to offer the client a full spectrum analysis of the project potential, including tiered mechanical systems investment as well as spatial solutions for mitigating equipment impact. The client was very satisfied with the detailed analysis we provided, and has asked us to conduct a second study for this relocation using new information and benchmarks provided by the client. This project was completed with Palacio . Size: 3,920 sq. ft.; Cost: \$1,207,950		
d.	Longfellow Real Estate Partners (300 Morris) Durham, North Carolina	2022-2023	2023-2024
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Lab Planner. A space previously allocated for retail sat empty in a prominent Durham location. The client's vision was to turn this space into a working laboratory as quickly as possible. Our in-house lab specialists and internal knowledge-base of lab design and requirements positioned us for a quick turnaround. From project kickoff to permit submission was 14 weeks for this Class-A Laboratory fit-up. This lab includes an open wet-lab, fume-hood, tie-ins for future tenant requirements, open office space, conference room, break room and additional laboratory accessory spaces. Size: 7,000 sq. ft.; Cost: \$2,000,000		
e.	Roman Catholic High School - Howard Center for the Arts Philadelphia, Pennsylvania	2016-2019	2018-2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Architectural Designer. The existing 1940s, two-story warehouse building presented challenges including a low roof structure and ceilings, limited access to natural light, inefficient HVAC systems and the need to accommodate large scale functions within its existing footprint. The design team decided to flip the initial program from the first to the second floor to help solve the design challenges. With the program on the second floor, the ceiling structure was left exposed to provide greater volumes. Murray Kamara re-envisioned the new alleyway façade and eloquently planned an inviting and wonderful interior for creative and performing arts. Size: 23,065 sq. ft., Cost: \$5,300,000 (Section F, #5)		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
SARAH MITCHELL	Interior Designer	a. TOTAL 1	b. WITH CURRENT FIRM 1
15. FIRM NAME AND LOCATION (City and State)			
Strada Architecture LLC (Pittsburgh, PA)			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
Bachelor of Fine Arts in Environmental & Interior Design		N/A	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State) North Carolina State University - Nelson Hall Raleigh, North Carolina	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2021-2024	2023-2024
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Interior Designer. The ground floor is being renovated to provide a 90 seat team-based classroom and a 20 seat seminar classroom, with supporting collaborative spaces, small conference rooms and a Bloomberg Terminal Lab for financial analytics. The scope includes new exterior entrance doors and renovating existing single occupant restrooms. The project is renovating the mechanical and electrical systems, address the plumbing and fire protection systems and will bring the ground floor into compliance with the NC State Building and Accessibility codes. This project is being completed with Palacio. Size: 7,067 sq. ft; Cost: \$1,609,800 (Section F, #2)		
b.	(1) TITLE AND LOCATION (City and State) University of Pittsburgh, Graduate School Of Public And International Affairs Pittsburgh, Pennsylvania	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2023	2025
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Interior Designer. With evolving space needs, multiple stakeholder groups, and an inspiring vision for their emerging programs, a thoughtful and thorough deep dive engagement brought GSPIA the clarity and consensus they needed to envision their future. Size: 36,000 sq. ft; Cost: \$10,000,000		
c.	(1) TITLE AND LOCATION (City and State) 3440 Market Street Philadelphia, Pennsylvania	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2022-2023	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Interior Designer. Project consisted of design and renovation of ground floor lobby and 2 lab floors tenant fit-out as well as exterior facade rework. Goals were to create comprehensive finish palette that helped improve wayfinding on floors and differentiate tenant spaces. Multiple finish palette schemes were produced to provide full exploration of design concepts. One of the highlighted design schemes was to incorporate a palette that worked with the design of the exterior facade, allowing for the building to feel unity. Size: 48,000 sq. ft.		
d.	(1) TITLE AND LOCATION (City and State) 7 West 7th Cincinnati, Ohio	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2022-2023	2023
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Interior Designer. This project is a renovation from corporate offices to apartments that consist of 21 floors. Project consists of 4 amenity spaces with a highlighted design feature of the 20th-21st floor double-story Winter Garden. The Winter Garden was designed to highlight the use of natural light within the building and emphasize places of rest and relaxation for tenants.		
e.	(1) TITLE AND LOCATION (City and State) University of Pittsburgh - Academic Classroom Renovation Pittsburgh, Pennsylvania	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2023-Ongoing	Summer 2024
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Interior Designer. Scope was for classrooms 5404 and 5405. Design included new finishes, lighting, and furniture. A challenge of this project was working within the existing walls which made the classrooms a triangle shape. Size: 2,017 sq. ft.; Cost: \$451,216		
f.	(1) TITLE AND LOCATION (City and State) University of Pittsburgh - Alumni Hall Lecture Hall Pittsburgh, Pennsylvania	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2023-Ongoing	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Interior Designer. Scope was to completely refurbish the interior of one of the physics classroom space to remove fixed auditorium style seating into a seating style that supports active learning. To do this we looked at different tier solutions, furniture configurations, and studying multiple room orientations. A challenge for this project was keeping in mind materials that could withstand rigorous demo's involving chemicals and ensuring current physics demo needs were met. Size: 7,871 sq. ft.; Cost: \$763,994		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
