

# Statement of Qualifications Engineering Services for Various Water and Wastewater Projects and On-Call Services





October 17, 2022

Mr. Jake Broom  
Chief Operating Officer  
Municipal Association of South Carolina  
Post Office Box 12109  
Columbia, South Carolina 29211

RE: Statement of Qualifications  
Engineering Services for Various  
Water and Wastewater Projects  
and On-Call Services for the  
Municipal Association of South Carolina  
Proposal No. P22141-A, B

Dear Mr. Broom:

Alliance Consulting Engineers, Inc. is pleased to submit this Statement of Qualifications for Engineering Services for Various Water and Wastewater Projects and On-Call Services for the Municipal Association of South Carolina.

Alliance Consulting Engineers, Inc. was founded as a corporation in 2004 on the concept that clients want in-depth personal involvement for today's complex projects. Alliance Consulting Engineers, Inc. utilizes the philosophy of a hands-on approach to guide the client from conceptual planning, preparing cost estimates, grants and funding acquisition, water and wastewater system design, permitting, construction phase services, project management, permit to operate and project closeout. Using traditional business practices and the latest technology, Alliance Consulting Engineers, Inc.'s mission is to demonstrate a commitment to clients through responsiveness, experience, and quality results. Throughout our eighteen (18) year history, Alliance Consulting Engineers, Inc. has successfully completed over two-thousand one-hundred fifty (2,150) engineering projects, spanning all forty-six (46) counties in South Carolina. These projects range in professional fees from one (1) thousand dollars to over \$6 million dollars.

Our company believes in acquiring and maintaining a workload that matches our ability to produce a quality product in a timely manner, and to this date we have been very successful. Alliance Consulting Engineers, Inc. has assembled a very capable team of professionals with the experience and knowledge required to successfully complete water and wastewater related projects. In addition, Alliance Consulting Engineers, Inc. has extensive experience with Federal Grant Funding projects.

Alliance Consulting Engineers, Inc.  
Post Office Box 8147 Columbia, SC 29202-8147 Phone 803 779-2078 Fax 803 779-2079 [www.allianceCE.com](http://www.allianceCE.com)

Bluffton, SC | Charleston, SC | Charlotte, NC | Columbia, SC | Greenville, SC

Mr. Jake Broom  
Chief Operating Officer  
Municipal Association of South Carolina  
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Our Project Team has highly qualified personnel led by Mr. Deepal S. Eliatamby, P.E., President of Alliance Consulting Engineers, Inc. Mr. Adam Hogan, P.E. or Mr. William “Bret” Godwin, P.E., will be the main points of contact for the Municipal Association and Local Government staff on potential projects for Engineering Services for Various Water and Wastewater Projects and On Call Services. Mr. Hogan, Mr. Godwin and our experienced staff offers professional design services of water and wastewater systems, including Water Distribution, Wastewater Collection System, Pump Station and Force Main Conveyance Design, Related Permitting, Surveying, Construction Plan Preparation, Technical Specifications and Contract Documents Preparation, Bidding and Award Services, and Construction Administration and Construction Observation Services. This collective group of individuals brings a wealth of experience and knowledge of local and state regulatory and permitting requirements, and familiarity with local and regional construction practices.

Alliance Consulting Engineers, Inc.’s approach to efficient and streamlined project execution encompasses professional expertise and the latest computer technology. This approach, coupled with our commitment to providing a quality product enables Alliance Consulting Engineers, Inc. to provide our clients with a cost-effective and efficient solution to their engineering needs. Our specific experience with conceptual planning, water and wastewater design, together with associated civil disciplines, enables us to identify and evaluate needs and deficiencies and determine effective and economical solutions for our clients.

Thank you for giving us this opportunity to provide this Statement of Qualifications for Engineering Services for Various Water and Wastewater Projects and On-Call Services. The Alliance Consulting Engineers, Inc. team stands ready to offer our combined experience and professional dedication to achieve high quality results for the Municipal Association of South Carolina. If you have any questions or comments, please do not hesitate to contact us at (803) 779-2078.

Very truly yours,

ALLIANCE CONSULTING ENGINEERS, INC.

A handwritten signature in blue ink, appearing to read 'D. Eliatamby', is written over the typed name below.

Deepal S. Eliatamby, P.E., SCCED  
President

Enclosure

**Statement of Qualifications  
Engineering Services for Various  
Water and Wastewater Projects and On-Call Services**



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Chief Operating Officer  
Municipal Association of South Carolina  
Post Office Box 12109  
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**Alliance Consulting Engineers, Inc.**  
Post Office Box 8147  
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Proposal Number: P22141-A, B

**October 17, 2022**

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## 1. Technical Approach / Understanding

Alliance Consulting Engineers, Inc. is a multi-disciplined professional engineering firm with extensive experience in providing consulting engineering services for water- and wastewater-related projects throughout the State of South Carolina as detailed throughout this Statement of Qualifications, as well as many other similar Infrastructure projects.



Through this experience, Alliance Consulting Engineers, Inc.'s qualified staff understands the critical nature of Water and Wastewater Improvement projects to Water and Wastewater Utilities and their customers. Alliance Consulting Engineers, Inc. has successfully completed or is currently working on Water and Wastewater projects for the Beaufort Jasper Water and Sewer Authority (BJWSA), Lancaster County Water and Sewer District (LCWSD), Greer Commission of Public Works (CPW), Startex-Jackson-Wellford-Duncan (SJWD) Water District, Town of Williamston, City of Columbia, Town of Bowman, Town of Estill, City of Bishopville, Town of St. Matthews, Town of Wagener, Clarendon County, Lexington County, Orangeburg County and many other municipalities to name a few and has the expertise to provide this service to the Municipal Association of South Carolina (MASC) and Local Governments. These projects required Alliance Consulting Engineers, Inc. to work closely with staff at the various water and wastewater utilities, the South Carolina Department of Health and Environmental Control (SCDHEC), the South Carolina Department of Transportation (SCDOT), and local County Public Works and/or Roads Departments in order to bring the projects to a successful completion.

Alliance Consulting Engineers, Inc.'s understands MASC's commitment to assist Local Governments in providing critical core services of water and wastewater and the importance of these services to each community's quality of life and economic vitality. Local Governments are in unprecedented times with large sums of federal funding available to aid in improving water and wastewater systems, including upgrades to thousands of miles of pipes, pump stations and water and wastewater treatment plants that provide high quality drinking water and wastewater services. These projects will require professional engineering services to assist with the study, design and/or construction of the capital improvement projects. Specializing in civil engineering, Alliance Consulting Engineers, Inc. has the capabilities to provide the required engineering design, permitting and construction of systems and has participated in all stages of the development from system-wide studies to the design and construction observation of individual projects.

