

LETTER OF INTEREST

December 12, 2019

South Piedmont Community College
680 Hwy. 74W
Polkton, NC 28135
Attn: Thomas Suggs

adwarchitects
environmentsforlife
architecture planning interiors

ADW Architects, P.A. is pleased to submit this letter of interest to you for your consideration of our firm to provide architectural and engineering design services on the OCH Campus Building Renovations. We would very much like to work with South Piedmont Community College. We have worked with 11 different community colleges and we truly enjoy getting to know new clients and colleges.

Everything we do is inspired by our belief that spaces shape our lives. Listening and leading with passion, a collaborative spirit, and innovative design solutions, we partner with our clients to transform their visions into meaningful environments... for life.

Unparalleled customer service begins with listening to our clients' needs and ideas. Listening and leading with over 40 years of research, experience, and innovations, we offer a proactive approach to insure a project is delivered on time and on budget. We employ a personal touch to providing services that exceed our clients' expectations. The results are projects that reflect the goals and aspirations of our clients while creating environments that respond to and positively contribute to the community ... for life.

ADW is a professional corporation established in 1977. We have a staff of 40 people, including 21 licensed architects and we are organized in teams. Each team includes a managing principal, project manager, supporting architects, interior designer, and construction contract administrator. Our team approach allows us to provide quality services in a timely fashion. Because we are a team-oriented company, we are able to give the quality service and personal attention of a small company. Our managing principal on this project would be Jim Powell, who has over 34 years of experience. Our project manager, Phillip Steele, has worked extensively on community college projects.



In conclusion, we believe ADW Architects excels in 5 areas:

- *Our firm's commitment to design excellence & staying with-in budget*
- *Our firm's commitment to meeting & exceeding our clients goals & objectives for each project.*
- *Highly experienced working with community colleges*
- *Highly experienced in designing buildings to match any & all campus "styles" of architecture. We are well versed in historical styles, contemporary architecture, and everything "in-between" those styles.*
- *We offer leadership, experience and expertise in a friendly and professional manner. We are committed to providing a high level of "customer service." Please check our references.*

We appreciate your consideration of ADW Architects and would look forward to an opportunity to further present our qualifications.

Sincerely,

A blue ink signature of Jim Powell, consisting of stylized initials and a surname.

Jim Powell, AIA
Managing Principal
jpowell@adwarchitects.com

A blue ink signature of Phillip Steele, featuring a large, looping initial 'P' followed by the surname.

Phillip Steele
Senior Principal
psteele@adwarchitects.com

Six Coliseum Centre
2815 Coliseum Centre Drive, Suite 500
Charlotte, NC 28217
704.379.1919 (t)
704.379.1920 (f)

www.adwarchitects.com

1 | SPECIALIZED OR APPROPRIATE EXPERTISE IN THE TYPE OF PROJECT

ADW Architects has established a working relationship with many of community colleges. We believe that the buildings and spaces that make up higher education institutions significantly impact the learning experience. Not only do college campuses enhance the economic and cultural spirit of a community, they also provide an affordable and flexible environment to advance a diverse student population to attain their educational and career goals. We have broad experience, ranging from master planning, programming, and facilities needs assessments, to student centers, workforce development labs and classroom buildings. We believe in designing buildings and campuses that play a vital role in accelerating students to become significant contributors to society.



Richmond Community College
Student Services Renovations
Hamlet, North Carolina

ADW Architects is working with RCC to design their new 19,000 s.f. Student Success Center and a 5,000 s.f. Grab-n-Go Café/Dining Facility. These two projects are located in two separate buildings on campus and were designed simultaneously. The Student Success Center includes a Testing Center, Computer Lab, Financial Aid, Advisor and Registrar Offices along with an area to "Showcase" the Career Center. At the Grab-n-Go Café/Dining Facility students can either sit down and eat their food in a state of the art dining area provided with USB ports, WI-FI and TV monitors or they can grab a meal and take it to go.



Central Piedmont Community College
Merancas Campus Phase IV
Huntersville, North Carolina

ADW was selected to design a new classroom building to serve the curriculum offered at the Merancas Campus in Huntersville, NC. Approximately 65,000 s.f. of space will be added including classrooms, library, a Barnes & Noble College Bookstore, Student Services, Auxiliary Services, and customized labs for the campus' Transport Systems, Fire Protection, and Public Safety training and education programs. Programming began in 2017. This project is using the CM Agent project delivery method.



Central Piedmont Community College
Cato Campus Phase II Addition & Renovation
Charlotte, North Carolina

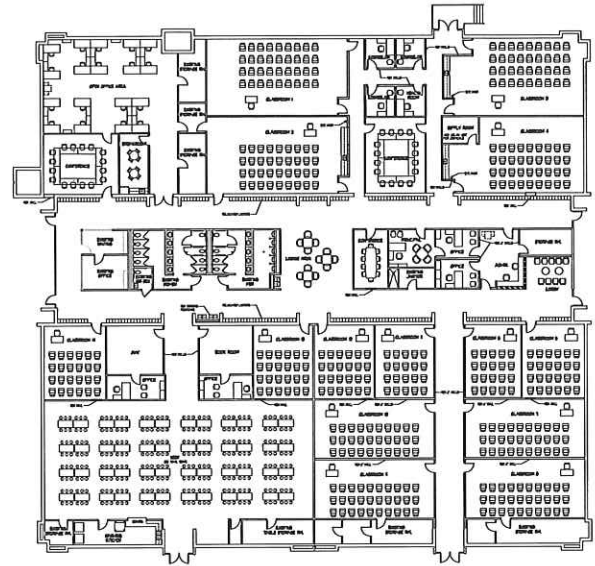
ADW Architects teamed with Neighboring Concepts to design this 3-story, 50,000 s.f., addition to the Northeast Campus of Central Piedmont Community College. The addition included different types of classrooms, administration, library, laboratory space, student services space, and horticultural support space. This building was designed to fit-in with and enhance the existing campus facilities. This project also involved renovations to the existing building. ADW Architects led the design and is the architect of record.

2008 Outstanding Design: Post-Secondary American
School and University



✓ **Catawba Valley Community College**
Student Center Renovation
Hickory, North Carolina

ADW Architects designed the new 22,000 s.f. renovation and addition to an existing furniture technology facility that has transformed this existing building into an new Student Center and Bookstore on CVCC's main campus. This project involved workshops with college stakeholder groups to help define the program of spaces and also define current and future changes in how Community College Student Centers serve their clientele. The building houses a bookstore, cafe, cafe dining area, musical performance area, movie presentation area, reading and study area, student engagement offices and conference space, career center including offices and conference/training room, and support space. The project also includes a new addition creating a more identifiable entry for this facility. ADW also provided furniture design services for this project.



Catawba Valley Community College
Challenger Early College High School Building
Renovation
Hickory, North Carolina

ADA is currently working on a renovation project with CVCC to convert the existing Engineering building into their Challenger Early College High School department. The study focuses on adding Classrooms, Faculty Offices, Conference Rooms and the "Nest" in order to consolidate all of their Early College High School programs into one 31, 000 s.f. facility.



Catawba Valley Community College
Corporate Development Center Renovations
Hickory, North Carolina

Adjacent to CVCC's existing campus, a building that once housed a restaurant (Ryan's Steakhouse), was renovated for the College's Continuing Education Department. Almost all of the 10,800 square feet of interior space was demolished, leaving only the structure, exterior envelope, and a portion of the plumbing. This facility now houses three specific programs – a Small Business Resource Center, assembly and instructional space for the local business community, and Industry Training for the instruction of robotics, mechatronics, and programmable logistics controllers (PLC). Infrastructure and planning of the Industry Training spaces were designed to accommodate educational needs for the constantly evolving trends in the local workforce.

1 | SPECIALIZED OR APPROPRIATE EXPERTISE IN THE TYPE OF PROJECT



Catawba Valley Community College
East Campus Testing Center Renovation
Hickory, North Carolina

ADW Architects designed a new College Testing Center within existing space on CVCC's Campus. The project involved renovating approximately 6,000 square feet within a space originally constructed in the 1960s. The new Testing Center included three testing rooms of differing sizes equipped with various audio/visual infrastructure to achieve the flexibility necessary to accommodate a multitude of tests, while meeting the instructional standards required to proctor each test. Individual testing carrels have been included to meet the needs of specialized testing and disability instruction. Reception, staff offices, waiting space, restrooms, and other support spaces have also been designed as part of this project.



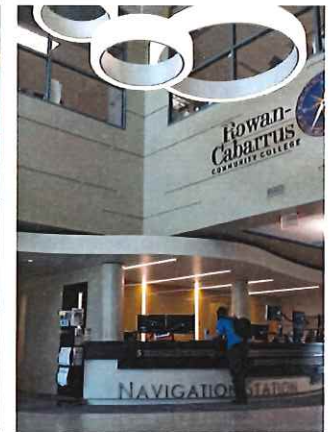
Gaston College
Pharr Trade & Industrial Building Renovations
Dallas, North Carolina

ADW Architects worked with Gaston College to renovate the existing 44,000 s.f. Pharr Trade and Industrial Building. Phase 1 included the expansion and renovation of 16,000 s.f. and includes the advanced machining center lab, welding lab, classrooms, offices, toilets, electrical and mechanical system upgrades and an addition of approximately 4,000 s.f. of covered storage to the building exterior. Phase 2 included the renovation of the remaining 28,000 s.f., which included the expansion to the HVAC department, offices, automotive classroom and entrance canopies.



Rowan Cabarrus Community College
Student Services Renovations
Concord, North Carolina

ADW Architects design the Building 1000 Student Services Renovation project on RCCC's South Campus. After completing the smaller Information Desk project for Student Services in 2005, RCCC is undertaking a more comprehensive re-design of their Student Services encompassing the full 12,300 s.f. department. This department is comprised of Financial Aid, Admissions, Records/Registration, Advising, Counseling, and Testing. The new design provides a single location for prospective and current students to manage their transactions with the college revolving around their "One-Stop" process, which includes interactive digital kiosks, computer terminals for student registration, and a "Navigation Station" help desk.