STEPHEN MOOREFIELD PE, QCXP, LEED AP	Mechanical Engineer	a. TOTAL 24	b. WITH CURRENT FIRM 24
15. FIRM NAME AND LOCATION (City and State)			
SKA Consulting Engineers, Inc. (Greensboro, NC)			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
B.S., Mechanical Engineering - University of North Carolina - Charlotte		Engineer: North Carolina, Virginia, South Carolina, Texas Certifications: Qualified Commissioning Process Provider	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
ASHRAE, USGBC			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	UNC Greensboro Moran Commons 105 E-Sports Arena Admin. Office Greensboro, North Carolina	2022	2023
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm SKA provided MEP design for this project which has an objective to create an office space with work area and break area inside the existing storage room 105 to support the E-Sports Arena in Moran Commons. The 3,300 square foot Esports Arena is centrally located in Moran Commons and offers a mix of gaming computers, consoles, a virtual reality system, and broadcast capabilities. arena is intentionally designed to engage students both socially and academically. The arena provides UNCG students with a cutting edge learning environment in the field of gaming. From event planning to broadcast production, students have a space to express their creativity while also creating community with fellow gamers on campus. Served as project manager.		
b.	Wake Tech Community College Beltline Office Renovation Raleigh, North Carolina	2022	Ongoing (2024)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm SKA is providing MEP design services for the renovation of the existing corridor space into a 120 square foot office at WTCC's Beltline Education Center. SKA performed a review of available existing construction documents and performed a site visit to establish existing conditions of the space and the mechanical, electrical, and fire protection systems. SKA designed for reconfiguration/replacement of air distribution systems, lighting, lighting controls, receptacles, fire protection sprinkler heads, and telecom system reaway. SKA provided construction drawings for mechanical, electrical, and fire protection systems. Serving as mechanical engineer. This project is being completed with Strada.		
c.	NC A&T State University Dudley Hall Renovation Greensboro, North Carolina	2021	Ongoing (2024)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm SKA is providing mechanical and electrical design services for the renovation of Dudley Hall. The project scope includes: conversion of first floor multi-purpose room into gallery space including replacement/reconfiguration of HVAC, power, lighting and low voltage systems; renovations to existing gallery spaces including re-lamping of gallery display lighting; interior and exterior accessibility upgrades, and building envelope repairs. Serving as project manager.		
d.	NC A&T State University ERIC Building Greensboro, North Carolina	2017	2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm SKA provided structural design as well as MEP and building envelope commissioning at the North Carolina A&T State University Engineering Research and Innovation Complex (ERIC). The project is a \$90 million research building design to accommodate the University's growing needs for engineering innovation. The 130,000 square foot building contains thematic research spaces, living labs/experiential studios, modern re-configurable classrooms, offices and meeting spaces, as well as strategically designed open/green spaces. The ERIC building provides the University with a state of the art engineering facility with the flexibility to adapt to ever changing research needs. Served as MEP commissioning agent.		
e.	VanDyke Performing Arts Center Greensboro, North Carolina	2016	2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The Van Dyke Performance Space was an addition to the Greensboro Cultural Center. The addition provided a flexible performance space for Greensboro's performing arts community. The 7,500 square foot Performance Space addition included a shock-absorbing stage and seating for 300 as well as back of house dressing rooms and toilets for the performers. SKA provided engineering design and construction administration services for structural and MEPFP systems. Served as mechanical engineer.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
RON LAWRENCE PE	Electrical Engineer	a. TOTAL 34	b. WITH CURRENT FIRM 7
15. FIRM NAME AND LOCATION (City and State)			
SKA Consulting Engineers, Inc. (Greensboro, NC)			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
B.S., Electrical Engineering - University of North Carolina - Charlotte		Registered Engineer North Carolina; Registered Electrical Contractor North Carolina; Registered General Contractor North Carolina, Virginia	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
University of North Carolina Greensboro - Weatherspoon Art Museum Retrofit Greensboro, North Carolina	PROFESSIONAL SERVICES 2022	CONSTRUCTION (If applicable) Ongoing (2024)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
<p>a. SKA is providing electrical engineering services for the Cone Art Lighting Upgrades project. The Art Museum's 2015 Facility Condition Assessment Program (FCAP) report noted that the lighting infrastructure, including the dimming controls and track systems, were both obsolete and damaged. Phase 1 has since been completed and remaining galleries and public spaces (Auditorium, Lobby, Atrium) needed to be updated in Phases 2 and 3. The galleries involved in this project include Ivy (Gallery 4), Guild (Gallery 5), Gallery 6, and McDowell (Gallery 7). The scope includes replacement of lighting fixtures and controls, and some new gallery ceiling areas and window shades. Phased implementation will be necessary to accommodate the museum's exhibit schedule and minimize disruption to occupants. Serving as project manager / electrical engineer. This project is being completed with Strada. Size: 2,800 sq. ft.; Cost: \$1,200,000 (Section F, #1)</p>		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