Alliance Consulting Engineers, Inc. takes a proactive approach to completing its projects, which is mainly derived from its work with fast-paced private sector clients and projects. This approach allows its staff to foresee potential issues and delays and address them prior to becoming an issue. This includes communications with regulatory agencies and contractors, making these groups a part of the project team and a partner to a successful project completion.

The Various Water and Wastewater Projects and On-Call Services will include the following Scope of Services:

### **Conceptual Plan / Project Scope**

Alliance Consulting Engineers, Inc. understands that MASC's Various Water and Wastewater Projects and On-Call Services may encompass studies, evaluations, water, and wastewater improvements. The first step will be to discuss and confirm the project scope, desired goals, and outcome, and transfer knowledge about the existing facilities and systems, drainage area and affected property owners, and become familiar with utility standards (i.e., specifications, details, etc.) and procedures, meeting with MASC and Local Governments, if necessary.

### **Proper Due Diligence**

Coordination and planning are very important elements in the design of Water and Wastewater projects related to Local Governments' facilities. Alliance Consulting Engineers, Inc. staff strives to see the "big picture" when working on projects and will familiarize themselves with the project site by visiting the project location. Alliance Consulting Engineers, Inc. will coordinate the required project disciplines that may include Environmental, Wetlands, Surveying, and Electrical. Alliance Consulting Engineers, Inc. will take the lead of our list of proposed sub-consultants for these disciplines.

### **Preliminary Design Meetings**

If there are topographical, sensitive environmental or property owner challenges identified with the project, Alliance Consulting Engineers, Inc. will first discuss with MASC and Local Governments, before meeting with the regulatory agents such as South Carolina Department of Health and Environmental Control to validate project assumptions, recommended approach and agree upon a path forward, before the substantial effort of preparing design calculations and Construction Plans.

### **Construction Plans and Specifications**

Dependent on the scope of the project, this could include existing conditions, site plans, water line plans, wastewater line plans and profiles, structural drawings, electrical drawings, stormwater plans, erosion control plans and construction detail drawings and the tasks are split among our team as needed based on team members strengths. Prior to submittal for agency approval, Alliance Consulting Engineers, Inc. will submit preliminary plans and specifications to MASC and the Local Government for review and approval. Comments from MASC and the Local Government will be addressed before a permit review package will be submitted to the appropriate agencies for their approval and permit issuance.

### **Permitting**

Water and Wastewater Projects may fall under the jurisdiction of several regulatory agencies within the State of South Carolina. These agencies may include the South Carolina Department of Environmental Health and Control (SCDHEC) Bureau of Water, the South Carolina Department of Transportation (SCDOT) and the United States Army Corps of Engineers (USACE). Alliance Consulting Engineers, Inc. project personnel have worked successfully with each of these agencies across South Carolina and have developed excellent working relationships with its personnel. Due to the familiarity with the expectations of these regulatory personnel, Alliance Consulting Engineers, Inc. can ensure timely permitting and approval of submissions. Once a permit package is submitted, our staff will provide regular follow up to address any comments or concerns of the regulatory agency until the final approvals and construction permits are issued.



### **Bidding and Award**

Once these plans are approved by both MASC, the Local Government, and regulatory agencies, bid plans and an updated Construction Cost Estimate will be prepared. Alliance Consulting Engineers, Inc. will assist, as requested by MASC and the Local Government, in the bidding process. We are willing to advertise for bids, distribute bidding documents, receive and process contractor deposits or charges for the bidding documents, maintain plan holders list, and conduct pre-bid conferences if deemed necessary.



During the bidding process Alliance Consulting Engineers, Inc. will issue Addenda as appropriate to clarify the Bidding Documents; consult with MASC and the Local Government as to the acceptability of subcontractors, suppliers, and other individuals and entities proposed by the contractor for those portions of the project as to which such acceptability is required by the Bidding Documents; attend pre-bid meetings and the bid opening; prepare Bid Tabulation sheets, Bid Comparison sheets, and assist MASC and the Local Government in evaluating bids or proposals; and assemble and provide recommendations for the award of contracts for the project.

### **Construction Administration and Observation**

After the Local Government has awarded the construction contract, the Water and Wastewater Project Team will move directly into the Construction Administration and Construction Observation phase of the project. During this phase of the project, Alliance Consulting Engineers, Inc. will participate in the Pre-Construction conference as appropriate, assist MASC and the Local Government in establishing baselines and benchmarks for identifying the work if necessary to enable the contractor to proceed with construction. In connection with observations of the work in progress, Alliance Consulting Engineers, Inc. will make site visitations at intervals appropriate to the current stages of construction, as necessary. These site visits will be conducted in order to observe the progress and quality of the work completed. Based on information obtained during such visits and observations, the engineer will determine in general if the contractor's work is proceeding in accordance with the Contract Documents, and notify MASC and the Local Government of progress at the site. All instructions from MASC or the Local Government to the contractor will be issued through Alliance Consulting Engineers, Inc., who shall have authority to act on behalf of MASC and the Local Government in dealings with contractor to the extent agreed upon for the particular project.



As construction continues, Alliance Consulting Engineers, Inc. would have authority to approve or reject the contractor's work while it is in progress if we believe such work will not produce a completed project conforming to the Contract Documents or that it will compromise the integrity of the design. If necessary, clarifications and interpretations of the Contract Documents will be issued to assure orderly and acceptable completion of work, recommendations of Change Orders, and Work Change Directives will be provided to MASC and the Local Government for review and approval. Alliance Consulting Engineers, Inc. will



review and recommend for payment the Pay Requests submitted by the selected contractor to MASC and the Local Government for approval and payment.

As construction approaches completion, Alliance Consulting Engineers, Inc. will receive, review, and transmit to MASC and the Local Government the contractor's Completion Documents, which may include maintenance schedules and operating instructions, equipment guarantees; bonds, certificates; certificates of inspection, tests and approvals; shop drawings; and the annotated record documents which are to be assembled by Contractor in accordance with the Contract Documents to obtain final payment.

Promptly, after notice from the contractor that the entire work is ready for its intended use, Alliance Consulting Engineers personnel, accompanied by representatives of MASC, the Local Government, and the Contractor, will conduct a final inspection to ascertain if the work is "substantially complete". If after considering any objections of the client, all parties agree the work is "substantially complete", Alliance Consulting Engineers, Inc. will deliver a Certificate of Substantial Completion to the Local Government and the contractor. At this time, Alliance Consulting Engineers, Inc. will conduct a final payment inspection to determine if the completed work of the contractor is acceptable so that we may recommend, in writing, final payment.