Horry-Georgetown Technical College
Georgetown Advanced Manufacturing Center
Georgetown, South Carolina

The design of the new 30,000 s.f. facility is very flexible with each department. Any lab space could be easily converted to another department in the future. The building includes the following spaces; computer classrooms, offices, welding lab/shop areas, machining & CNC lab/shop area, mechatronics/PLC lab, locker areas, break room and a conference room. It will also include tool crib/storage rooms, mechanical room, sprinkler riser room and an open main lobby area for students and businesses to gather and view the open labs.

ADW is very experienced in working with community colleges. Please contact our references to learn more about us and the level of service we can provide you.

Catawba Valley Community College

Wes Bunch, Senior VP of Business Affairs
828.327.7000 ext: 4271; wbunch@cvcc.edu

Gaston College

Cynthia McCrory, VP for Finance, Operations & Facilities
704.922.6405; mccrory.cynthia@gaston.edu

Horry Georgetown Technical College

Harold N. Hawley, CPA Vice President, Chief Financial Officer
843.349.5279; Harold.Hawley@hgtc.edu

Richmond Community College

Brent Barbee, MPA
Executive Vice President & CFO
910.410.1809; btbarbee@richmondcc.edu

Central Piedmont Community College

Vicki Saville, AIA, ASLA, LEED AP BD&C
Associate Vice President of Facilities & Construction
704.330.6224; Vicki.Saville@cpcc.edu

3 | ADEQUATE STAFF AND PROPOSED DESIGN OR CONSULTANT TEAM FOR THE PROJECT

ADW has a staff of 40 people, including 22 licensed architects, 5 construction administrators, 3 interior designers, and several design and specialty support staff members. We have organized our most talented and experienced personnel to fill each position on our project team.



Jim Powell, AIA

Managing Principal

Jim is a well-rounded architect with 34 years of experience, all at ADW, in all phases of practice. His experience and leadership abilities make him well qualified to lead our Project Team. As the managing principal he is responsible for overall project quality control. He establishes the schedules, makes personnel assignments, monitors progress, and reviews design documentation.

Representative projects:

Catawba Valley Community College Challenger Renovation
Catawba Valley Community College Workforce Solutions Complex (LEED Silver)
Catawba Valley Community College Student Center Renovation
Catawba Valley Community College Campus Security & Office Renovation
Catawba Valley Community College - Alexander Center Renovation
Cleveland Community College Master Plan
Davidson County Community College Aquarium Lab Renovations
Davidson County Community College Maintenance Building
Gaston College Pharr Trade and Industrial Building Renovation and Addition - Phase I & Phase II
Gaston College Cosmetology School Renovation
Richmond Community College Student Success Center, Grab & Go Cafe/Dining
Rockingham Community College Center for Workforce Development
Rowan Cabarrus Community College South Campus Bldg 1000 Student Services Depart. Renovation
Robeson Community College Law Enforcement Building
Central Piedmont Community College Merancas Campus Phase IV Classroom Building
Central Piedmont Community College Cato Campus Phase II Classroom Bldg.

Education

Bachelor of
Architecture from the
UNC at Charlotte

Registration

North Carolina 5454

Organizations

Member of the
American Institute of
Architects



Phillip Steele

Senior Principal/Project Manager/Designer

Phillip has over 24 years of experience in all phases of practice. As a project manager he is responsible for working on all phases of a project from programming through construction documents, coordinating with engineers, and managing schedules and budgets. He has been with ADW since 2007.

Representative projects:

Catawba Valley Community College Challenger Renovation
Catawba Valley Community College Workforce Solutions Complex
Catawba Valley Community College Student Center Renovation
Catawba Valley Community College Campus Security & Office Renovation
Catawba Valley Community College Campus ADA Improvements
Catawba Valley Community College West Wing Toilet Renovations
Catawba Valley Community College PAAP Building Renovation
Catawba Valley Community College Campus Master Plan
Richmond Community College Student Success Center, Grab & Go Cafe/Dining
Rockingham Community College Center for Workforce Development
Robeson Community College Law Enforcement Building
Cleveland Community College Master Plan
Gaston College Pharr Trade and Industrial Building Renovation and Addition - Phase I & Phase II
Gaston College Facilities Master Plan
Horry Georgetown Technical College Georgetown Campus Advanced Manufacturing Center
Davidson College 210 Delburg Small Business Incubator (LEED Gold)

Education

Bachelor of
Architecture from Kent
State University

LETTER OF INTEREST

SOUTH PIEDMONT COMMUNITY COLLEGE
OCH CAMPUS BUILDINGS RENOVATIONS

3 | ADEQUATE STAFF AND PROPOSED DESIGN OR CONSULTANT TEAM FOR THE PROJECT



Jonathan Koricke, RA

Associate/Project Architect

Jonathan joined ADW Architects in 2004 as a project architect. He brings over 30 years of experience in designing and detailing college and university facilities, office buildings, educational and civic projects. He works closely with the owner, partner, consulting engineers, and all other team members to achieve project goals.

Representative projects:

Catawba Valley Community College Workforce Solutions Complex (LEED Silver)
 Central Piedmont Community College Cato Campus Phase II Classroom Bldg.
 Rowan Cabarrus Community College South Campus Bldg 1000 Student Services Depart. Reno.
 Rowan Cabarrus Community College Signage
 Rowan-Cabarrus Community College South Campus Bldg 1000 Bookstore
 Rowan-Cabarrus Community College South Campus Bldg 1000 Toilet Rooms
 Richmond Community College Student Success Center, Grab & Go Cafe/Dining
 Rockingham Community College Center for Workforce Development
 Robeson Community College Law Enforcement Building
 Davidson College 210 Delburg Small Business Incubator (LEED Gold)

Education

Bachelor of
 Architecture from
 Carnegie Mellon
 University

Registration

New York 022518



Christal Bostian, NCIDQ

Senior Associate/Director of Interior Design

Christal brings 36 years of experience in commercial interior design. Her project focus includes educational facilities, government projects, corporate offices, entertainment facilities, and faith based projects. Her involvement begins with conceptual planning and works through the accessorizing of a facility prior to moving in. The levels of service she can provide on projects include space planning, interior building finish selections and specifications, furnishings selections and specifications, accessorizing and move management services. She has been with ADW since 1999.

Education:

Associates of Arts in
 Interior Design from
 the Art Institute of
 Atlanta

Registration

National Council for
 Interior Design
 Qualifications #6627

Representative Projects:

Catawba Valley Community College Workforce Solutions Complex (LEED Silver)
 Catawba Valley Community College Student Center Renovation
 Catawba Valley Community College Corporate Development Center Renovation
 Central Piedmont Community College City View Center for Cosmetology Renovation
 Central Piedmont Community College Cato Campus Phase II Classroom Bldg.
 Gaston College Cosmetology School Renovation/Upfit
 University of North Carolina at Greensboro Campus Police Facility
 University of North Carolina School of the Arts Central Storage Facility



John Kappers, RA, NCARB, CSI, CCCA Principal/Director of Construction Contract Admin.

John has 27 years of experience with educational, governmental, office, retail, & religious projects. His experience as a designer, detailer, and coordinator give him a unique understanding of the construction process. His duties include the coordination of effects by the construction team, construction observation, interpretation of the construction contract, certification of payments, reviewing of construction submittals, and recommendations as to modifications to the contract when necessary. He is also experienced and well-versed in all North Carolina State Construction policies and procedures. He has been with ADW since 1994.

Education: Bachelor
 of Architecture from
 the University of
 Cincinnati

Registration

South Carolina 04672

Organizations

Member of The
 Construction
 Specifications Institute
 (CSI)

Representative Projects:

Catawba Valley Community College Workforce Solutions Complex (LEED Silver)
 Catawba Valley Community College Student Center Renovation
 Catawba Valley Community College Corporate Development Center Renovation
 Catawba Valley Community College Alexander Center Renovation
 Catawba Valley Community College East Campus Testing Center Renovation
 Central Piedmont Community College Cato Campus Phase II Classroom Bldg.
 Central Piedmont Community College City View Center for Cosmetology
 Gaston College Pharr Trade and Industrial Building Renovation and Addition Phase I & Phase II
 Gaston College Cosmetology School Renovation/Upfit
 Horry Georgetown Technical College Georgetown Campus Advanced Manufacturing Center

SITE/CIVIL ENGINEERING & LANDSCAPE ARCHITECTURE CONSULTANT

ALFRED BENESCH & COMPANY (BENESCH)

2359 Perimeter Pointe Parkway, Suite 350
Charlotte, NC 28208
704.521.9880



Alfred Benesch & Company is a multi-disciplined engineering and professional services firm. Since 1946, Benesch has successfully completed thousands of design and engineering projects throughout the United States. Our Charlotte office specializes in providing civil engineering and landscape architectural services to a variety of public agencies, private developers and owners property throughout the region. Benesch has a solid working relationship with ADW Architects, having worked with them for over 20 years on a variety of project types.

STRUCTURAL ENGINEERING CONSULTANT

LAURENE, RICKHER & SORRELL, P.C.

8701 Red Oak Blvd, Suite 500
Charlotte, NC 28217
704.522.0495



Laurene, Rickher & Sorrell, P.C. has been in business for over thirty years. The firm is incorporated as a Professional Corporation in the state of North Carolina and maintains certificates of authorization to practice as a corporate entity in several other states. They carry engineering registrations in 13 states. Their firm is comprised of a small group of professionals that has worked together for a number of years. They communicate daily about all projects. They hold weekly scheduling meetings where the discussion centers on current projects and any challenging issues that may exist on any project.