UNC Greensboro Foust Building Electrical Upgrades, Ph. 2 Greensboro, North Carolina	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable) 2022
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
<p>b. The scope of this project was to completely replace and modernize the electrical system, downstream of the switchgear. Opened in 1892, Foust is on the national register of historic places and is built of stone, masonry, timber beams, wood joists, plaster and lathe. The historic nature of Foust was expected to be fully honored in the design of electrical work details and installation instructions. Challenges included a carefully planned phasing of construction sequences that accommodates occupancy during construction, multiple diverse academic and administrative departments and some classroom spaces. Served as electrical engineer.</p>		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
UNC Greensboro Brown Hall Renovation Greensboro, North Carolina	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) 2017
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
<p>c. Scope of the project includes partial renovations of existing Carmichael building included upgraded lighting and controls to corridors and classrooms. The scope also included upgrades to existing HVAC system including additional mini-split systems installed in areas requiring additional cooling. Project budget was \$500,000. Served as electrical engineer.</p>		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
NC A&T State University ERIC Building Greensboro, North Carolina	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) 2021
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
<p>d. SKA provided structural design as well as MEP and building envelope commissioning at the North Carolina A&T State University Engineering Research and Innovation Complex (ERIC). The project is a \$90 million research building design to accommodate the University's growing needs for engineering innovation. The 130,000 square foot building contains thematic research spaces, living labs/experiential studios, modern re-configurable classrooms, offices and meeting spaces, as well as strategically designed open/green spaces. The ERIC building provides the University with a state of the art engineering facility with the flexibility to adapt to ever changing research needs. Served as electrical engineer.</p>		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
NC State University Center for Veterinary Medicine Main Building LED Conversion Raleigh, North Carolina	PROFESSIONAL SERVICES 2023	CONSTRUCTION (If applicable) Ongoing (2023)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
<p>e. The Center for Veterinary Medicine Main Building is approximately 313,500 sf and has three levels. It contains a mixture of LED, fluorescent, and incandescent fixtures. The area of work for this project is approx. 150,000 sf with 43,650 sf under Phase 1 and 106,134 sf under Phase 2. This project will consist of upgrading the lighting in these remaining spaces. As part of the lighting upgrade, SKA will replace or retrofit existing fixtures with new LEDs and install new energy saving controls including occupancy sensors and dimming switches. SKA will provide design, bidding, and construction administrative services for Phase 1 and will provide design only for Phase 2. Serving as project manager / electrical engineer.</p>		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
STACEY WHITE	Senior Cost Manager	a. TOTAL 6	b. WITH CURRENT FIRM 1
15. FIRM NAME AND LOCATION (City and State)			
Palacio Collaborative (Charlotte, NC)			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
M.S. Business Administration; B.S. Construction Management		N/A	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
N/A			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State) Winston-Salem State University Kenneth R. Williams Auditorium Winston-Salem, North Carolina	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2023	2025
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Lead Cost Manager. Provided Cost Management for an auditorium renovation and addition. Size: 102,690 sq. ft; Cost: \$53,000,000			
b.	(1) TITLE AND LOCATION (City and State) North Carolina A&T State University Hines Hall Renovations Greensboro, North Carolina	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2024	2025
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Lead Cost Manager. Provided Cost Management for a 14,220 sq. ft. interior renovation that includes the auditorium, office, student support, and offices. Size: 14,220 sq. ft; Cost: \$1,200,000			
c.	(1) TITLE AND LOCATION (City and State) College of Charleston Stern Center Renovation Charleston, South Carolina	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2023	2024
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Lead Cost Manager. Provided Cost Management for a 73,000 sq. ft. renovation to the existing stern student center. Size: 73,000 sq. ft; Cost: \$28,000,000			
d.	(1) TITLE AND LOCATION (City and State) University of South Carolina Upstate Administration Building Renovation Spartanburg, South Carolina	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2024	2025
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Lead Cost Manager. Provided Cost Management for a 73,000 sq. ft. renovation to the existing stern student center. Size: 5,216 sq. ft; Cost: \$389,109			
e.	(1) TITLE AND LOCATION (City and State) Clemson University Edisto Research & Education Center Small Lab Building Clemson, South Carolina	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2023	2025
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Lead Cost Manager. Provided Cost Management for a new 1-story building to include a variety of labs (research, ICP, specialty autoclave), offices and holding area. Size: 6,170 sq. ft; Cost: \$5,000,000			

