



ENGINEERING SERVICES FOR SEPTIC TO SEWER, DISTRICT A AND SEPTIC UPGRADE INCENTIVE PROGRAM

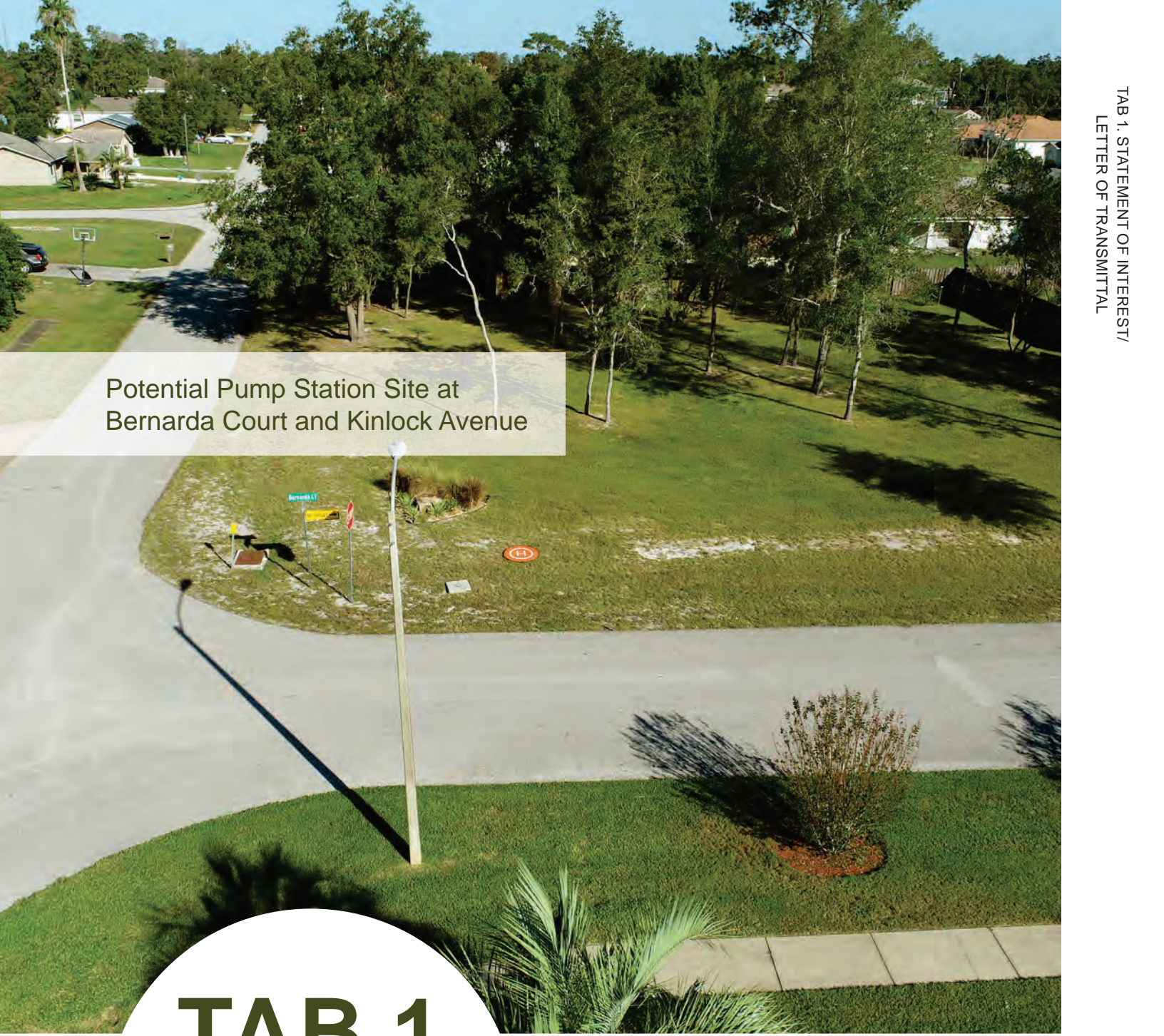


RFQ 21-RG0045/PH
October 20, 2021

ORIGINAL

JonesEdmunds





Potential Pump Station Site at
Bernarda Court and Kinlock Avenue

TAB 1

STATEMENT OF INTEREST AND INTRODUCTION/LETTER OF TRANSMITTAL

October 20, 2021

Hernando County Board of County Commissioners
Attention: Patty Hall
15470 Flight Path Drive, Brooksville, FL 34604

RE: RFQ No. 21-RG0045/PH Engineering Services for Septic to Sewer, District A and Septic Upgrade Incentive Program

Dear Ms. Hall and Members of the Selection Committee:

Coastal Engineering Associates, Inc. (Coastal) appreciates the opportunity to submit the Coastal Team's qualifications for the District A Septic to Sewer and Septic Upgrade Incentive Program project in Hernando County. Coastal has teamed with Jones Edmunds, Government Services Group, Inc. (GSG), and Tierra to provide the most qualified team to support the County for this first phase of the septic to sewer conversion program in Hernando County.