MECHANICAL, ELECTRICAL AND PLUMBING ENGINEERING CONSULTANT

OPTIMA ENGINEERING

1927 S. Tryon Street, Suite 300
Charlotte, NC 28203
704.338.1292



Optima is recognized as a regional leader in sustainable engineering and innovative and progressive design solutions. They integrate the latest technology into their designs for the built environment's growing need for efficient, future-ready buildings, thus fulfilling their passion: design buildings that use less resources while enhancing the occupant experience. They have an in-depth knowledge of how buildings use energy and can help project owners come up with cost effective solutions to minimize energy use within the building. They understand how escalating energy costs can seriously affect the life cycle cost of the building and work early in design to find the most cost-effective solutions not just as far as upfront cost, but throughout the life of the facility. Their mission is to provide high performance, sustainable, efficient engineering design for all building types, so that owners and occupants will consume fewer resources while maintaining high quality buildings. Optima has worked with ADW Architects for over 20 years. *South Piedmont Community College Project Experience: Tyson Family Center for Technology; Bealer Building Renovations – Phase I & II; Economic Development Office; STEM Building*

PROFESSIONAL COST ESTIMATING CONSULTANT

R.M. RUTHERFORD & ASSOCIATES, INC. – (SBE)

3328 Mill Pond Road
Charlotte, NC 28226
704. 556.9725

R.M. Rutherford & Associates, Inc. was established in 1995 to provide construction cost estimating and construction consulting services to architects, building owners and developers, and general contractors. Services provided include owner representation during the preconstruction and construction of projects and cost estimating and cost consulting from the beginning of conceptual drawings thru construction document completion. To date, the firm has been involved in over eighteen hundred projects ranging in cost from \$25,000 to \$650,000,000. ADW has been working with RMR for over 15 years.

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SOUTH PIEDMONT COMMUNITY COLLEGE
OCH CAMPUS BUILDINGS RENOVATIONS

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4 | CURRENT WORKLOAD AND STATE PROJECTS AWARDED

ADW has worked on over 25 North Carolina State Construction projects. We understand the process and requirements involved with State Construction projects. Our workload is such that we can definitely handle this project. Our firm size and team concept allows us to adjust the size of our project teams if needed in order to meet tight deadlines.

ADW's identified project team's current workload includes:

Gaston College - Building Assessment

Richmond CC - Renovations - *in construction*

Rockingham CC - AMC - *in design*

CVCC Challenger Renovations - *in design*

Robeson CC - Law Enforcement - *in programming*

5 | PROPOSED DESIGN APPROACH FOR THE PROJECT INCLUDING DESIGN TEAM & CONSULTANTS

ADW uses a "customer service based" design approach. This means that our design services entail working with our clients to discover their specific goals and objectives for their project, and gearing our design approach to meet those goals. We employ a 7 step process to get our projects off to a good start as follows:



Step 1: Meet with the College's project team and stakeholder groups, define the program and project scope, and discuss project budget. Also visit site to review site parameters and concerns.

Step 2: Complete a workshop process with the College's project team and stakeholder groups to establish the written program of needs for the project. This process is collaborative, involving the Owner's project team through each step of the programming process.

Step 3: Formulate initial design concepts to achieve the College's program and budget objectives, via plans, sketches and 3-D analysis, and provide cost estimation for these concepts.



Step 4: Thoroughly review initial concepts with our engineering team to analyze and think through how our the concepts would work, also looking at life cycle and operating costs.

Step 5: Present viable concepts to the College's project team and refine the designs based on feedback.

Step 6: Continue to work with the College to study both the pros and cons to each concept and option, all the while keeping a watchful eye on the original goals, objectives, and budget. Modify our design concepts and our cost estimates based on College feedback.

Step 7: Provide a synopsis of the design concept deemed the best in meeting the College's goals and objectives using the following criteria:

- Programming and project scope objectives met
- Budget objectives met
- Overall project schedule met
- College's goals and objectives met

Further Steps...

We then move forward into the development of the design and detailing of the project through the typical phases of design and construction for a NC State Construction project.

RECENT EXPERIENCE WITH PROJECT COSTS AND SCHEDULES | 6

ADW Architects has an excellent track record of keeping our projects within budget and on schedule. ADW Architects takes project scheduling very seriously. In order to ensure a project moves smoothly through all phases, an overall project delivery schedule is formulated early in the design process. This schedule is continually updated and reviewed, so all project team members clearly understand what needs to be done and when it needs to get accomplished.

At **ADW**, keeping the project in budget is of paramount importance. We have worked with R.M. Rutherford & Associates, a professional cost-estimating consultant, for over 15 years to provide our clients with up to date cost estimates at every phase of the project. The best way to verify our performance is to check our references.

Richmond Community College - Student Services Renovations

Size: 24,000 s.f. renovation
Original Project Budget: \$6,095,000
Final Construction Cost: \$5,575,661
Completion: October 2020 (est.)



Catawba Valley Community College - Student Center

Size: 22,000 s.f. renovation and addition
Original Project Budget: \$2,787,123
Final Construction Cost: \$2,658,279
Completion: January 2011



CONSTRUCTION ADMINISTRATION CAPABILITIES | 7

ADW Architects is very experienced in providing quality construction administration services to our clients. In our opinion, it is crucial that the entire design team, including architects and engineers, be involved in the construction administration process. The design team must work cohesively with the contractor to take two-dimensional drawings and create a three dimensional facility.

ADW has its own in-house construction administrators who work closely with the design team and owner or owner representative(s). The Construction Contract Administration department is involved in all design projects within the company. This department's involvement starts during the design phase to ensure the design incorporates practical knowledge from construction experience. This method also ensures continuity from design through construction so the physical work can be reviewed effectively for quality and consistency. Our construction administrators also get involved early in the design phase so the project flows smoothly from construction documents to bidding and into construction.



Site visits during the construction administration phase are provided by the firm's construction administrators, team members, and consulting engineers. We schedule weekly site visits, but we visit the project site more often as needed. We understand the timeliness needed to complete site visits, get owner approvals, write reports and respond to requests by the owner and the contractors.

Final "punch-out" and owner orientation to building systems is also an important step to the process. We make sure closeout information items such as maintenance procedures, warranty information, and record drawings are fully communicated to our clients. We stay involved in our projects even after construction is complete, helping clients work through issues that sometimes arise years after construction is complete.

PROXIMITY TO AND FAMILIARITY WITH THE AREA WHERE THE PROJECT IS LOCATED | 8

ADW Architects has completed work throughout the Carolinas, from the mountains to the coast. We make sure travel distance is not a problem for our clients. We have one office in Charlotte, which is less than 30 miles from OCH Campus of South Piedmont Community College. We have extensive experience working in the vicinity of the OCH Campus.

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9 | RECORD OF SUCCESSFULLY COMPLETED PROJECTS WITHOUT MAJOR LEGAL OR TECHNICAL PROBLEMS

ADW has an excellent 42 year track record of completed projects without major legal or technical problems.

10 | OTHER FACTORS WHICH MAY BE APPROPRIATE FOR THE PROJECT

SCO EXPERIENCE - **ADW** Architects has worked on over 25 SCO projects. We fully understand SCO's design and construction contracts, forms and other required contract documents. We understand and are well versed in the submittal process to SCO. We are also very experienced in working through construction with SCO monitors. Our core team members are well versed in what it takes to successfully complete both SCO projects and college projects. College projects are special, as they require not only an understanding of SCO procedures and policies, but they also require knowledge of the many layers of approvals needed within colleges themselves. College projects also require experience in working with many different stakeholder groups.

MINORITY AND WOMEN OWNED BUSINESS INVOLVEMENT - **ADW** Architects strongly encourages and supports the involvement of Historically Underutilized Businesses (HUB), Minority/Woman Owned businesses (M/WBE), and Small Business Enterprise (SBE) businesses on our projects. We historically average 1/3 (33%) minority participation for civil, structural, mechanical, electrical, and plumbing engineering sub consultants on our projects.

✓ **BIM & 3-D MODELING** - We use Building Information Modeling (BIM) as a tool for a whole building design approach, or Integrated Project Delivery (IPD). In this process, project goals and major design decisions are developed early and agreed upon by all members of the project team, generally including the owner's representatives, users, designers and consultants, and the contractor and subcontractors. The BIM model is a platform for collaboration throughout the project's design and construction - a constantly evolving database of design, fabrication information, and project management logistics. This collaboration can maximize efficiency and reduce the potential for delay resulting from significant changes late in the design process, as well as minimize cost-impacting modifications during construction. BIM, along with early and constant involvement of all disciplines and trades, aids in bringing concerns and possible conflicts to the forefront well before they would surface in the field. All user comments are incorporated into the BIM model when they are received to ensure inclusion in the final design documents. It has been our experience that an integrated design approach utilizing BIM as collaboration tools typically capture potential construction and design problems in design. This enables us to identify issues and take corrective action with little cost, schedule, or material impacts to the project.



✓ **PHOTO-REALISTIC RENDERING** - We use Trimble Sketchup in tandem with various types of photo-realistic rendering software to create lifelike images. These renderings help us communicate our vision to the client as well as provide an accurate portrayal of materials, finishes, lighting, solar orientation, etc. By using photo-realistic rendering as a design tool, the client and design team are able to make design decisions much more easily and earlier in the design process.

LEED EXPERIENCE - **ADW** Architects also believes in a holistic approach to sustainability. We have been employing Green Building principles in our projects for years. We have registered LEED projects and others that have followed LEED principles that we term "Green Build" projects. These ADW projects are designed with LEED as a guide and they range from up-fits to large-scale developments. We have one (1) LEED AP BD+C, four (4) LEED AP and two (2) LEED Green Associates on staff.