Alliance Consulting Engineers, Inc. understands that these Water and Wastewater projects will be long-term assets of Local Governments and our company will be a committed partner. We pledge to allocate the resources necessary to provide Local Governments with on-going project assistance.



## 2. Work Management Plan / Experience of Proposed Personnel

Alliance Consulting Engineers, Inc. is a multi-disciplined engineering firm with a staff that includes a wide range of experience and expertise. Our team, led by Mr. Deepal Eliatamby, P.E., SCCED and supported by Mr. Adam R. Hogan, P.E. and Mr. William “Bret” Godwin, P.E. will ensure that the project team assigned to the Municipal Association of South Carolina (MASC) and the Local Governments’ projects provides quality service in a responsive manner. Alliance Consulting Engineers, Inc. will provide MASC and the Local Governments with professional results through knowledge gained from experience, quality service, and responsiveness. Our project team will provide the depth of resources, diversity and the experience needed to complete the Engineering Services for the Various Projects and On Call Services Projects for the MASC and the Local Governments. Alliance Consulting Engineers, Inc.’s approach to efficient and streamlined project execution encompasses professional expertise and the latest computer technology. This approach, coupled with our commitment to providing a quality product, enables our firm to provide our clients with cost-effective and efficient solutions to their engineering needs.



Alliance Consulting Engineers, Inc. is a professional, civil and environmental engineering firm providing technical consulting services to special purpose districts, municipalities, county governments, utilities, developers, industries, architects, institutions and other private entities. Alliance Consulting Engineers, Inc. was founded on the concept that our clients want in-depth personnel involvement for today’s complex projects. Our hands-on approach guides the client from conceptual planning through final design, permitting and construction. Using traditional business practices and state-of-the-practice technology, Alliance Consulting Engineers, Inc.’s mission is to demonstrate our commitment to our clients through responsiveness and quality results.

The professionals at Alliance Consulting Engineers, Inc. have a combined experience of over three-hundred fifty (350) years. Our project personnel have extensive experience in water and wastewater system planning and design. We offer Grant Application and Administration Services, as well as Construction Administration and Construction Observation. Our professionals are skilled in permitting, regulatory compliance assistance and many other consulting services. We will be glad to discuss specific needs and objectives, evaluate regulatory issues and, if needed, to develop a cost-effective services program to address them, including discussions with regulatory agencies for acceptable solutions.

Mr. Adam R. Hogan, PE, is located in our Upstate Regional Office in Greenville, South Carolina and Mr. Bret Godwin, PE, is located in Low Country Regional Office in Charleston. Mr. Hogan and Mr. Godwin will serve as the main points of contact for the client and Project Manager depending on the location of the project. Mr. Deepal S. Eliatamby, PE, is located in Columbia, South Carolina, and will provide oversight and help coordinate with key agencies as needed. Our corporate headquarters’ strategic location in Columbia provides easy access to the State and Federal jurisdictional agencies, as well as funding agencies such as the South Carolina Department of Commerce (SCDOC) and South Carolina Rural Infrastructure Authority (SCRIA) which are located in the same building



**Deepal S. Eliatamby, P.E., SCCED**  
*President / Senior Project Manager*  
*Corporate Office*



Mr. Eliatamby has almost thirty-three (33) years of experience in the consulting engineering field, including extensive water and wastewater planning, design, permitting and industrial site development and master planning. Mr. Eliatamby founded Alliance Consulting Engineers, Inc. in 2004 and is President of the company.

Mr. Eliatamby's drive to improve the economic status of the State of South Carolina has led him to coordinate the South Carolina Economic Development Association's Advanced Symposium for nineteen (19) years, as well as serve as the lead instructor presenting "Infrastructure Needs for the Economic Development Professional" since the inception of the program. He routinely teaches the Water and Wastewater class held by MASC elected officials.

Mr. Eliatamby's genuine interest in exceeding the needs of the client, relentless attention to detail, and innovative design alternatives have earned him several honors and awards from professional organizations including Engineering Excellence Awards in 1993, 1999, 2000, and 2003 from the Consulting Engineers of South Carolina (CESC), National Finalist for Engineering Excellence Awards in 1993, 1999, 2000, and 2003 from the American Consulting Engineers Council (ACEC), and the Distinguished Community and Rural Development Award in 2001 at the Governor's Rural Summit.

Mr. Eliatamby's extensive experience in the water and wastewater sector and leadership will be valuable in the successful completion of any project for the MASC and the Local Government.

**Adam R. Hogan, P.E., LEED Green Associate**  
*Regional Manager / Senior Project Manager*  
*Upstate Regional Office*



Mr. Hogan has over twenty (20) years of experience in the consulting engineering field. Mr. Hogan's extensive knowledge and experience will be valuable in the successful completion of any Water and Wastewater Planning and Development. Mr. Hogan serves as a Senior Project Manager for county, municipal, industrial and commercial projects. Mr. Hogan's responsibilities include water and wastewater system planning and design for water and wastewater providers such as Renewable Water Resources, Spartanburg Water, Spartanburg Sewer District, Gaffney Board of Public Works, Greer Commission of Public Works, Effingham County, Lancaster County Water and Sewer District, Town of Estill, Town of Williamston and others. During his previous work experience, Mr. Hogan has served as the Technical Lead for Water System Modeling and has worked on system wide models across South Carolina and in Bedford County, Virginia.



Mr. Hogan works directly with Project Managers responsible for projects in all phases of development including project management, research, planning, water and wastewater infrastructure studies, preparation of Capital Improvement Plans (CIP's), preparation of Preliminary Engineering Reports (PER's), report preparation, design, calculations, bidding and award, permitting, and construction administration. Mr. Hogan serves as the Immediate Past Chair in the Blue Ridge District of the Water Environment Association of South Carolina signifying him as a leader in the water and wastewater field. Mr. Hogan is currently working on a Water and Wastewater Infrastructure Studies and Plans for the Chester County, Clarendon County, Dorchester County, Effingham County, Lancaster County, Richland County, Town of Estill and Beaufort-Jasper Water and Sewer Authority. He will work closely with Mr. Eliatamby and other team members for the successful completion of the Engineering and Planning Services for any project for MASC and the Local Governments.