Coastal has been involved with planning, design, environmental, construction, and surveying for a number of projects within the Hernando County community over the past 60-plus years. More specifically, our firm has been involved with the planning, modeling, and master planning of the County's wastewater infrastructure system, which included the conversion of septic areas to centralized sewer. Our team is very familiar and actively involved with the Florida Department of Environmental Protection (FDEP) Septic Upgrade Incentive Program and the Southwest Florida Water Management District (SWFWMD) Cooperative Funding Initiative Program. This knowledge will be critical in ensuring the acquisition of funding and the ability to meet the criteria of that funding throughout the project phases.

Hernando County is home to the Weeki Wachee Spring and has been identified as a key stakeholder in helping to address the nutrient loading identified in the Spring's Basin Management Action Plan (BMAP). As part of the TMDL/BMAP process, onsite storage treatment and disposal systems (OSTDS), also known as septic systems, were identified as a contributor to the nutrient loading being experienced in the County. Hernando County proactively selected Coastal back in 2016 to assess and identify septic tanks located in Hernando County and prepare a phased approach to provide for long term septic to sewer conversion.

The 2016 study identified 30,000 lots in the Spring Hill area currently utilizing OSTDSs or other non-municipal wastewater treatment facilities that could potentially be converted to the County's system. The report identified a number of districts, created based on geographic and physiographic features, that could be served by traditional gravity sewer. The County has chosen to implement a portion of District A as the first phase of the County's septic to sewer program.

Project Specific Knowledge and Understanding

In order for the County's septic to sewer program to be successful in the long term, a firm foundation must be established by your professional team with the initial phase of this project. To achieve that success, the team will need to be able to address multiple elements that go far beyond technical engineering and design. Key elements for a successful program are as follows:

- **Technical Expertise** – Our team was assembled to bring together the technical expertise experienced in the implementation of septic to sewer transition projects. Our team understands the community being served, understands the operations and abilities of the Utilities Department, and is highly skilled in the technical areas required to implement a successful sewer conversion project.
- **Programmatic Septic to Sewer Management** – Area A septic to sewer conversion will be the first phase of many and will require multiple functions to be undertaken concurrently in order to maximize your grant dollars and meet the BMAP criteria. By creating a successful foundation with the first phase, the County will put a program in place to achieve the long-term goals of a successful septic to sewer program. Our team has the horsepower and proficiency to undertake these concurrent elements.
- **Funding Support** – Funding for any large program is a critical component of project success. This funding support goes beyond the initial grant pursuit and successful award. The Coastal Team provides the expertise and understanding necessary to work with the

funding agencies from the application through construction and grant closeout to ensure that all project components comply with the grant requirements.

- **Public Outreach** – Although listed as the last element, this may be the most important component of a successful septic to sewer program. Septic to sewer transition projects are inherently disruptive to the community and require constant communication throughout the process. Our team initiated the first phase of that communication with the County's Master Sewer plan and will continue to build on that success by interacting with impacted citizens throughout the project development and construction phases.

COASTAL'S Experience and Familiarity with Jones Edmunds and County Staff

Coastal has teamed with Jones Edmunds on several previous projects for Hernando County and looks forward to continuing our team-oriented relationship. Our team has an excellent and long-standing working relationship with the key staff of Hernando County as well as SWFWMD and FDEP. These relationships and our extensive knowledge of the area will enhance our ability to identify impacts and complete comprehensive mitigation strategies to complete projects on established schedules and budgets.

The COASTAL Team

Coastal's longstanding experience with Hernando County projects in the community we serve are highlighted in the attached project resumes. Coastal's key personnel assigned under this contract are familiar with project parameters and infrastructure in the Spring Hill community. Partnering with Jones Edmunds, Government Services Group, and Tierra will provide the additional expertise and experience required for the distinct project elements. Project specific experience is highlighted in the personnel résumés included with this response.

Coastal's project manager, Mr. Brian Malmberg, in continuous coordination with key Team members and County staff, will serve as the Project Manager throughout duration of the project.