ADW Architects designed/designing the following projects LEED certified:

CVCC Workforce Solutions Complex - Hickory, NC (LEED Silver); UNC at Greensboro, Campus Police - Greensboro, NC (LEED Silver); Davidson College 210 Delburg Small Business Incubator - Davidson, NC (LEED Gold); Statesville Road Elementary School - Charlotte, NC (LEED Certified); Charlotte Fire Station No. 42 - Charlotte, NC (LEED Gold); Revolutions (Bowling, Bar & Grille) at Density USA - Syracuse, NY (LEED Silver for Commercial Interiors); Charlotte Mecklenburg Police Department Central Division - Charlotte, NC (pursing LEED Certified)

ADW Architects is designed the following project to be Green Globes certified:

Horry-Georgetown Technical College Georgetown Center for Advanced Manufacturing - Georgetown, South Carolina (2 Green Globes)



| STANDARD FORM (SF) 254 Architect-Engineer And Related Services Questionnaire | | 1. Firm Name/Business Address: Six Coliseum Centre 2815 Coliseum Centre Drive, Suite 500 Charlotte, NC 28217 | | 2. Year Present Firm Established 1977 | | 3. Date Prepared: 12/1/19 | | | | | | | | | | | |
|---|------|---|------|---|--|---|--|------|------|------|------|------|---|---|---|---|---|
| | |  | | 4. Specify type of ownership and check below, if applicable. Corporation | | A. Small Business B. Small Disadvantaged Business C. Woman-owned Business | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| 1a. Submittal is for <input checked="" type="checkbox"/> Parent Company <input type="checkbox"/> Branch or Subsidiary Office | | 5a. Former Parent Company Name(s), if any, and Year(s) Established: Atkinson/Dyer/Watson Architects, p.a. - 1988 Atkinson/Dyer/ Architects, p.a. - 1977 | | | | | | | | | | | | | | | |
| 5. Name of Parent Company, if any: ADW Architects, P.A. | | 6. Names of not more than Two Principals to Contact: Title/Telephone 1) Jim Powell, Managing Principal 704.379.1919 | | | | | | | | | | | | | | | |
| 7. Present Offices: City / State / Telephone / No. Personnel Each Office Charlotte / North Carolina / 704.379.1919 | | 7a. Total Personnel 40 | | | | | | | | | | | | | | | |
| 8. Personnel by Discipline: (List each person only once, by primary function.) | | | | | | | | | | | | | | | | | |
| 2 Administrative 21 Architects Chemical Engineers Civil Engineers 2 Construction Inspectors 12 Draftsmen Ecologists Economists | | Electrical Engineers Estimators Geologists Hydrologists 3 Interior Designers Landscape Architects Mechanical Engineers Mining Engineers | | Oceanographers Planners: Urban/Regional Sanitary Engineers Soils Engineers Specification Writers Structural Engineers Surveyors Transportation Engineers | | | | | | | | | | | | | |
| 9. Summary of Professional Services Fees | | | | | | | | | | | | | | | | | |
| Received: (Insert index number) | | | | Last 5 Years (most recent year first) | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Direct Federal contract work, including overseas All other domestic work All other foreign work * | | | | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>2018</th> <th>2017</th> <th>2016</th> <th>2015</th> <th>2014</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">7</td> <td style="text-align: center;">7</td> <td style="text-align: center;">7</td> <td style="text-align: center;">7</td> <td style="text-align: center;">6</td> </tr> </tbody> </table> | | | | 2018 | 2017 | 2016 | 2015 | 2014 | 7 | 7 | 7 | 7 | 6 |
| 2018 | 2017 | 2016 | 2015 | 2014 | | | | | | | | | | | | | |
| 7 | 7 | 7 | 7 | 6 | | | | | | | | | | | | | |
| *Firms interested in foreign work, but without such experience, check here: <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| Ranges of Professional Services Fees INDEX 1. Less than \$100,000 2. \$100,000 to \$250,000 3. \$250,000 to \$500,000 4. \$500,000 to \$1 million 5. \$1 million to \$2 million 6. \$2 million to \$5 million 7. \$5 million to \$10 million 8. \$10 million or greater | | | | | | | | | | | | | | | | | |

Experience Profile Code Numbers
for use with questions 10 and 11

001 Acoustics, Noise Abatement
002 Aerial Photogrammetry
003 Agricultural Development; Grain Storage; Farm Mechanization
004 Air Pollution Control
005 Airports; Navais; Airport Lighting; Aircraft Fueling
006 Airports; Terminals and Hangers; Freight Handling
007 Arctic Facilities
008 Auditoriums and Theatres
009 Automation; Controls; Instrumentation
010 Barracks; Dormitories
011 Bridges
012 Cemeteries (*Planning and Relocation*)
013 Chemical Processing and Storage
014 Churches; Chapels
015 Codes; Standards; Ordinances
016 Cold Storage; Refrigeration; Fast Freeze
017 Commercial Building (*low rise*); Shopping Centers
018 Communications Systems; TV; Microwave
019 Computer Facilities; Computer Service
020 Conservation and Resource Management
021 Construction Management
022 Corrosion Control; Cathodic Protection; Electrolysis
023 Cost Estimating
024 Dams (*Concrete; Arch*)
025 Dams (*Earth; Rock*); Dikes; Levees
026 Desalinization (*Process and Facilities*)
027 Dining Halls; Clubs; Restaurants
028 Ecological and Archeological Investigations
029 Educational Facilities; Classrooms
030 Electronics
031 Elevators; Escalators; People-Movers
032 Energy Conservation; New Energy Sources
033 Environmental Impact Studies, Assessments, or Statements
034 Fallout Shelters; Blast-Resistant Design
035 Field Houses; Gyms; Stadiums
036 Fire Protection
037 Fisheries; Fish Ladders
038 Forestry and Forest Products
039 Garages; Vehicle Maintenance Facilities; Parking Decks
040 Gas Systems (Propane; Natural, etc.)
041 Graphic Design

042 Harbors; Jetties; Piers; Ship Terminal Facilities
043 Heating; Ventilating; Air Conditioning
044 Health Systems Planning
045 High-rise; Air-Rights-Type Buildings
046 Highways; Streets; Airfield Paving; Parking Lots
047 Historical Preservation
048 Hospital and Medical Facilities
049 Hotels; Models
050 Housing (*Residential; Multi-Family; Apartments; Condominiums*)
051 Hydraulics and Pneumatics
052 Industrial Buildings; Manufacturing Plants
053 Industrial Processes; Quality Control
054 Industrial Waste Treatment
055 Interior Design; Space Planning
056 Irrigation; Drainage
057 Judicial and Courtroom Facilities
058 Laboratories; Medical Research Facilities
059 Landscape Architecture
060 Libraries; Museums; Galleries
061 Lighting (*Interiors; Display; Theatre, etc.*)
062 Lighting (*Exteriors; Streets; Memorials; Athletic Fields, etc.*)
063 Materials Handling Systems; Conveyors; Sorters
064 Metallurgy
065 Microclimatology; Tropical Engineering
066 Military Design Standards
067 Mining and Mineralogy
068 Missile Facilities (*Silos; Fuels; Transport*)
069 Modular Systems Design; Pre-Fabricated Structures or Components
070 Naval Architecture; Off-Shore Platforms
071 Nuclear Facilities; Nuclear Shielding
072 Office Buildings; Industrial Parks
073 Oceanographic Engineering
074 Ordnance; Munitions; Special Weapons
075 Petroleum Exploration
076 Petroleum and Fuel (*Storage and Distribution*)
077 Pipelines (*Cross-Country – Liquid and Gas*)
078 Planning (*Community, Regional, Areawide and State*)
079 Planning (*Site, Installation, and Project*)
080 Plumbing and Piping Design
081 Pneumatic Structures; Air-Support Buildings
082 Postal Facilities
083 Power Generation; Transmission; Distribution
084 Prison and Correctional Facilities
085 Product; Machine and Equipment Design

086 Radar; Sonar; Radio and Radar Telescope
087 Railroad; Rapid Transit
088 Recreation Facilities (*Parks; Marinas, etc.*)
089 Rehabilitation (*Buildings; Structures; Facilities*)
090 Resource Recovery; Recycling
091 Radio Frequency Systems and Shieldings
092 Rivers; Canals; Waterways; Flood Control
093 Safety Engineering; Accident Studies; OSHA Studies
094 Security Systems; Intruder and Smoke Detection
095 Seismic Designs and Studies
096 Sewage Collection; Treatment; Disposal
097 Soils and Geologic Studies; Foundations
098 Solar Energy Utilization
099 Solid Wastes; Incineration; Landfill
100 Special Environments; Clean Rooms, etc.
101 Structural Design; Special Structures
102 Surveying; Platting; Mapping; Flood Plain Studies
103 Swimming Pools
104 Storm Water Handling and Facilities
105 Telephone Systems (*Rural; Mobile; Intercom, etc.*)
106 Testing and Inspection Services
107 Traffic and Transportation Engineering
108 Towers (*Self-Supporting and Guyed Systems*)
109 Tunnels and Subways
110 Urban Renewals; Community Development
111 Utilities (*Gas and Steam*)
112 Value Analysis; Life-Cycle Costing
113 Warehouses and Depots
114 Water Resources; Hydrology; Ground Water
115 Water Supply; Treatment and Distribution
116 Wind Tunnels; Research/Testing Facilities Design
117 Zoning; Land Use Studies
201 Public Safety
202
203
204
205

10. Profile of Firm's Project Experience, Last 5 Years

| Profile Code | Number of Projects | Total Gross Fees (in thousands) | Profile Code | Number of Projects | Total Gross Fees (in thousands) | Profile Code | Number of Projects | Total Gross Fees (in thousands) |
|--------------|--------------------|---------------------------------|--------------|--------------------|---------------------------------|--------------|--------------------|---------------------------------|
| 1) 029 | 8 | \$6,000+ | 11) | | | 21) | | |
| 2) 060 | 1 | \$199 | 12) | | | 22) | | |
| 3) 072 | 6 | \$500+ | 13) | | | 23) | | |
| 4) 079 | 4 | \$200+ | 14) | | | 24) | | |
| 5) 088 | 2 | \$500+ | 15) | | | 25) | | |
| 6) 201 | 12+ | \$6,000+ | 16) | | | 26) | | |
| 7) | | | 17) | | | 27) | | |
| 8) | | | 18) | | | 28) | | |
| 9) | | | 19) | | | 29) | | |
| 10) | | | 20) | | | 30) | | |