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.)

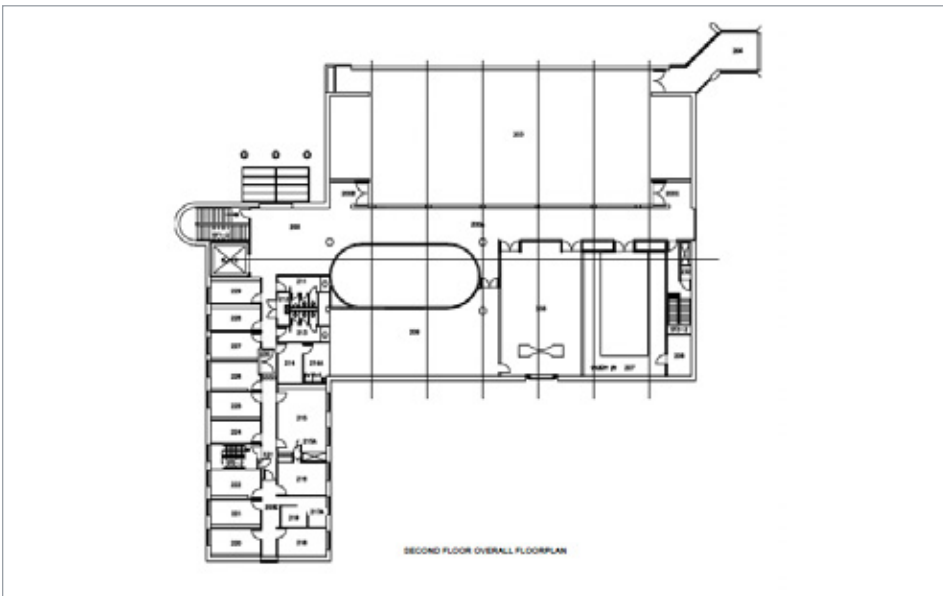
20. EXAMPLE PROJECT KEY #
1

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
UNIVERSITY OF NORTH CAROLINA GREENSBORO - WEATHERSPOON ART MUSEUM RETROFIT Greensboro, North Carolina	PROFESSIONAL SERVICES 2023	CONSTRUCTION (If applicable) 2024

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER UNC Greensboro	b. POINT OF CONTACT NAME Alexis Bauman	c. POINT OF CONTACT TELEPHONE NUMBER 336.334.4434

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

Addressing the changing needs of a treasured campus facility.	Project Cost: \$1,200,000	Project Size: 2,800 sq. ft.
--	-------------------------------------	---------------------------------------



Strada is working as Architect of Record under SKA for the Cone Art Lighting Upgrades project. The Art Museum's 2015 Facility Condition Assessment Program (FCAP) report noted that the lighting infrastructure, including the dimming controls and track systems, were both obsolete and damaged. Phase 1 has since been completed and remaining galleries and public spaces (Auditorium, Lobby, Atrium) needed to be updated in Phases 2 and 3. The galleries involved in this project include Ivy (Gallery 4), Guild (Gallery 5), Gallery 6, and McDowell (Gallery 7). The scope includes replacement of lighting fixtures and controls, and some new gallery ceiling areas and window shades. Phased implementation will be necessary to accommodate the museum's exhibit schedule and minimize disruption to occupants.

The project goal is to improve the visitor experience of the museum, address electrical safety issues and enhance the art collection's presentation and long-term preservation. The lighting and controls upgrades will reduce energy consumption, providing annual savings and reducing overall greenhouse gas emissions.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
	Strada Architecture LLC	Chapel Hill, NC	Architect, Interior Design
	SKA Consulting Engineers	Greensboro, NC	MEP Engineering
	Palacio Collaborative	Durham, NC	Cost Estimating

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 #
2

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
NORTH CAROLINA STATE UNIVERSITY - NELSON HALL Raleigh, North Carolina	PROFESSIONAL SERVICES 2022-24	CONSTRUCTION (If applicable) 2023-24

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER North Carolina State University	b. POINT OF CONTACT NAME James Cox	c. POINT OF CONTACT TELEPHONE NUMBER 919.219.1381

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

From technology to acoustics to finishes, student experience was prioritized throughout the revitalization of this underutilized sub-level space.

Project Cost:
\$1,609,800

Project Size:
7,067 sq. ft.



This is a 'student first' project. Our team worked closely with the Poole College of Management team to ensure student needs were at the center of our decision making.