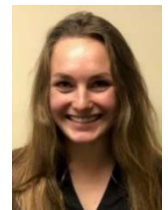
***William "Bret" Godwin, P.E., LEED Green Associate  
Regional Manager / Senior Project Manager  
Lowcountry and Charleston Regional Office***



Mr. Godwin has over twenty-five (25) years of experience in engineering and project management. Mr. Godwin serves as a Senior Project Manager for municipal, county, industrial and commercial projects. Mr. Godwin's vast knowledge and experience will be valuable in the successful completion of the any Water and Wastewater Planning and Development. Mr. Godwin's specialties include water and wastewater planning and design, roadway and drainage design, management of project team personnel, production schedules and budgets, design and site engineering for municipal, industrial sites/parks, and commercial developments from inception through construction. Other responsibilities include producing engineering reports, preparing cost estimates and applying for and obtaining the appropriate variances, permits, easements for construction and operation of all aspects of development. Mr. Godwin will work closely with Mr. Eliatamby, Mr. Clampitt, Mr. Hogan and other team members to ensure the successful completion of the Engineering and Planning Services for any project for MASC and the Local Governments.



***Harlie M. Wdowiak, E.I.T, LEED Green Associate  
Engineering Associate  
Upstate Regional Office***



Ms. Wdowiak serves as an Engineering Associate for Water and Wastewater System Planning and Design and Environmental related projects, with responsibilities that include water and wastewater system planning and design for water and wastewater providers to include Renewable Water Resources, Spartanburg Water, Spartanburg Sewer District, Gaffney Board of Public Works, Greer Commission of Public Works, Lancaster County Water and Sewer District, Town of Estill, Town of Williamston and others. Ms. Wdowiak works directly with Project Managers in producing engineering reports, preparing permitting documents, preparing cost estimates, and preparing conceptual site plans for water and wastewater projects.



**Curtis J. McClelland**  
*Engineering Associate*  
*Upstate Regional Office*



Mr. McClelland serves as an Engineering Associate for Water and Wastewater Projects. Mr. McClelland’s responsibilities include water system and wastewater system evaluation and studies. Mr. McClelland will work under the direction of Mr. Eliatamby, Mr. Hogan and along with other project team members to ensure any project for MASC and the Local Governments is completed on budget and on schedule.



**Marielle N. van Vulpen, E.I.T**  
*Engineering Associate*  
*Upstate Regional Office*



Ms. van Vulpen serves as an Engineering Associate for municipal, county, industrial, and commercial projects. Ms. van Vulpen responsibilities include planning and design, storm drainage, roadway, water system and wastewater system design. Additional responsibilities include the preparation of site certifications and due diligence reports, topographic and boundary surveys, cost estimates, preliminary engineering reports, Stormwater Pollution Prevention Plans (SWPPP), and coordinating with regulatory agencies to ensure compliance with regulatory, bidding and award of projects, completion of on-site construction administration and construction observation, and Certified Erosion Prevention and Sediment Control Inspections (CEPSCI).



Alliance Consulting Engineers, Inc.’s hand-picked project team of technical experts for the Municipal Association of South Carolina’s Request for Qualifications for Engineering Services for Various Water and Wastewater Projects and On-Call Services are truly “The Best in the Business” and will use their combined level of outstanding local knowledge and expertise to guide the project from inception to completion in a seamless manner. The aforementioned project team members, along with additional technically-trained personnel and support staff will provide MASC and Local Governments with the depth of knowledge and resources required to complete the Water and Wastewater Projects and On-Call Services.



### 3. Experience of the Firm



It is Alliance Consulting Engineers, Inc.'s understanding that the Municipal Association of South Carolina (MASC) is seeking qualifications from professional engineering firms with experience in providing Local Governments with consulting engineering services for Water and Wastewater related projects. As a consulting engineering firm specializing in Civil and Environmental engineering, Alliance Consulting Engineers, Inc. has the capabilities to provide the required engineering design and permitting and has participated in all stages of the development for water and wastewater-related projects from system-wide studies to the design and construction observation of those planned improvements.


















Alliance Consulting Engineers, Inc. personnel have over three-hundred fifty (350) years of combined consulting experience. Our experienced personnel offer preliminary planning, professional design services, comprehensive knowledge of regulatory requirements, and familiarity with local and regional construction practices. Alliance Consulting Engineers, Inc. personnel have worked on every aspect of water and wastewater system projects throughout South Carolina. Tasks associated with these projects include system-wide studies and planning, conceptual design, preliminary cost estimation, cost/funding-based conceptual phasing layouts, engineering design, hydraulic modeling, construction cost estimating, regulatory permitting, and construction administration and construction observation. Our project team is dedicated to guiding MASC and Local Governments through all phases of planning, design, permitting, construction, and permit to operate until they are fully operational for the intended use.

Following is a partial list of water and wastewater related projects that are in progress or have been completed by Alliance Consulting Engineers, Inc. More details can be provided on these projects upon request. Following this partial project list is a list of several references familiar with our services.

#### Distribution – Water Systems


<ul style="list-style-type: none"> <li>• Town of Wagener Water System Improvements along Railroad Avenue and SC Highway 302</li> <li>• Town of Wagener Water System Improvements associated with CDBG Funding</li> </ul>	 
<ul style="list-style-type: none"> <li>• Water Distribution System Capital Improvements Plan for the Town of Williamston</li> <li>• Water Meter System Upgrade for the Town of Williamston</li> <li>• 2017 System Wide Small Waterline Improvements Project for the Town of Williamston</li> <li>• ± 100-LF of 2-Inch Waterline Extension beneath SC Highway 81 to serve a new 7-Eleven at I-85 and SC Highway 81 Powdersville Water District</li> </ul>	   

<ul style="list-style-type: none"> <li>• USDA Rural Development Water Grant Services for Bamberg County</li> <li>• Water Service Extension to the Civic Center in the City of Bamberg</li> </ul>	 
<ul style="list-style-type: none"> <li>• Pigeon Point Neighborhood ±14,000-LF Galvanized 2-Inch Water Line Replacement</li> </ul>	
<ul style="list-style-type: none"> <li>• Town of St. Matthews Water System Improvements along Huff Road and Dantzler Street</li> <li>• United States Department of Agriculture’s Rural Development (USDA-RD) Funded Water System Improvements for St. Matthews</li> </ul>	 
<ul style="list-style-type: none"> <li>• Project Berry Water Improvements at the Upstate Corporate Park</li> </ul>	
<ul style="list-style-type: none"> <li>• L &amp; C Development Corporation - Water System Improvements at L&amp;C Brown Industrial Tract</li> </ul>	
<ul style="list-style-type: none"> <li>• Phase I Infrastructure Waterline Improvements for the I-95 Mega Site</li> <li>• Phase I Rural Water System Improvements along the Highway 260 Corridor</li> <li>• Town of Turbeville USDA-RD Phase I Water Grant Services</li> <li>• ± 29,568-LF Water Line Extension along Raccoon Road between US Highway 301 and SC Highway 260</li> <li>• New 250,000-Gallon Elevated Water Storage Tank, 760 Gallon Per Minute (GPM) Groundwater Well, Wellhouse, and Treatment System along SC Highway 260</li> </ul>	    
<ul style="list-style-type: none"> <li>• Water, and Wastewater at the I-20 Industrial Park Design and Improvement ± 3,000-LF Waterline and ± 2,900-LF Wastewater Line</li> </ul>	
<ul style="list-style-type: none"> <li>• Phase I and Off-Site Improvements at the Fairfield Commerce Center</li> <li>• Assessment of Town of Winnsboro Water and Wastewater Systems</li> </ul>	 