11. Project Examples, Last 5 Years

| Profile Code | "P", "C", "JV", or "IE" | Project Name and Location | | Owner Name and Address | | Cost of Work (in thousands) | Completion Date (Actual or Estimated) |
|--------------|-------------------------|---------------------------|--|--|--|-----------------------------|---------------------------------------|
| 029 | P | 1 | Central Piedmont Community College Merancas Campus Phase IV Classroom Bldg Huntersville, North Carolina | Central Piedmont Community College P.O. Box 35009 Charlotte, NC 28235-5009 | | \$18,900 (est.) | 2020 (est.) |
| 029 | P | 2 | Central Piedmont Community College Driving Lab and Classroom Bldg Huntersville, North Carolina | Central Piedmont Community College P.O. Box 35009 Charlotte, NC 28235-5009 | | \$3.100 | 2019 |
| 029 | P | 3 | Horry Georgetown Technical College Advanced Manufacturing Building Georgetown, South Carolina | Horry-Georgetown Technical College PO Box 261966 Conway, SC 29528-6006 | | \$7,867 | 2019 |
| 029 | P | 4 | Catawba Valley Community College Workforce Solutions Complex Hickory, North Carolina | Catawba Valley Community College 2550 Highway 70 SE Hickory, NC 28602 | | \$20,935 | 2019 |
| 029 | P | 5 | University of North Carolina School of the Arts - Central Storage Facility Winston-Salem, North Carolina | University of North Carolina School of the Arts 1533 South Main Street Winston-Salem, NC 27127 | | \$5,343 | 2015 |
| 029 | P | 6 | Rockingham Community College Center for Workforce Development Wentworth, North Carolina | Rockingham Community College 215 Wrenn Memorial Rd. Wentworth, NC 27375 | | \$16,300 (est.) | 2022 (est.) |
| 079, 029 | P | 7 | Cleveland Community College Master Plan Shelby, North Carolina | Cleveland Community College 137 S. Post Road Shelby, NC 28152 | | N/A | 2019 |

| | | | | | | |
|----------|---|----|--|---|---------------------------|-----------------------|
| 079, 029 | P | 8 | Central Piedmont Community College Merancas Campus Master Plan Huntersville, North Carolina | Central Piedmont Community College P.O. Box 35009 Charlotte, NC 28235-5009 | \$12 (fee) | 2016 |
| 079, 029 | P | 9 | Catawba Valley Community College Public Safety Master Plan Hickory, North Carolina | Catawba Valley Community College 2550 Highway 70 SE Hickory, NC 28602 | N/A | On hold |
| 079, 029 | P | 10 | Catawba Valley Community College Campus Quad Study Hickory, North Carolina | Catawba Valley Community College 2550 Highway 70 SE Hickory, NC 28602 | \$3.7 (fee) | 2016 |
| 079, 029 | P | 11 | Catawba Valley Community College Challenger Renovation Study Hickory, North Carolina | Catawba Valley Community College 2550 Highway 70 SE Hickory, NC 28602 | \$5.7 (fee) | 2016 |
| 079, 029 | P | 12 | Central Piedmont Community College Gatling Center Study Huntersville, North Carolina | Central Piedmont Community College P.O. Box 35009 Charlotte, NC 28235-5009 | N/A | 2019 (est.) |
| 079, 029 | P | 13 | Gaston College Building Assessment Dallas, Lincoln & Kimbrell, North Carolina | Gaston College 201 Highway U.S. 321 S Dallas, NC 28034 | N/A | 2019 (est.) |
| 079, 029 | P | 14 | Gaston College Facilities Master Plan Dallas, Lincoln & Kimbrell, North Carolina | Gaston College 201 Highway U.S. 321 S Dallas, NC 28034 | \$65.5 (fee) | 2016 |
| 089, 029 | P | 15 | Richmond Community College Lindsey-Petris Building Expansion & Renovation Hamlet, North Carolina | Richmond Community College 1042 W. Hamlet Ave. Hamlet, NC 28345 | \$6,000 (est.) | 2019 (est.) |
| 089, 029 | P | 16 | Gaston College Pharr Trade & Industrial Building Renovation Phase II & Phase I Lincolnton, North Carolina | Gaston College 128 East Congress Street Lincolnton, NC 28092 | \$1,265 (II) \$990 (I) | 2016 (II) 2015 (I) |
| 089, 029 | P | 17 | Rowan Cabarrus Community College South Campus Bookstore Renovation Concord, North Carolina | Rowan Cabarrus Community College 1531 Trinity Church Road Concord, NC 28027 | \$159 | 2016 |
| 089, 029 | P | 18 | Rowan Cabarrus Community College South Campus Bldg. 1000 Second Floor Toilet Concord, North Carolina | Rowan Cabarrus Community College 1531 Trinity Church Road Concord, NC 28027 | \$97 | 2017 |
| 089, 029 | P | 19 | Rowan Cabarrus Community College South Campus Student Services Renovation Concord, North Carolina | Rowan Cabarrus Community College 1531 Trinity Church Road Concord, NC 28027 | \$829 | 2015 |

| | | | | | | |
|---------------------------|---|----|---|---|----------------|-------------|
| 089, 029 | P | 20 | Catawba Valley Community College Potters' Workshop and Gallery Hickory, North Carolina | Catawba Valley Community College 2550 Highway 70 SE Hickory, NC 28602 | \$460 | 2016 |
| 089, 029 | P | 21 | Catawba Valley Community College East Campus Testing Center Renovation Hickory, North Carolina | Catawba Valley Community College 2550 Highway 70 SE Hickory, NC 28602 | \$686 | 2014 |
| 089, 029 | P | 22 | Catawba Valley Community College West Wing Toilet Renovation Hickory, North Carolina | Catawba Valley Community College 2550 Highway 70 SE Hickory, NC 28602 | \$168 | 2014 |
| 089, 029 | P | 23 | Davidson County Community College Aquarium Lab Renovation Thomasville, North Carolina | Davidson County Community College 297 DCCC Road Thomasville, NC 27360 | \$350 | 2015 |
| 089, 029 | P | 24 | Davidson College 210 Delburg Small Business Incubator Davidson, North Carolina | Davidson College 209 Ridge Road Davidson, North Carolina 28035 | \$3,400 | 2017 |
| 201 (Public Safety) | | 25 | University of North Carolina School of the Arts Police Facility Winston-Salem, North Carolina | UNC School of the Arts 1533 South Main Street Winston-Salem, NC 27127 | \$3,144 | 2015 |
| 201 (Public Safety) | P | 26 | University of North Carolina at Greensboro Police Facility (LEED Silver) Greensboro, North Carolina | University of North Carolina at Greensboro 1000 Spring Garden Street Greensboro, NC 27403 | \$6,776 | 2014 |
| 089, 029 | P | 27 | Druid Hills K8 Expansion (Renovation & Addition) Charlotte, North Carolina | Charlotte Mecklenburg Schools (CMS) 3301 Stafford Drive, Charlotte, NC 28208 | \$6,000 | 2019 |
| 089, 029 | P | 28 | Ashley Park K8 Conversion (Renovation & Addition) Charlotte, North Carolina | Charlotte Mecklenburg Schools 3301 Stafford Drive, Charlotte, NC 28208 | \$9,835 | 2019 |
| 089, 035, 029 | P | 29 | Fort Mill & Gold Mill Middle Schools Gymnasium Expansions Fort Mill, South Carolina | York County Schools-Fort Mill School District 4 2233 Deerfield Drive Fort Mill, SC 29715 | \$1,667 | 2016 |
| 089, 035, 029 | P | 30 | Salisbury High School Renovation & Addition Salisbury, North Carolina | Rowan-Salisbury Schools 500 N. Main Street Salisbury, N.C. 28144 | \$1,400 (est.) | 2020 (est.) |

12. The foregoing is a statement of facts



Signature: Typed Name and Title: Jim Powell, AIA, Managing Principal

Date: 12/1/19

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------------|--|-------|--|------------------------------|------------------|----------------------|----------------|-------|------------|------------|--|-------|--------------------|------------|--------------------|-------|-------------------------|--------------|-----------------|-------|-------------------------|--------------------|--------------------------|-------|-----------|-------------------------|------------------------|-------|------------|----------------------|-----------|-------|------------|------------------|----------------------------|-------|
| STANDARD FORM (SF) 254 Architect-Engineer And Related Services Questionnaire | | 1. Firm Name/Business Address: Alfred Benesch & Company North Carolina Division 2359 Perimeter Pointe Parkway, Suite 350 Charlotte, NC 28208 | | 2. Year Present Firm Established 1946 | 3. Date Prepared: 9/25/19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1a. Submittal is for <input type="checkbox"/> Parent Company <input checked="" type="checkbox"/> Branch or Subsidiary Office | | 4. Specify type of ownership and check below, if applicable. <div style="display: flex; justify-content: space-between;"> <div>A. Small Business – N/A</div> <div>B. Small Disadvantaged Business – N/A</div> <div>C. Woman-owned Business – N/A</div> </div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. Name of Parent Company, if any: N/A | | 5a. Former Parent Company Name(s), if any, and Year(s) Established: N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6. Names of not more than Two Principals to Contact: Title/Telephone 1) Brian Cannella, PLA – North Carolina Division Manager – 704-521-9880 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7. Present Offices: City / State / Telephone / No. Personnel Each Office Charlotte / NC / 704-521-9880 / 24 Raleigh / NC / 919-654-6809 / 6 Wilmington / NC / 910-344-0143 / 1 | | 7a. Total Personnel <u>31</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8. Personnel by Discipline: (List each person only once, by primary function.) <table style="width:100%; border: none;"> <tr> <td style="width:30%;">2 Administrative</td> <td style="width:30%;">Electrical Engineers</td> <td style="width:20%;">Oceanographers</td> <td style="width:20%;">_____</td> </tr> <tr> <td>Architects</td> <td>Estimators</td> <td>Planners: Urban/Regional</td> <td>_____</td> </tr> <tr> <td>Chemical Engineers</td> <td>Geologists</td> <td>Sanitary Engineers</td> <td>_____</td> </tr> <tr> <td>12 Civil Engineers</td> <td>Hydrologists</td> <td>Soils Engineers</td> <td>_____</td> </tr> <tr> <td>Construction Inspectors</td> <td>Interior Designers</td> <td>Specification Writers</td> <td>_____</td> </tr> <tr> <td>Draftsmen</td> <td>12 Landscape Architects</td> <td>3 Structural Engineers</td> <td>_____</td> </tr> <tr> <td>Ecologists</td> <td>Mechanical Engineers</td> <td>Surveyors</td> <td>_____</td> </tr> <tr> <td>Economists</td> <td>Mining Engineers</td> <td>2 Transportation Engineers</td> <td>_____</td> </tr> </table> | | | | | | 2 Administrative | Electrical Engineers | Oceanographers | _____ | Architects | Estimators | Planners: Urban/Regional | _____ | Chemical Engineers | Geologists | Sanitary Engineers | _____ | 12 Civil Engineers | Hydrologists | Soils Engineers | _____ | Construction Inspectors | Interior Designers | Specification Writers | _____ | Draftsmen | 12 Landscape Architects | 3 Structural Engineers | _____ | Ecologists | Mechanical Engineers | Surveyors | _____ | Economists | Mining Engineers | 2 Transportation Engineers | _____ |
| 2 Administrative | Electrical Engineers | Oceanographers | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Architects | Estimators | Planners: Urban/Regional | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chemical Engineers | Geologists | Sanitary Engineers | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 Civil Engineers | Hydrologists | Soils Engineers | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction Inspectors | Interior Designers | Specification Writers | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Draftsmen | 12 Landscape Architects | 3 Structural Engineers | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ecologists | Mechanical Engineers | Surveyors | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Economists | Mining Engineers | 2 Transportation Engineers | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9. Summary of Professional Services Fees Received: (Insert index number) <table style="width:100%; border: none;"> <tr> <td style="width:30%;"></td> <td style="width:10%;">2019</td> <td style="width:10%;">2018</td> <td style="width:10%;">2017</td> <td style="width:10%;">2016</td> <td style="width:10%;">2015</td> </tr> <tr> <td>Direct Federal contract work, including overseas</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>All other domestic work</td> <td>6</td> <td>6</td> <td>6</td> <td>6</td> <td>6</td> </tr> <tr> <td>All other foreign work *</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> </table> | | | | | | | 2019 | 2018 | 2017 | 2016 | 2015 | Direct Federal contract work, including overseas | _____ | _____ | _____ | _____ | _____ | All other domestic work | 6 | 6 | 6 | 6 | 6 | All other foreign work * | _____ | _____ | _____ | _____ | _____ | | | | | | | | |
| | 2019 | 2018 | 2017 | 2016 | 2015 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Direct Federal contract work, including overseas | _____ | _____ | _____ | _____ | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All other domestic work | 6 | 6 | 6 | 6 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All other foreign work * | _____ | _____ | _____ | _____ | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Firms interested in foreign work, but without such experience, check here: <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Ranges of Professional Services Fees INDEX