The Strada team designed AV & mixed media oriented flexible classroom space as well as supplemental student resource space for the 7,000 sq. ft. Nelson Hall ground floor. Two refreshed classrooms incorporate audio visual components such as wall mounted displays, suspended pendant microphones and speakers, as well as acoustic dampening products; these not only help to contain audio in the classrooms but also isolate and separate the adjacent student supplemental space. In addition to AV innovation, both classrooms utilize powered floor tracks and outlets for teachers and students to access power where needed.



Collaborative furniture selection & grouping shape the student resource areas. By having various seating arrangement options, students and teachers are able to arrange their educational needs, choosing between individual focus, small team collaboration, and group huddle settings. The new spaces provide a refreshing place for students of NCSU's weekday courses in the undergraduate business management degree programs and MBA classes on nights and weekends.

The project also includes accessibility enhancements, new exterior entrance doors, and renovation of existing single occupant restrooms in compliance with North Carolina state building and accessibility codes. The design team and construction team utilized 3D modeling and BIM to optimize the integration between MEP utilities and architectural interiors. This project was completed with Palacio.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Strada Architecture LLC	(2) FIRM LOCATION (City and State) Chapel Hill, NC	(3) ROLE Architect, Interior Design
b.	Palacio Collaborative	Durham, NC	Cost Estimating

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 #
3

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
UNIVERSITY OF PITTSBURGH - POSVAR HALL CLASSROOMS Pittsburgh, Pennsylvania	PROFESSIONAL SERVICES 2016-2019	CONSTRUCTION (If applicable) 2017-2019

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER University of Pittsburgh	b. POINT OF CONTACT NAME Ron Leibow	c. POINT OF CONTACT TELEPHONE NUMBER 412.383.1284

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

From dark caverns to contemporary, sunlit classrooms.

Project Cost: \$4,800,000

Project Size: 28,408 sq. ft.



What were once dark, dated and non-accessible spaces in a Brutalist architectural building have now been transformed into modern and flexible learning environments with state-of-the-art technology for students to learn, work and study. The three large existing inefficient & inaccessible tiered-floored classrooms had embodied the nature of the foreboding Brutalist structure with a waffle ceiling slab, zero exterior windows, and dim lighting. Through immersive study of the space and users, the Strada team was able to design solutions to these challenges that exceeded the client's wish list.



Modern classrooms now inspire teachers to use pedagogical best practices to teach in new and different ways. Thoughtfully chosen tables on casters were included for easy reconfiguration in group learning situations. Large expanses of glass inserted into the limestone exterior now help flood the spaces with natural light and exterior views helping energize the quad while simultaneously drawing students into the space. Rightsizing the classrooms allowed us to maximize the use of the allotted space and add additional study and lounge spaces which were not included in the original scope. The classrooms are designed on a new level floor slab, sitting above the tiered floor, with a new through-floor air distribution mechanical system placed in the empty space below.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Strada Architecture PLLC	(2) FIRM LOCATION (City and State) Pittsburgh, PA	(3) ROLE Architect, Interior Design

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 #
4

21. TITLE AND LOCATION (City and State)		22. YEAR COMPLETED	
CARNEGIE MELLON UNIVERSITY - MARGARET MORRISON BREED HALL Pittsburgh, Pennsylvania		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2018-2019	2019
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER	
Carnegie Mellon University	Ralph Horgan	412.268.7280	

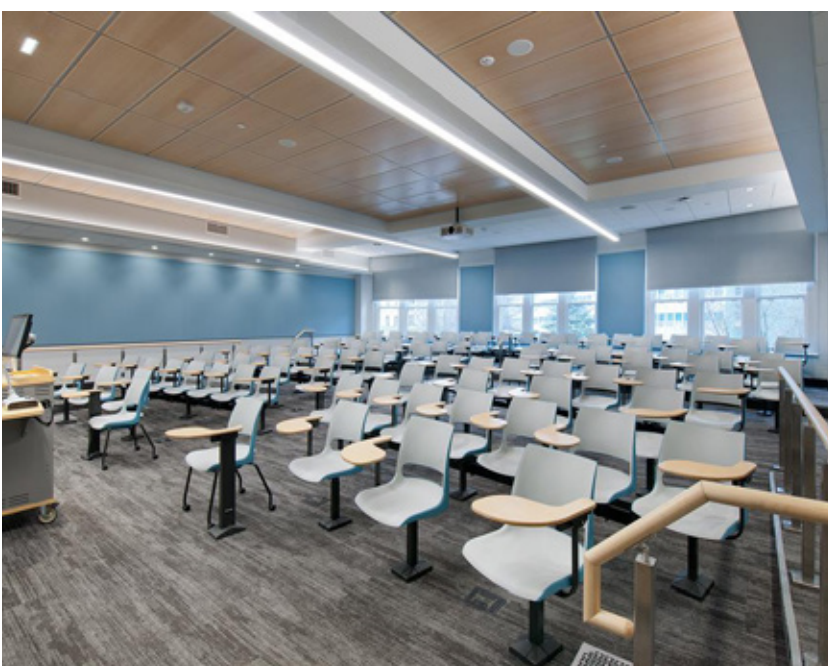
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