<ul style="list-style-type: none"> <li>Water Availability and Wastewater Treatment Assessment to serve the ± 164-Acre Scranton Site</li> </ul>	
<ul style="list-style-type: none"> <li>CDBG Lawton and Second Street Water Improvements Project Town of Estill</li> <li>± 4,000 LF 6-Inch Waterline Extension for the Town of Estill</li> </ul>	 
<ul style="list-style-type: none"> <li>Baker Court Waterline Replacement Project City of Hardeeville</li> <li>Design and Permitting for Installation of Two (2) – Sixteen (16) inch diameter casing pipes for Beaufort Jasper Water &amp; Sewer Authority</li> </ul>	 
<ul style="list-style-type: none"> <li>Waterline Improvements to Serve the Speculative Building at the Steeplechase Industrial Park</li> <li>Engineering Services to Design and Manage Construction of a ± 11,000-LF Water Line Project Governor’s Hill Industrial Park</li> </ul>	 
<ul style="list-style-type: none"> <li>Waterline Relocation at SC Highway 9 and Potter Road</li> </ul>	
<ul style="list-style-type: none"> <li>Water Service Improvements to Serve the Saxe Gotha Industrial Park</li> <li>Water &amp; Wastewater Improvements along 12<sup>th</sup> Street Extension at Saxe Gotha Industrial Park Phase II</li> <li>Phase I Water &amp; Wastewater System Improvements at Batesburg-Leesville Industrial Park</li> </ul>	  
<ul style="list-style-type: none"> <li>Due Diligence Services &amp; Assessment for George H. Connelly Water Treatment Plant</li> <li>Improvements for the George H. Connelly Water Treatment Plant</li> </ul>	 
<ul style="list-style-type: none"> <li>Risk &amp; Resilience Assessment and Emergency Response Plan for the City of Westminster</li> </ul>	


















<ul style="list-style-type: none"> <li>• One Million Gallon Water Tank at the Matthews Industrial Park</li> <li>• Water Tank Improvements for the Town of Bowman</li> <li>• Extension of ± 34,320-LF of 12-Inch Water Main along Homestead Road</li> <li>• Water Main Replacements within the Town of Bowman</li> <li>• Water Line Extension along US Highway 176 and Woolbright Road</li> <li>• Silver Springs Water District Water Extensions along Wire Road and Pitside Road</li> <li>• ± 25,000-LF of 12-Inch Water Line Extension along SC Highway 210</li> <li>• Town of Bowman Water System Improvements to Serve Nature Park</li> <li>• Preliminary Engineering Report for the Town of Bowman</li> <li>• ± 89,760-LF of 12-Inch, 8-Inch, and 3-Inch Water Main Improvements along US Highway 176</li> <li>• ± 520-LF of 6-Inch Water Main Improvements for the Town of Bowman</li> <li>• Corrective Action Plan for the Town of North's Water System</li> <li>• ± 2,000-LF of Water Line Improvements at the Western Orangeburg County Industrial Park</li> <li>• Coordination of an Altitude Valve at the Town of Bowman's Existing 100,000 Gallon Elevated Water Storage Tank</li> </ul>	
<ul style="list-style-type: none"> <li>• Water Main Relocation &amp; Pressure Reducing Valve at Pineview Road and Water Main Extension along Longwood Road</li> </ul>	
<ul style="list-style-type: none"> <li>• ± 3,250-LF 6-Inch and ± 3,845-LF 12-Inch Water Main Extensions within Velocity Park for Greer Commission of Public Works</li> <li>• New ± 1,700-LF of 12-Inch SJWD Waterline to Serve Project Cedar at Tyger River Industrial Park North</li> <li>• New ± 1,450-LF of 12-Inch SJWD Waterline along International Drive</li> <li>• Water Connection for a ± 2-Acre RV Storage Facility Site at 420 Mount Pleasant Road</li> </ul>	
<ul style="list-style-type: none"> <li>• Water System Improvements to Serve Project Stanley</li> <li>• Water Improvements for the Fire Suppression Tanks and Booster Pump Stations to Serve the Dollar General Distribution Center Facility</li> </ul>	

- Digital Mapping Services Associated with the Riverview Rural Community Water District Water System 

Wastewater Systems

<p>Aiken County</p>	<ul style="list-style-type: none"> <li>Abandonment of Existing Wastewater Pump Station and Replacement of Two (2) New Self-Priming Pumps and Wet Well Town of Wagener</li> </ul>	
<p>Anderson County</p>	<ul style="list-style-type: none"> <li>Feasibility Study for ReWa to Provide Wastewater Service to the Town of Williamston</li> <li>± 4,000-LF of Gravity Wastewater Line Replacement along East 1<sup>st</sup> Street in the Town of Williamston</li> <li>± 1,000-LF of Wastewater Line I&amp;I Grouting Pilot Phase along Shirley Drive in the Town of Williamston</li> <li>± 14,000-LF of Wastewater Line I&amp;I Grouting Phase 1 in the Town of Williamston</li> <li>± 4,225-LF Gravity wastewater Trunk Line Replacement from Big Creek East to Main Street in the Town of Williamston</li> <li>± 500-LF Replacement of Big Creek WWTP Effluent Line Town of Williamston</li> </ul>	
<p>Calhoun County</p>	<ul style="list-style-type: none"> <li>Wastewater Treatment Plant Discharge Modification for the Town of St. Matthews</li> <li>Town of St. Matthews Force Main Replacement for Guess Farm’s Pump Station</li> </ul>	<p>Town of St. Matthews                  Town of St. Matthews</p>
<p>Cherokee County</p>	<ul style="list-style-type: none"> <li>± 8-Inch Gravity Line, 6-Inch Force Main Pump Station to Serve the ± 356-Acre Sunny Slopes Corporate Park</li> <li>Water and Wastewater Infrastructure Evaluation for the ± 356-Acre Sunny Slopes Corporate Park near City of Gaffney</li> <li>Pump Station and ± 38,000-LF of 2-Inch Force Main to Serve the ± 356-Acre Sunny Slopes Corporate Park</li> </ul>	
<p>Chester County</p>	<ul style="list-style-type: none"> <li>Wastewater Line Improvements at L &amp; C Brown Industrial Tract</li> <li>Tract “O” Wastewater Pumping Station and Force Main</li> <li>Wastewater Infrastructure Improvements for the ± 111-Acre Puschell Site off SC Highway 9 at I-77</li> <li>Phase I &amp; Phase II ESA Assessment of the Wastewater Lagoons on the ± 8-Acre Parcel 8 on the Springsteen Property</li> <li>New 2,000-GPM Pump Station near the Town of Fort Lawn and ± 35,000 LF of 20-Inch and 24-Inch Force Main to Serve Project ECO on the Tract M and Springsteen Site</li> </ul>	