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

10. Profile of Firm's Project Experience, Last 5 Years

| Profile Code | Number of Projects | Total Gross Fees (in thousands) | Profile Code | Number of Projects | Total Gross Fees (in thousands) | 20) 117 | Number of Projects | Total Gross Fees (in thousands) |
|--------------|--------------------|---------------------------------|--------------|--------------------|---------------------------------|---------|--------------------|---------------------------------|
| 1) 014 | 12 | 300 | 10) 050 | 15 | 380 | | 40 | 400 |
| 2) 017 | 55 | 950 | 11) 056 | 35 | 400 | | | |
| 3) 021 | 15 | 300 | 12) 058 | 2 | 15 | | | |
| 4) 023 | 20 | 10 | 13) 059 | 90 | 5,600 | | | |
| 5) 029 | 45 | 2,500 | 14) 078 | 55 | 1,030 | | | |
| 6) 035 | 12 | 1,000 | 15) 079 | 55 | 2,425 | | | |
| 7) 039 | 20 | 100 | 16) 088 | 20 | 1,500 | | | |
| 8) 046 | 85 | 925 | 17) 089 | 8 | 50 | | | |
| 9) 048 | 30 | 300 | 18) 104 | 50 | 900 | | | |
| | | | 19) 114 | 15 | 400 | | | |


11. Project Examples, Last 5 Years

| Profile Code | "P," "C," "JV," or "E" | Project Name and Location | Owner Name and Address | Cost of Work (in thousands) | Completion Date (Actual or Estimated) |
|--|------------------------|--|---|-----------------------------|---------------------------------------|
| 021, 029, 046, 059, 079, 104 | C | Central Piedmont Community College Commercial Driving Lab Huntersville, NC | Central Piedmont Community College 1325 East 7th Street Charlotte, NC 28204 | 3,100 | 2019 |
| 079 | C | Merancas Campus Master Plan Central Piedmont Community College Huntersville, NC | Central Piedmont Community College 1325 East 7th Street Charlotte, NC 28204 | Planning Only 3 | 2015 |
| 059, 078, 088, 104, 114, 117 | P | North Recreational Complex, Phase III East Carolina University Greenville, NC | East Carolina University 1001 East Fourth Street Greenville, NC 27858 | 3,500 | 2016 |
| 029, 046, 059, 062, 102, 104, 107, 111 | P | Old Post Road Entry Study Cleveland Community College Shelby, NC | Cleveland Community College 137 S Post Rd Shelby, NC 28152 | 300 | 2018 |
| 021, 023, 046, 059, 089, 104 | P | CCC Pavement Rehabilitation Cleveland Community College Shelby, NC | Cleveland Community College 137 S Post Rd Shelby, NC 28152 | 250 | 2017 |
| 021, 029, 039, 046, 059, 079, 104 | C | Catawba Valley Community College Driver training Range Hickory, NC | Catawba Valley Community College 2550 US Hwy 70 SE Hickory, NC 28602-8302 | 2,390 | 2016 |
| 021, 023, 046, 059, 089, 104 | P | CVCC Paving and Storm System Rehabilitation Catawba Valley Community College Hickory, NC | Catawba Valley Community College 2550 US Hwy 70 SE Hickory, NC 28602-8302 | 2,390 | 2016 |

| | | | | | |
|--|---|---|---|-------|------|
| 59, 79, 23 | P | ASU Renovations to Academy Street Boone, NC | Appalachian State University Boone, NC 28608 | 600 | 2018 |
| 021, 035, 059, 079, 088, 104 | P | West Mecklenburg High School Stadium Improvements Charlotte, NC | Charlotte-Mecklenburg Schools 3301 Stafford Drive Charlotte, NC 28208 | 7,450 | 2014 |
| 023, 046, 059, 079, 089, 104 | C | Catawba Valley Community College Storm Main Emergency Repairs (Main Campus) Hickory, NC | Catawba Valley Community College 2550 US Hwy 70 SE Hickory, NC 28602-8302 | 2,000 | 2014 |
| 021, 029, 039, 046, 059, 079, 104 | C | Workforce Solutions Center Catawba Valley Community College Hickory, NC | Catawba Valley Community College 2550 US Hwy 70 SE Hickory, NC 28602-8302 | 2,390 | 2016 |
| 23, 25, 46, 48, 56, 59, 79, 96, 104 | C | Novant Health Mint Hill Medical Center, Hospital & MOB Charlotte, NC | Gresham Smith Partners 10 South 6th Street, Suite 100 Richmond, VA 23218 | 8,300 | 2018 |
| 23, 25, 46, 56, 59, 79, 96, 104 | P | Novant Health Mint Hill Medical Center, Roads & Infrastructure Charlotte, NC | Novant Health P.O. Box 33549 Charlotte, NC 28233 | 6,050 | 2017 |
| 014, 021, 059, 079 | C | Hopewell Baptist Church Monroe, NC | Hopewell Baptist Church 420 Hopewell Church Road Monroe, North Carolina 28110 | 220 | 2015 |
| 021, 046, 048, 050, 056, 059, 079, 104, 117 | P | Brightmore of South Charlotte Charlotte, NC 28277 | Liberty Healthcare Properties of North Carolina 2234 South 41st Street Wilmington, NC 28403 | 5,500 | 2015 |
| 023, 046, 059, 079, 088 | P | Frank Liske Park Parking Lot and ADA Trail Concord, NC | Cabarrus County Active Living and Parks P.O. Box 707 Concord, NC 28026 | 265 | 2016 |
| 023, 059, 079, 088 | P | Bruce Meisner Park Hickory, NC | City of Hickory Parks & Recreation 1451 8th Street Drive NE Hickory, NC 28601 | 3,300 | 2018 |
| 023, 059, 088 | P | Crowder Mountain State Park Parking Expansion Gastonia, NC | NC DNCR – DPR 1615 MSC Raleigh, NC 27699 | 750 | 2018 |
| 023, 059, 088 | C | Pilot Mountain State Park Visitor Center Pinnacle, NC | NC DNCR – DPR 1615 MSC Raleigh, NC 27699 | 1,300 | 2018 |

| | | | | | |
|----------------------------|---|---------------------------------------|---|-------|------|
| 023, 059, 079, 088, 107 | P | Briar Creek Greenway Charlotte, NC | Mecklenburg County Park and Rec 5841 Brookshire Blvd. Charlotte, NC 28216 | 1,162 | 2016 |
|----------------------------|---|---------------------------------------|---|-------|------|

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| | | | | | |
|--|---|---|--|-----------------|------|
| 059, 088 | P | Stallings Municipal Park Phases 1-3 Stallings, NC | Stallings Parks and Recreation Dept. P.O. Box 4030 Stallings, NC 28104 | 2,415 | 2014 |
| 079, 023, 046, 059, 088 | P | Waccamaw District Park Brunswick County, NC | Brunswick County Parks and Recreation P.O. Box 249 Bolivia, NC 28422 | 2,500 | 2015 |
| 12. The foregoing is a statement of facts | | | | | |
| Signature:  | | Typed Name and Title: Brian Cannella, PLA - NC Division Manager | | | |
| | | | | Date: 12/6/2019 | |