<p>Renovating a historic cornerstone of Carnegie Mellon's campus.</p>	<p>Project Cost: \$975,437</p>	<p>Project Size: 3,106 sq. ft.</p>
--	---	---



Strada was tasked with renovating this historic classroom to ensure that it was accessible for all students and improve the quality of education for students attending classes in Breed Hall. In order to do so, our team focused on designing a space that fostered innovative learning, to ensure the classroom was flexible enough to accommodate diverse kinds of learning, such as collaborative and group work, as well as a traditional lecture style configuration.

Acoustics were a big consideration in this space- we wanted to ensure clarity and engagement during class time. The ceiling was fashioned with light maple hardwood panels, acoustically treated for sound absorption and attenuation. The walls were also clad with acoustical assistance, in the form of a light blue fabric wrapped panel. The panels mitigate noise as well as contribute to a soothing, calm color palette. Lecture hall furnishings were thoughtfully curated to offer flexibility and comfort to students. The modern, ergonomic fixed lecture hall seating minimizes student fatigue and is meant for critical listening and observation. The seats rotate 360 degrees, so a student can focus on the blackboard, or swivel to work with classmates seated behind them. Lighting was another major component of the space. Care was taken to ensure lighting levels and dispersion of light was even and balanced. In order to allow some natural sunlight to enter the space, roller shades were installed to allow a percentage of light to enter in, and blackout shades were installed to eliminate glare when required.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
	Strada Architecture PLLC	Pittsburgh, PA	Architect, Interior Design

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 #
5

21. TITLE AND LOCATION (City and State)		22. YEAR COMPLETED	
ROMAN CATHOLIC HIGH SCHOOL - HOWARD CENTER FOR THE ARTS Philadelphia, Pennsylvania		PROFESSIONAL SERVICES 2016-2019	CONSTRUCTION (If applicable) 2018-2019
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER Roman Catholic High School	b. POINT OF CONTACT NAME Reverend Joseph W. Bongard	c. POINT OF CONTACT TELEPHONE NUMBER 215.627.1270	

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

From a nondescript warehouse to a light-filled, modern arts facility

Project Cost: \$5,300,000 | **Project Size:** 23,065 sq. ft.



The Howard Center is a cutting-edge facility for the visual and performing arts at Roman Catholic High School. It is phase I of a four-phase, \$25 million initiative to bring an innovative, 21st-century education to Roman's students. The center now contains gathering spaces, mixed media classrooms, a piano lab, a digital arts studio for instruction in areas such as photography and video, a band room and practice rooms, in addition to offices for instructors on the second floor. Parking is on the first floor.

A major component of the design of the new space is the creation of a black box theater. All performing arts, music, choral, and drama programs now practice, perform, and exhibit their artistic works in this intimate setting. The space is also available to local Philadelphia arts groups.



The existing 1940s, two-story warehouse building presented challenges including a low roof structure and ceilings, limited access to natural light, inefficient HVAC systems and the need to accommodate large scale functions within its existing footprint.

The design team decided to flip the initial program from the first to the second floor to help solve the design challenges. With the program on the second floor, the ceiling structure was left exposed to provide greater volumes. The roof of the structure was lifted in several areas to accommodate the theater and band room. Windows were enlarged and skylights added to flood the building with natural light into the rooms and corridors.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Strada Architecture PLLC	(2) FIRM LOCATION (City and State) Philadelphia, PA	(3) ROLE Architect, Interior Design, Programming

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 #
6

21. TITLE AND LOCATION (City and State)		22. YEAR COMPLETED	
THOMAS JEFFERSON UNIVERSITY - FASHION AND TEXTILES FUTURES CENTER Philadelphia, Pennsylvania		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2016	2016
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER	
Thomas Jefferson University	Tom Becker	215.951.2945	

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

Rethinking spaces for a prestigious Philadelphia fashion program.	Project Cost: \$6,200,000	Project Size: 14,000 sq. ft.
--	-------------------------------------	--



This renovation project presented Strada with the chance to work with a fashion and textile design program ranked amid the top ten in the world. Thomas Jefferson University's Fashion and Textiles Futures Center celebrates the history of this premier program while promoting collaboration-based active learning, research, and practice. Student designs and collections are featured throughout the facility in new transparent displays, interspersed among open design studios and fabrication labs, and computer labs, creating a constantly rotating exhibit of the department's output. The flexible learning environment also enhances partnerships with industry leaders to more closely connect students to current and future career opportunities.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
	Strada Architecture PLLC	Philadelphia, PA	Architect, Interior Design

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 #

7

21. TITLE AND LOCATION (City and State)

22. YEAR COMPLETED

UNIVERSITY OF PITTSBURGH - SUTHERLAND HALL
Pittsburgh, Pennsylvania

PROFESSIONAL SERVICES
2016-2017

CONSTRUCTION (If applicable)
2017

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER
University of Pittsburgh

b. POINT OF CONTACT NAME
Ron Leibow

c. POINT OF CONTACT TELEPHONE NUMBER
412.383.1284

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

Mixing a complex program to create a refreshed student experience.