Clarendon County	<ul style="list-style-type: none"> <li>Phase I Construction Improvements for the I-95 Mega Site</li> <li>SCDHEC PER &amp; ND Permit Modification for Upgrades to Town of Turbeville Wastewater Treatment Plant</li> <li>Off-Site Wastewater Improvements to Serve the Sallie Alderman Industrial Site</li> <li>Wyboo Plantation Wastewater Treatment Plant Flow Diversion to the City of Manning Wastewater Treatment Facility</li> </ul>	   
Colleton County	<ul style="list-style-type: none"> <li>± 3,500-LF of 10-inch and 12-inch Gravity Wastewater Line along Robertson Boulevard in the City of Walterboro</li> </ul>	
Darlington County	<ul style="list-style-type: none"> <li>Water and Wastewater at the I-20 Industrial Park</li> </ul>	
Dorchester County	<ul style="list-style-type: none"> <li>Wastewater System Improvements to Serve the Muckenfuss Site</li> </ul>	
Fairfield County	<ul style="list-style-type: none"> <li>Assessment of the Town of Winnsboro Water and Wastewater Systems</li> </ul>	
Florence County	<ul style="list-style-type: none"> <li>New 200,000 GPD Wastewater Pumping System Town of Olanta</li> <li>Wastewater Treatment Assessment to serve the ± 164-Acre Scranton Site</li> <li>Preliminary Engineering Report for a New WWTP to Serve the ± 164-Acre Scranton Industrial Park</li> </ul>	 
Greenville County	<ul style="list-style-type: none"> <li>Preliminary Engineering Report for Eliminating the Chelsea Woods Subdivision Pump Station for Renewable Water Resources</li> <li>18-Inch, 16-Inch, 12-Inch, and 8-Inch Gravity Wastewater Line to Eliminate Peppertree Pump Station Nos. 1 &amp; 2 for Renewable Water Resources</li> <li>Pump Station and ± 1,200-LF of 6-Inch Force Main to Serve the ± 90-Acre Harrison Valley Subdivision for NHB Development, LLC</li> <li>Bobo Street Wastewater Line Replacement in the City of Greer</li> <li>Design and Permitting of the Pump Station and ± 4,000-LF of Force Main to serve the 34-Acre Oakton Subdivision for Greer Commission of Public Works</li> <li>Professional Engineering Services for the 750-GPM Greer High School Pump Station Upgrade in the City of Greer</li> </ul>	    

Hampton County	<ul style="list-style-type: none"> <li>• Prison Wastewater Pump Station Upgrades with RIA Grant Application Services</li> <li>• Effluent Spray Field Compliance Related Services</li> <li>• CDBG Liberty Avenue North Wastewater Line Upgrade Project</li> <li>• Town of Estill Wastewater Treatment Plant (WWTP) NPDES Permit Renewal</li> </ul>	   
Jasper County	<ul style="list-style-type: none"> <li>• Central Wastewater Treatment Plant Expansion of the Jimmy Mixon Water Reclamation Facility</li> <li>• Design and Permitting for Installation of Two (2) Sixteen (16) inch Diameter Casing Pipes for Beaufort Jasper Water &amp; Sewer Authority</li> </ul>	 
Kershaw County	<ul style="list-style-type: none"> <li>• Heritage Pointe Industrial Park 8-Inch Wastewater Line</li> <li>• 1,200-GPM Pump Station ± 5,100-LF of 12-Inch Force Main and 3 Pump Station Upgrades ± 210-Acre Governor’s Hill Industrial Park</li> <li>• Reclaimed Wastewater Availability for the ± 1,426-Acre Central SC Mega Site</li> </ul>	  
Lee County	<ul style="list-style-type: none"> <li>• Wastewater Line Replacement for Mohawk Neighborhood in the City of Bishopville</li> <li>• Phase I Wastewater Trunk Line Replacement in the City of Bishopville</li> <li>• Edgefield Drive Pump Station Upgrade and Force Main Extension in the City of Bishopville</li> <li>• Phase II Replacement of +/- 2,500 LF of Wastewater Trunk Line in the City of Bishopville</li> </ul>	  
Lexington County	<ul style="list-style-type: none"> <li>• Wastewater Improvements along 12<sup>th</sup> Street Extension at the Saxe Gotha Industrial Park Phase II</li> <li>• Phase I On-Site Wastewater System Improvements at ± 178-Acre Batesburg-Leesville Industrial Park</li> <li>• Wastewater Pretreatment Facility Expansion at the Nephron Pharmaceuticals Corporation Facility</li> </ul>	  
Richland / Lexington County	<ul style="list-style-type: none"> <li>• Wastewater Force Main Lines Assessment</li> </ul>	 
Newberry County	<ul style="list-style-type: none"> <li>• Scott Creek Interceptor Sewer Rehabilitation Project</li> <li>• Industrial Wastewater Discharge Evaluation for the Pioneer Frozen Foods of South Carolina Facility</li> </ul>	 