*U.S. GPO: 1993-351-246


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| STANDARD FORM (SF) 254 Architect-Engineer and Related Services Questionnaire | | 1. Firm Name/Business Address: Laurene & Rickher, P.C. Consulting Structural Engineers 8701 Red Oak Boulevard Suite 500 Charlotte, NC 28217 | | 2. Year Present Firm Established: 1985 | 3. Date Prepared: 12/5/2019 | | | | | | | | | | | | | | | | | | | | |
|---|--|--|------|---|-----------------------------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 5. Name of Parent Company, if any: | | 1a. Submittal is for <input checked="" type="checkbox"/> Parent Company <input type="checkbox"/> Branch or Subsidiary Office | | 4. Specify type of ownership and check below, if applicable. Professional Corporation <input checked="" type="checkbox"/> A. Small Business <input type="checkbox"/> B. Small Disadvantaged Business <input type="checkbox"/> C. Woman-owned Business | | | | | | | | | | | | | | | | | | | | | |
| 6. Names of not more than Two Principals to Contact: | | 5a. Former Parent Company Name(s), if any, and Year(s) Established: | | | | | | | | | | | | | | | | | | | | | | | |
| 1) Mark S. Rickher, PE 2) Q.Lee Sorrell, III, PE | | Title/Telephone 980-235-2624 980-235-2628 | | | | | | | | | | | | | | | | | | | | | | | |
| 7. Present Offices: | | City / State / Telephone / No. Personnel Each Office Charlotte, North Carolina / (704) 522-0495 / 12 staff 7a. Total Personnel: 12 Total | | | | | | | | | | | | | | | | | | | | | | | |
| 8. Personnel by Discipline: (List each person only once, by primary function) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 Administrative Architects Chemical Engineers Civil Engineers Construction Inspectors Draftsmen Ecologists Economists | Electrical Engineers Estimators Geologists Hydrologists Interior Designers Landscape Architects Mechanical Engineers Mining Engineers | Oceanographers Planners: Urban/Regional Sanitary Engineers Soils Engineers Specification Writers Structural Engineers Surveyors Transportation Engineers | | | | | | | | | | | | | | | | | | | | | | | |
| 9. Summary of Professional Services Fees | | | | | | | | | | | | | | | | | | | | | | | | | |
| Received (Insert index number) | | Last 5 Years (most recent year first) | | | | | | | | | | | | | | | | | | | | | | | |
| Direct Federal contract work, including overseas All other domestic work All other foreign work * | | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>2018</th> <th>2017</th> <th>2016</th> <th>2015</th> <th>2014</th> </tr> </thead> <tbody> <tr> <td>"3"</td> <td>"3"</td> <td>"2"</td> <td>"1"</td> <td>"1"</td> </tr> <tr> <td>"6"</td> <td>"5"</td> <td>"4"</td> <td>"4"</td> <td>"4"</td> </tr> <tr> <td>"1"</td> <td>"1"</td> <td>"1"</td> <td>"1"</td> <td>"1"</td> </tr> </tbody> </table> | | | | 2018 | 2017 | 2016 | 2015 | 2014 | "3" | "3" | "2" | "1" | "1" | "6" | "5" | "4" | "4" | "4" | "1" | "1" | "1" | "1" | "1" |
| 2018 | 2017 | 2016 | 2015 | 2014 | | | | | | | | | | | | | | | | | | | | | |
| "3" | "3" | "2" | "1" | "1" | | | | | | | | | | | | | | | | | | | | | |
| "6" | "5" | "4" | "4" | "4" | | | | | | | | | | | | | | | | | | | | | |
| "1" | "1" | "1" | "1" | "1" | | | | | | | | | | | | | | | | | | | | | |
| * Firms interested in foreign work, but without such experience, check here: <input checked="" type="checkbox"/> | | Ranges of Professional Services Fees INDEX 1. Less than \$100,000 2. \$100,000 to \$250,000 3. \$250,000 to \$500,000 4. \$500,000 to \$1 million 5. \$1 million to \$2 million 6. \$2 million to \$5 million 7. \$5 million to \$10 million 8. \$10 million or greater | | | | | | | | | | | | | | | | | | | | | | | |

| 10. Profile of Firm's Experience, Last 5 years | | | | | | | | | |
|--|--------------|-------------------------|--|---|-----------------------------|---------------------------------------|--------------|--------------------|---------------------------------|
| | Profile Code | Number of Projects | Total Gross Fees (in thousands) | Profile Code | Number of Projects | Total Gross Fees (in thousands) | Profile Code | Number of Projects | Total Gross Fees (in thousands) |
| | 1) 006 | 6 | 1742 | 11) | | | 21) | | |
| | 2) 014 | 5 | 15 | 12) | | | 22) | | |
| | 3) 017 | 15 | 108 | 13) | | | 23) | | |
| | 4) 027 | 15 | 474 | 14) | | | 24) | | |
| | 5) 029 | 30 | 2423 | 15) | | | 25) | | |
| | 6) 035 | 10 | 37 | 16) | | | 26) | | |
| | 7) 048 | 20 | 2717 | 17) | | | 27) | | |
| | 8) 050 | 8 | 1336 | 18) | | | 28) | | |
| | 9) 072 | 25 | 354 | 19) | | | 29) | | |
| | 10) 095 | 5 | 33 | 20) | | | 30) | | |
| 11. Project Examples, Last 5 Years | | | | | | | | | |
| | Profile Code | "P", "C", "JV", or "IE" | Project Name and Location | Owner Name and Address | Cost of Work (in thousands) | Completion Date (Actual or Estimated) | | | |
| | 29 | C | 1 UNCW Allied Health Building Wilmington, NC | UNCW Wilmington, NC | \$66,000 | 2020 | | | |
| | 29 | C | 2 Mitchell Community College Health Sciences Building Statesville, NC | Mitchell Community College Statesville, NC | \$10,000 | 2019 | | | |
| | 29 | C | 3 Sun Valley High School Addition Monroe, NC | Union County Public Schools Monroe, NC | \$20,000 | 2021 | | | |
| | 29 | C | 4 Benton Heights Elementary Additorium Monroe, NC | Union County Public Schools Monroe, NC | \$5,000 | 2018 | | | |
| | 6 | C | 5 CLT Airport North Terminal Charlotte, NC | CLT Airport Charlotte, NC | \$400,000 | 2023 | | | |
| | 14 | C | 6 Kirk of Kildaire Classroom Addition Cary, NC | Kirk of Kildaire Presbyterian Cary, NC | \$4,000 | 2018 | | | |
| | 17 | C | 7 Sunglass Hut Central Valley, NY | Sunglass Hut Mason, OH | \$200 | 2018 | | | |


| | | | | | |
|----|---|---|---|----------|------|
| 27 | C | Wild Wing Café Riverbend, NC | Wild Wing Café Riverbend, NC | \$2,500 | 2018 |
| 35 | C | Sun Valley High School Stadium and Field Houses Monroe, NC | Union County Public Schools Monroe, NC | \$5,000 | 2019 |
| 48 | C | VAMC Martinsburg Outpatient Clinic Martinsburg, WV | VAMC Martinsburg Martinsburg, WV | \$15,000 | 2020 |
| 50 | C | Southminster Villas - Terraces 1 & 2 Charlotte, NC | Southminster Charlotte, NC | \$15,000 | 2019 |
| 72 | C | Huntersville KTP Plant and Office Huntersville, NC | Kurz USA Huntersville, NC | | 2020 |
| 95 | C | Whitehall Building II Seismic Evaluation Charlotte, NC | American Asset Corporation Charlotte, NC | \$6 | 2018 |
| | C | | | | |
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| | C | | | | |
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| | C | | | | | | | | | |
| | C | | | | | | | | | |
| | C | | | | | | | | | |
| 12. The foregoing is a statement of facts. | | | | | | | | | | Date: |
| Signature: <i>Junston Lee Sorrell</i> | | | | | | | | | | 12/5/2019 |
| Typed Name and Title: Q. Lee Sorrell, PE - Principal | | | | | | | | | | |