Project Cost:
\$1,950,000

Project Size:
7,300 sq. ft.



Located on Pitt's upper campus, Sutherland Hall is home to 740 first-year students. The Strada team collaborated with Pitt to transform an outdated common space and 1980s coffee shop into an oasis of social interaction for students, faculty and staff. The project included a student services office and a more accessible market for upper campus.

Throughout the process, we discovered the existing structure did not support the floor penetrations necessary for drainage and equipment. Working closely with the engineers and food services, we overcame this issue. Another notable challenge was the tight summer timeline and the need to keep the entry functional for summer campers to access adjacent areas of the building, while under construction. Spatially, we were able to fit many complex program elements into the space, while meeting each of their needs.

Sutherland Hall is the front door to Pitt's upper campus, and the new design enhances this first impression. Natural materials like wood cladding, glass, and ceramic comfort visitors, while playful mosaic tiles and unique light fixtures bring young, quirky vibes. The study nooks and powered furniture provide flexibility and support collaboration. Filled with natural light and color, this space has become the hub for social engagement on the upper campus.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Strada Architecture PLLC	Pittsburgh, PA	Architect, Interior Design

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 #
8

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
SHADY SIDE ACADEMY - GLIMCHER TECH & DESIGN HUB Pittsburgh, Pennsylvania	PROFESSIONAL SERVICES 2017-2019	CONSTRUCTION (If applicable) 2018-2019

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Shady Side Academy	b. POINT OF CONTACT NAME Paul Francioni	c. POINT OF CONTACT TELEPHONE NUMBER 412.513.7819

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

Dynamic hands-on maker space for exploration, creativity, & innovation.

Project Cost:
\$3,200,000

Project Size:
12,000 sq. ft.



The Shady Side Academy Glimcher Tech & Design Hub, a dynamic facility dedicated to innovation, creativity, technology and design, opened at the Senior School in September 2019. The 12,000 SF space includes three primary areas: a Fabrication and Robotics Wing with Maker Spaces, a Computer Science Wing and a Café for students and teachers to gather, socialize & connect.

Converting the Academy's basement level chemistry, biology and science labs for the entire campus into a new hands-on maker space was a challenge from the start. Bringing in natural light and creating an open, flexible and inviting space required some innovative site modifications to make this space a desirable location.



Engaging and working with key faculty, students, donors and facility professionals we worked through a comprehensive planning process as a team. Working closely with the stakeholders in developing ideas, assessing program and relationships of spaces as well as what unique technology could be brought to make this an exceptional learning environment. Budget was a driving force to keep the space simple, clean and easy to maintain.

The final solution was derived by achieving the many goals of the project as well as the unique and connected learning spaces that was desired by multiple educational objectives.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Strada Architecture PLLC	(2) FIRM LOCATION (City and State) Pittsburgh, PA	(3) ROLE Architect, Interior Design

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 #

9

21. TITLE AND LOCATION (City and State)		22. YEAR COMPLETED	
DREXEL UNIVERSITY - EXCITE CENTER Philadelphia, PA		PROFESSIONAL SERVICES 2016-2017	CONSTRUCTION (If applicable) 2016-2017
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER Drexel University	b. POINT OF CONTACT NAME Kimberly Miller	c. POINT OF CONTACT TELEPHONE NUMBER 215.895.6896	

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

Open and flexible spaces encourage cross-disciplinary exploration.

Project Cost: \$925,000 | **Project Size:** 13,683 sq. ft.



As new technologies give rise to new forms of creative expression, artistic visions are driving the development of new technologies. In response, the ExCITE Center is spearheading research and re-inventing education that blurs the lines between science, technology, engineering, art, mathematics and creative expression.