<p>Oconee County</p>	<ul style="list-style-type: none"> <li>Risk &amp; Resilience Assessment and Emergency Response Plan for the City of Westminster</li> </ul>	
<p>Orangeburg County</p>	<ul style="list-style-type: none"> <li>Goodbys Regional Wastewater Treatment Plant</li> <li>Bowman Avenue Wastewater System Improvements</li> <li>Wastewater System Improvements to Serve the Nature Park</li> <li>Wastewater Pump Station and Force Main to Flying J Facility</li> <li>Permitting Services for the Town of North Wastewater Treatment Plant</li> <li>Permitting Services for the Town of Bowman Wastewater Treatment Plant</li> <li>NPDES Permitting Services for the Town of Branchville Wastewater Treatment Plant</li> <li>USDA-RD Wastewater Grant Services for the Town of Bowman</li> <li>USDA-RD Wastewater Grant Services for Orangeburg County</li> <li>Odor Control Recommendations at the Russell Street Pump Station in the Town of Holly Hill</li> <li>Wastewater System Overflow Remediation Services Town of Elloree</li> <li>Wastewater Treatment Plant Upgrade with RIA Grant Applicant Services for Town of Norway</li> <li>Operation and Maintenance Manual and Start-up Assistance Services for Goodby's Regional Wastewater Treatment Facility</li> <li>Effluent Flow Monitoring Improvements at Wastewater Treatment Plant (WWTP) and Land Application Site (LAS)</li> </ul>	
<p>Richland County</p>	<ul style="list-style-type: none"> <li>Fairfield Electric Cooperative, Inc. Wastewater System Improvements to Serve the Headquarters Facility</li> <li>Wastewater System Design to Serve the Metso Minerals Facility</li> <li>Gravity Wastewater Line along Pineview Road</li> <li>Wastewater Study for Salem Church Road Area</li> </ul>	

<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Spartanburg County</p>	<ul style="list-style-type: none"> <li>• Off-Site Wastewater System Improvements to Serve Tyger River South Industrial Park</li> <li>• ± 5,500-LF of Thirty (30)-Inch Wastewater Line to Serve New Toray Carbon Fibers America, Inc. Facility along SC Highway 290</li> <li>• New Wastewater Line Connection to Serve Trelleborg Wheels Systems</li> <li>• Wastewater Master Plan and Secondary Access Plan Study for the ± 1,400-Acre Flatwood Site</li> <li>• Gravity Wastewater Line Extension Design to Serve Lots 2 and 3 within the Tyger River Industrial Park North</li> <li>• Gravity Wastewater Line Extension Design to Serve Lots 4 and 5 within the Tyger River Industrial Park North</li> <li>• Wastewater Service Study for the Undeveloped Tracts in Velocity Park and Surrounding Area in the City of Greer</li> <li>• ± 1,430-LF of 8-Inch Gravity Line to Serve Sites 31-34 of Velocity Park</li> <li>• New Pump Station and Force Main to Serve the ± 34 Acre River Reserve at Pelham Subdivision in unincorporated Spartanburg County</li> <li>• Phase III Wastewater System Improvement to Serve Lots 10 and 11 at the Tyger River Industrial Park North along SC Highway 290</li> <li>• ± 4,500 LF 10-Inch Gravity Wastewater Line Extension to serve the ± 27-Acre Gray Industrial Realty Property</li> <li>• ± 1,800 of 8-Inch Gravity Wastewater Line Extension along US Highway 29</li> </ul>	
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Union County</p>	<ul style="list-style-type: none"> <li>• Wastewater Systems Improvements to Serve the Dollar General Distribution Facility</li> <li>• Wastewater Systems Improvements to Serve the ± 164-Acre Trakas Industrial Site 2009 and 2011</li> <li>• Risk &amp; Resilience Assessment &amp; Emergency Response Plan for the City of Union Community Water System</li> </ul>	
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">York County</p>	<ul style="list-style-type: none"> <li>• Preliminary Engineering Report for the Upgrade of Wastewater Treatment Plant Nos. 2, 3, and 4 in the City of Tega Cay</li> <li>• Preliminary Engineering Report for the Flow Equalization at WWTP No. 4</li> <li>• Capacity Evaluation for the City of York Fishing Creek Wastewater Treatment Plan</li> <li>• Professional Engineering Services for the City of Tega Cay WWTP Nos. 2, 3 and 4 Upgrades in the City of Tega Cay</li> </ul>	

## References

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### Clarendon County


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#### 4. Familiarity with Federal Funding Requirements




The staff at Alliance Consulting Engineers, Inc. have assisted our clients in obtaining over \$450 million for infrastructure projects funded by the South Carolina Rural Infrastructure Authority (SCRIA), Community Development Block Grant (CDBG), South Carolina Department of Commerce (SCDOC), Jobs-Economic Development Authority (JEDA), , South Carolina Rural Infrastructure Fund (RIF), South Carolina Department of Transportation (SCDOT), United States Department of Agriculture Rural Development Office (USDA-RD), United States Department of Commerce's Economic Development Administration (USDOC-EDA) and other State and Federal agencies over the past eighteen (18) years. In addition, Alliance Consulting Engineers, Inc.'s Corporate office in Columbia is located in the same building or nearby to many of these funding agencies State offices.




SCRIA was created by the General Assembly and a governing board was established in August 2012. The purpose of SCRIA is to select and assist in financing qualified rural infrastructure projects by providing grants and other assistance to local governments, special purpose and public service districts, or public works commissions for constructing and improving rural infrastructure facilities. Adequate infrastructure facilities are an essential element in promoting economic growth and development that will provide jobs for the citizens of South Carolina. No other firm has secured more SCRIA grants for their clients than Alliance Consulting Engineers, Inc., giving our staff extensive experience working with SCRIA staff.



The State of South Carolina, in combination with the United States Department of Housing and Urban Development (HUD), has developed the South Carolina CDBG Program. This Program was conceived to provide financial assistance to local governments to improve economic opportunities. The Office of Grants Administration administers the annual allocation to SCDOC. The CDBG Program at SCDOC assists communities in providing a suitable living environment and expanded economic opportunities. These grants are awarded to units of local government to carry out a wide range of activities, including water and wastewater infrastructure projects. The CDBG Program is run through SCDOC, located in the same building as our Corporate Headquarters. Personnel from Alliance Consulting Engineers, Inc. have developed close working relationships with SCDOC through prior involvement in completed projects.



As designated in the CDBG Program Description, the Jobs-Economic Development Authority (JEDA) administers the Revolving Loan Fund that is capitalized with CDBG program income. JEDA makes grants for loan purposes using CDBG program income generated by loan repayments and other program income, which have been returned to the State from grants made by JEDA and the Office of Grants Administration. JEDA offices and Alliance Consulting Engineers, Inc. headquarters are located in the same building in Columbia allowing unprecedented ease-of-access for our clients.



The United States Department of Commerce Economic Development Administration (USDOC-EDA) is the only federal government agency focused solely on Economic Development. Through strategic investments in economically distressed areas of the United States, the USDOC-EDA strives for job creation and generating private investments. The Economic Development Representative for the State of South Carolina is Ms. Robin Cooley, whose office is located in Columbia. USDOC-EDA offices are less than five (5) minutes from our office and we can see the USDOC-EDA offices from our windows and hand deliver any documents necessary at a moment's notice.