| STANDARD FORM (SF) 254 Architect-Engineer And Related Services Questionnaire | Firm Name/Business Address: <div style="text-align: center;">  Optima Engineering, PA 1927 S. Tryon Street Suite 300 Charlotte, NC 28203 www.optimapa.com Submittal is for X Parent Company <input type="checkbox"/> Branch or Subsidiary Office </div> | Year Present Firm Established <div style="text-align: center;">1992</div> | Date Prepared: <div style="text-align: center;">December 3, 2019</div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|--|---|---------------------------------|---------------------------------|--------------|--------------------------|---------------------------------|----------------------|-----------|----|----------------------------|----|--------------------------------------|-----------|----|----------------|-----|--------------------------------------|------|-----|---|-----|----------------------|-----------|-----|-----|----|----------------------|-----------|----|-----|-----|---------------------------------|-----|-----|----|-----|--|---|----|-----|---|-------------------------------|---------------|----|------|-----|--|-----------|-----|----|-----|-----|-----|------|-----|----|------|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|----|----|-----|-----|------|-----|-----|-----|-----|----|-----|
| Name of Parent Company, if any: Optima Engineering Former Parent Company Name(s), if any, and Year(s) Established: N/A | | Specify type of ownership and check below, if applicable. <input checked="" type="checkbox"/> S Corporation Small Business <input type="checkbox"/> Small Disadvantaged Business <input type="checkbox"/> Woman-Owned Business | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Names of no more than Two Principals Contact: Title / Telephone Ron V. Almond, P.E., VP ralmond@optimapa.com 704.927.1778 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Present Offices: City / State / Telephone / Charlotte, NC - 704.338.1292 Raleigh, NC - 919.926.2200 No. Personnel Each Office: Charlotte 58 Raleigh 16 Total Personnel 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Personnel by Discipline: (List each person only once by primary function) <table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width:5%;">9</td><td style="width:45%;">Mechanical Engineers</td><td style="width:10%;">8 LEED AP</td><td style="width:10%;">10</td><td style="width:30%;">Administrative Personnel</td></tr> <tr> <td>11</td><td>Mechanical Designers</td><td>4 LEED AP</td><td>1</td><td>Construction Administrator</td></tr> <tr> <td>3</td><td>Plumbing / Fire Protection Engineers</td><td>2 LEED AP</td><td>6</td><td>Design Interns</td></tr> <tr> <td>6</td><td>Plumbing / Fire Protection Designers</td><td></td><td>1</td><td>CPP (Certified Protection Professional)</td></tr> <tr> <td>12</td><td>Electrical Engineers</td><td>4 LEED AP</td><td></td><td></td></tr> <tr> <td>10</td><td>Electrical Designers</td><td>2 LEED AP</td><td></td><td></td></tr> <tr> <td>2</td><td>CEM (Certified Energy Managers)</td><td></td><td></td><td></td></tr> <tr> <td>1</td><td>RCDD (Registered Communications Distribution Designer)</td><td></td><td></td><td></td></tr> <tr> <td>1</td><td>CxA (Commissioning Authority)</td><td>1 LEED AP O+M</td><td></td><td></td></tr> <tr> <td>1</td><td>CCP (Certified Commissioning Provider)</td><td>1 LEED AP</td><td></td><td></td></tr> </table> | | | | 9 | Mechanical Engineers | 8 LEED AP | 10 | Administrative Personnel | 11 | Mechanical Designers | 4 LEED AP | 1 | Construction Administrator | 3 | Plumbing / Fire Protection Engineers | 2 LEED AP | 6 | Design Interns | 6 | Plumbing / Fire Protection Designers | | 1 | CPP (Certified Protection Professional) | 12 | Electrical Engineers | 4 LEED AP | | | 10 | Electrical Designers | 2 LEED AP | | | 2 | CEM (Certified Energy Managers) | | | | 1 | RCDD (Registered Communications Distribution Designer) | | | | 1 | CxA (Commissioning Authority) | 1 LEED AP O+M | | | 1 | CCP (Certified Commissioning Provider) | 1 LEED AP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Mechanical Engineers | 8 LEED AP | 10 | Administrative Personnel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | Mechanical Designers | 4 LEED AP | 1 | Construction Administrator | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Plumbing / Fire Protection Engineers | 2 LEED AP | 6 | Design Interns | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Plumbing / Fire Protection Designers | | 1 | CPP (Certified Protection Professional) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Electrical Engineers | 4 LEED AP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Electrical Designers | 2 LEED AP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | CEM (Certified Energy Managers) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | RCDD (Registered Communications Distribution Designer) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | CxA (Commissioning Authority) | 1 LEED AP O+M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | CCP (Certified Commissioning Provider) | 1 LEED AP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Summary of Professional Services Fees Received: (Insert index number) Direct Federal contract work, including overseas All other domestic work All other foreign work* | | Ranges of Professional Service Fees Index 1. Less than \$100,000 2. \$100,000 to \$250,000 3. \$250,000 to \$500,000 4. \$500,000 to \$1 million 5. \$1 million to \$2 million 6. \$2 million to \$5 million 7. \$5 million to \$10 million 8. \$10 million or greater | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Last 5 Years (most recent year first) <div style="display: flex; justify-content: space-around;"> <div>2018 1 8 1</div> <div>2017 1 8 1</div> <div>2016 1 7 1</div> <div>2015 1 7 1</div> <div>2014 1 6 1</div> </div> | | * Firms interested in foreign work, but without such experience, check here: X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Profile of Firm's Project Experience, Last 5 Years <table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Profile Code</th><th>Number of Projects</th><th>Total Gross Fees (in thousands)</th><th>Profile Code</th><th>Number of Projects</th><th>Total Gross Fees (in thousands)</th></tr> </thead> <tbody> <tr><td>008</td><td>5</td><td>69</td><td>039</td><td>18</td><td>305</td></tr> <tr><td>009</td><td>30</td><td>132</td><td>043</td><td>1482</td><td>6836</td></tr> <tr><td>010</td><td>17</td><td>210</td><td>045</td><td>8</td><td>209</td></tr> <tr><td>014</td><td>32</td><td>178</td><td>048</td><td>41</td><td>860</td></tr> <tr><td>017</td><td>84</td><td>560</td><td>049</td><td>57</td><td>640</td></tr> <tr><td>018</td><td>5</td><td>23</td><td>058</td><td>7</td><td>130</td></tr> <tr><td>019</td><td>39</td><td>1412</td><td>060</td><td>4</td><td>72</td></tr> <tr><td>027</td><td>68</td><td>295</td><td>061</td><td>820</td><td>2453</td></tr> <tr><td>029</td><td>73</td><td>1247</td><td>062</td><td>171</td><td>312</td></tr> <tr><td>032</td><td>17</td><td>267</td><td>072</td><td>209</td><td>974</td></tr> <tr><td>035</td><td>23</td><td>64</td><td>080</td><td>916</td><td>3546</td></tr> <tr><td>036</td><td>197</td><td>419</td><td>083</td><td>90</td><td>214</td></tr> </tbody> </table> | | | | Profile Code | Number of Projects | Total Gross Fees (in thousands) | Profile Code | Number of Projects | Total Gross Fees (in thousands) | 008 | 5 | 69 | 039 | 18 | 305 | 009 | 30 | 132 | 043 | 1482 | 6836 | 010 | 17 | 210 | 045 | 8 | 209 | 014 | 32 | 178 | 048 | 41 | 860 | 017 | 84 | 560 | 049 | 57 | 640 | 018 | 5 | 23 | 058 | 7 | 130 | 019 | 39 | 1412 | 060 | 4 | 72 | 027 | 68 | 295 | 061 | 820 | 2453 | 029 | 73 | 1247 | 062 | 171 | 312 | 032 | 17 | 267 | 072 | 209 | 974 | 035 | 23 | 64 | 080 | 916 | 3546 | 036 | 197 | 419 | 083 | 90 | 214 |
| Profile Code | Number of Projects | Total Gross Fees (in thousands) | Profile Code | Number of Projects | Total Gross Fees (in thousands) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 008 | 5 | 69 | 039 | 18 | 305 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 009 | 30 | 132 | 043 | 1482 | 6836 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 010 | 17 | 210 | 045 | 8 | 209 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 014 | 32 | 178 | 048 | 41 | 860 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 017 | 84 | 560 | 049 | 57 | 640 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 018 | 5 | 23 | 058 | 7 | 130 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 019 | 39 | 1412 | 060 | 4 | 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 027 | 68 | 295 | 061 | 820 | 2453 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 029 | 73 | 1247 | 062 | 171 | 312 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 032 | 17 | 267 | 072 | 209 | 974 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 035 | 23 | 64 | 080 | 916 | 3546 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 036 | 197 | 419 | 083 | 90 | 214 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

11. Project Examples, Last 5 Years

| Profile Code | "P", "C", "JV", or "IE" | Project Name and Location | Owner Name and Address | Cost of Work (in thousands) | Completion Date (Actual or Estimated) |
|--|-------------------------|---|---|-----------------------------|---------------------------------------|
| 029 010 043 061 080 083 | "C" | South Piedmont Community College Tyson Family Center for Technology Monroe, NC | South Piedmont Community College 3509 Old Charlotte Hwy. Monroe, NC 28110 | 5,600 | Currently in CD Phase |
| 029 033 043 061 | "C" | South Piedmont Community College STEM Building Monroe, NC | South Piedmont Community College 3509 Old Charlotte Hwy. Monroe, NC 28110 | 17,000 | Scheduled for completion in 2020 |
| 029 033 080 083 | "C" | South Piedmont Community College Bealer Building Renovation Study Monroe, NC | South Piedmont Community College 3509 Old Charlotte Hwy. Monroe, NC 28110 | Undisclosed | 2013 |
| 029 010 043 061 080 083 | "C" | South Piedmont Community College Bealer Building Renovation Phase-1 & Phase 2 Monroe, NC | South Piedmont Community College 3509 Old Charlotte Hwy. Monroe, NC 28110 | Undisclosed | 2015 |
| 029 010 043 061 080 083 | "C" | Central Piedmont Community College Harper Campus Charlotte, NC | Central Piedmont Community College P.O. Box 35009 Charlotte, NC 28235- 5009 | 41,250 | 2018 |
| 029 010 043 061 080 083 | "C" | Central Piedmont Community College Merancas Campus Huntersville, NC | Central Piedmont Community College P.O. Box 35009 Charlotte, NC 28235- 5009 | 26,000 | Currently in CD Phase |
| 029 010 043 061 080 083 | "C" | Wake Technical Community College Automotive Technology Building Raleigh, NC | Wake Technical Community College 9101 Fayetteville Road Raleigh, NC 27603 | 40,000 | Currently in CD Phase |
| 029 033 | "C" | Wake Technical Community College Automotive & Heavy Equipment Ventilation System Raleigh, NC | Wake Technical Community College 9101 Fayetteville Road Raleigh, NC 27603 | 1,600 | 2016 |
| 029 010 043 061 080 083 | "C" | University of North Carolina at Charlotte Academic Complex Renovations Charlotte, NC | UNCC Facilities Management 9201 University City Blvd. Charlotte, NC 28223 704.687.0512 | 15,000 | 2019 |
| 029 033 080 083 | "C" | University of North Carolina at Charlotte Residence Dining Hall Assessment & Feasibility Study Charlotte, NC | UNCC Facilities Management 9201 University City Blvd. Charlotte, NC 28223 704.687.0512 | 600 | 2014 |

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|--|-------------------------|---|---|--------|------|
| 029 010 043 061 080 083 | "C" | University of North Carolina at Charlotte Residence Dining Hall Renovation Charlotte, NC | UNCC Facilities Management 9201 University City Blvd. Charlotte, NC 28223 704.687.0512 | 6,000 | 2017 |
| 029 010 043 061 080 083 | "C" | Fayetteville State University Student Center Renovation & Addition Fayetteville, NC | FSU Facilities Management 1200 Murchison Rd Fayetteville, NC 28301 910.672.1431 | 22,000 | 2013 |
| 029 010 043 061 080 083 098 032 | "C" | Western Carolina University Brown Building Renovation Cullowhee, NC | WCU Facilities Management 3476 Old Cullowhee Rd. Cullowhee, NC 28723 828.227.7224 | 22,500 | 2017 |
| 12. The foregoing is a statement of facts. | Date: Dec 3, 2019 | Signature: Keith G. Pehl, P.E. CEO Optima Engineering, PA  | | | |