At once a research center, educational program and resource hub for the local digital creative economy, ExCITE houses sound stations, computer stations, meeting spaces, and the Shima Seiki Haute Technology Lab, which features Shima Seiki whole garment knitting machines. Located on the first floor of 3401 Market Street, the ExCITE Center bears little resemblance to the dark, cubicle offices that it replaced. Instead the 13,600 sq. ft. open loft-like space projects an industrial vibe that recalls the building's original use as a paper warehouse. Infilled bays have been replaced by soaring windows that allow abundant light and inspiring views of the street beyond.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Strada Architecture PLLC	(2) FIRM LOCATION (City and State) Pittsburgh, PA	(3) ROLE Architect, Interior Design

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 #
10

21. TITLE AND LOCATION (City and State)		22. YEAR COMPLETED	
UNIVERSITY OF PITTSBURGH - CATHEDRAL OF LEARNING DEPARTMENT OF COMMUNICATION Pittsburgh, PA		PROFESSIONAL SERVICES 2016-2020	CONSTRUCTION (If applicable) 2017-2020
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER University of Pittsburgh	b. POINT OF CONTACT NAME Ron Leibow	c. POINT OF CONTACT TELEPHONE NUMBER 412.383.1284	

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

Adapting a historic structure for modern offices and student spaces.

Project Cost:
\$1,950,000

Project Size:
9,900 sq. ft.



The study of communication is one of the oldest, and yet one of the most contemporary of fields. Communication majors examine important questions about communication in society, civic engagement, and persuasion in a way that combines the best of the ancient liberal arts tradition with the critical attention to the newest media technologies.

Strada worked with the University of Pittsburgh and the Department of Communication to renovate the 14th Floor of the historic Cathedral of Learning which includes common lobby space, a restroom renovation and the Arts & Sciences Communication Departmental suite space totaling an approximate 9,900 sq. ft. The Departmental suite included workstations, private offices, conference room, and a kitchenette for faculty, staff, graduate students and student groups.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Strada Architecture PLLC	(2) FIRM LOCATION (City and State) Pittsburgh, PA	(3) ROLE Architect, Interior Design, Planning

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

26. NAMES OF KEY PERSONNEL <i>(From Section E, Block 12)</i>	27. ROLE IN THIS CONTRACT <i>(From Section E, Block 13)</i>	28. EXAMPLE PROJECTS LISTED IN SECTION F									
		1	2	3	4	5	6	7	8	9	10
Strada Bronwyn Charlton AIA	Project Manager Senior Associate	•	•								
Strada Alan J. Cuteri AIA, LEED AP BD+C	Principal-in-Charge		•	•	•	•		•	•		•
Strada Murray Kamara	Architectural Designer	•	•			•	•			•	
Strada Sarah Mitchell	Interior Designer	•	•	•							
SKA Engineering	MEP	•									
Palacio	Cost Estimator	•	•								

Strada and SKA

Strada and SKA completed our first project together, the renovation of the historic RJ Reynolds Building in Winston Salem, in 2014. Since opening our studio in Chapel Hill, our relationship has grown.

Currently, we have 4 projects in progress with SKA; two of these projects are State awarded projects.

PROJECTS IN PARTNERSHIP WITH SKA

- UNCG Cone Art Building Renovation - Weatherspoon Art Museum**
- NCSU Vet Med Renovation**
- Wake Tech Office Renovation**
- Longfellow Laboratory Renovation**
- Shoppes at Knightdale Facade Refresh**
- Burlington Tenant Fit-Out**
- HomeGoods Tenant Fit-Out**
- Cardinal Hotel and Residences - RJ Reynolds Building**

29. EXAMPLE PROJECTS KEY

TITLE OF EXAMPLE PROJECT *(From Section F)*

1	UNIVERSITY OF NORTH CAROLINA GREENSBORO - WEATHERSPOON ART MUSEUM RETROFIT <i>Greensboro, North Carolina</i>	6	THOMAS JEFFERSON UNIVERSITY - FASHION AND TEXTILES FUTURES CENTER <i>Philadelphia, Pennsylvania</i>
2	NORTH CAROLINA STATE UNIVERSITY, NELSON HALL <i>Raleigh, North Carolina</i>	7	UNIVERSITY OF PITTSBURGH - SUTHERLAND HALL <i>Pittsburgh, Pennsylvania</i>
3	UNIVERSITY OF PITTSBURGH - POSVAR HALL CLASSROOMS <i>Pittsburgh, Pennsylvania</i>	8	SHADY SIDE ACADEMY - GLIMCHER TECH & DESIGN HUB <i>Pittsburgh, Pennsylvania</i>
4	CARNEGIE MELLON UNIVERSITY - MARGARET MORRISON BREED HALL <i>Pittsburgh, Pennsylvania</i>	9	DREXEL UNIVERSITY - EXCITE CENTER <i>Philadelphia, Pennsylvania</i>
5	ROMAN CATHOLIC HIGH SCHOOL - HOWARD CENTER FOR THE ARTS <i>Philadelphia, Pennsylvania</i>	10	UNIVERSITY OF PITTSBURGH - CATHEDRAL OF LEARNING DEPARTMENT OF COMMUNICATION <i>Pittsburgh, Pennsylvania</i>