EDA

Once the USEDA Grant has been awarded, Alliance Consulting Engineers, Inc. will continue with assistance throughout the Contract Award, Construction Administration and Observation Services, and Project Close Out. During these phases of the project, Alliance Consulting Engineers, Inc has been coordinating with Mr. Asa Williams, Supervisory Project Manager at USDOC-EDA on numerous projects, including Engineering, Construction Administration and Observation, Grant Administration, and Project Close Out Services for the Town of Estill’s WWTP Upgrades Phase 3 Project in Hampton County and the City of Bishopville’s Edgefield Drive Pump Station Upgrade in Lee County, most recently.

USDA

The United States Department of Agriculture (USDA) are committed to helping improve the economy and the quality of life in rural America. The USDA offers grants and loans to support economic development, create jobs and provide essential services such as water and wastewater, electric and communication infrastructure. The Water and Wastewater Disposal Loan and Grant Program in South Carolina provides funding for clean and reliable drinking water systems, sanitary sewage disposal, sanitary solid waste disposal, and storm water drainage to households and businesses in eligible rural areas. These grants can be used for water and wastewater treatment, distribution, and collection infrastructure facilities that serve local households and businesses. Alliance Consulting Engineers, Inc. worked with USDA most recently on Clarendon County’s Phase 2 Water System Improvements.

SCIIP  
South Carolina  
Infrastructure  
Investment Program

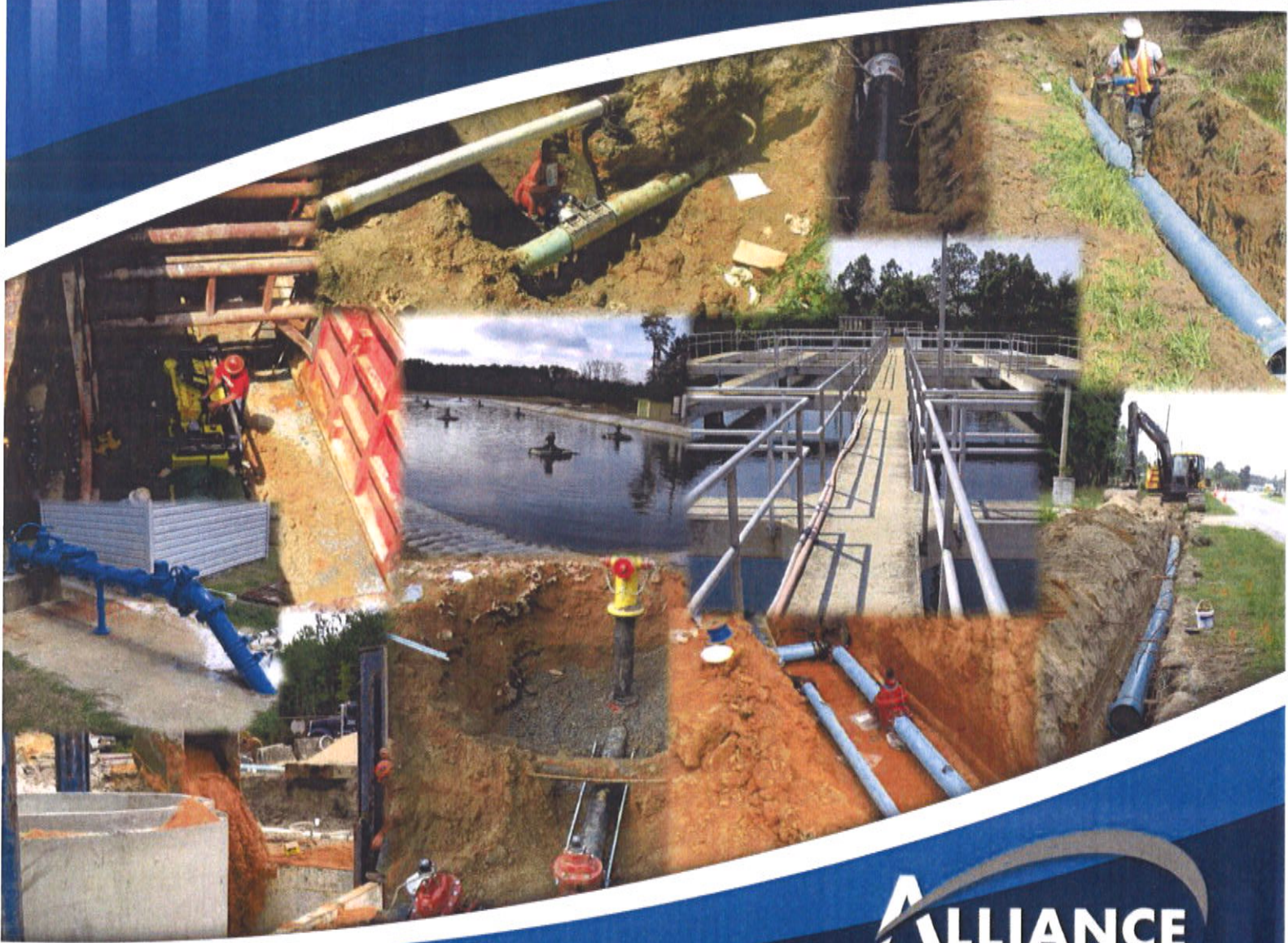
Alliance Consulting Engineers, Inc. is familiar with the major one-time initiative to improve water and wastewater infrastructure in the state using \$900 Million in federal funds through the South Carolina Infrastructure Investment Program (SCIIP) for projects that will have far-reaching community and regional impacts. The SCIIP Grant Application deadline was September 12, 2022, and Alliance Consulting Engineers, Inc. can assist MASC and Local Governments, if it receives SCIIP Funding, in getting this funding spent and projects completed by December 2026 to meet the SCIIP funding requirements.

The SCIIP Grant Program is being administered through SCRIA, whose offices are located in the same building as Alliance Consulting Engineers, Inc.’s Corporate Office in Columbia and has worked with Ms. Bonnie Ammons and her staff throughout the State. Alliance Consulting Engineers, Inc.’s relationship and proximity to SCRIA and its staff allows for preliminary discussions of proposed projects and review of grant applications to be sure the strongest possible application is submitted in the competitive grant process, as well as to administer the projects once awarded.



# Statement of Qualifications Engineering Services for Various Water and Wastewater Projects and On-Call Services

**MASC**  
Municipal Association  
of South Carolina<sup>SM</sup>



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