Summary

Coastal's key staff has a combined professional experience of over 100 years in the provision of cost-effective professional services. Our in-County survey crews and professional staff have the technical expertise and local knowledge to address the multiple elements involved with this project and to execute a successful program for the County's first phase of this septic to sewer program.

I personally take a great deal of pride in delivering the services and products promised at the price established within the agreed-upon scheduled. Coastal looks forward to working with Hernando County and the opportunity to continue serving the community as your design consultant for this septic to sewer conversion project. Please feel free to reach out to me with any questions you may have on our team or our response to this exciting project opportunity.

Thank you,

Cliff Manuel, Jr., P.E., President

cmanuel@coastal-engineering.com

Cell: (352) 279-8996



October 20, 2021

Hernando County Board of County Commissioners
Attention: Patty Hall
15470 Flight Path Drive, Brooksville, FL 34604

324 S Hyde Park Ave, Suite 250
Tampa, FL 33606
800.237.1053

RE: RFQ 21-RG0045/PH Engineering Services for Septic to Sewer, District A and Septic Upgrade Incentive Program

Dear Ms. Hall and Members of the Selection Committee:

Hernando County is home to Weeki Wachee Spring and is a key stakeholder in addressing the nutrient load outlined in the Spring's Basin Management Action Plan (BMAP). As part of the TMDL/BMAP process, septic systems were identified as 30% of the nutrient load to the springshed, triggering the OSTDS Remediation Plan requirement. The Jones Edmunds/Coastal team worked closely with County staff on your Wastewater Master Plan including the BMAP-required OSTDS Remediation Plan. This work included the identifying and prioritizing areas for conversion of septic systems to centralized sewer. As part of our evaluation, we looked closely at the County's District A - Phase I. This project includes removal of over 400 septic systems from service and construction of a centralized sewer system. The initial plan identified the need for three pump stations to be constructed and discharged through a common force main to an existing force main on Commercial Way (US 19). The nitrogen load reduction for this area is 3,805 pounds annually, which is a good start toward the required reduction from septic systems in the Priority Focus Area (PFA). As part of this project, we worked with the County on a successful public outreach program including a public meeting specifically targeted to the residents of District A.

We have also supported the County with expansion of your wastewater treatment facilities and a system hydraulic model. This experience has provided our team with a solid understanding of how the addition of newly sewerred areas will impact your overall wastewater system. We are also very familiar with the Florida Department of Environmental Protection (FDEP) Septic Upgrade Incentive Program. Jones Edmunds participated with the County in your initial calls with FDEP when this program was first considered. Our staff also provided initial support to FDEP when developing the program.

We recognize that project funding is a critical success factor for both the County and your citizens and will provide the needed guidance and documentation to help you leverage your internal resources and maximize grant dollars. We are experienced in working with a broad range of grant funding sources, including the S/F Program, FDEP Springs, State Water Quality Grant Program, state legislative appropriations, Cooperative Funding Initiative (CFI), and others. We have been engaged with the Springs funding since its inception. We have been tracking the American Rescue Plan Act (ARPA) requirements and will make sure all projects using ARPA dollars meet the encumbered and expended deadlines. We will also provide the project and financial information required for your sub-award reporting as outlined in the Coronavirus State and Local Fiscal Recovery Funds Compliance and Reporting Guidance.

Jones Edmunds has the commitment to the County, technical and funding expertise, public outreach capabilities, and depth of resources to execute all elements of your Septic to Sewer program. We look forward to working with you. If you have any questions regarding our submittal, please contact us.

Sincerely,

Thomas W. Friedrich, PE, BCEE
Vice President
tfriedrich@jonesedmunds.com
813.263.2204

Terri L. Lowery
Senior Vice President
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October 12, 2021

Hernando County Board of County Commissioners
Attention: Purchasing and Contracts Department
15470 Flight Path Drive
Brooksville, Florida 34604

**Re: Hernando County Engineering Services for Septic to Sewer, District A
and Septic Upgrade Incentive Program
RFQ 21-RG0045/PH**

Dear Sir/Madam,

Government Services Group, Inc. (GSG) is pleased to team with Coastal Engineering on Hernando County (County) Request for Qualifications for Engineering Services for Septic to Sewer, District A and Septic Upgrade Incentive Program, RFQ 21-RG0045/PH. The GSG Team has successfully delivered comparable services to numerous Florida counties and municipalities, including the requested services to Wakulla County. We have read the RFQ, and we are confident that we can provide exceptional services to the County.

Since 1996, GSG has proudly provided professional services for over 160 Florida local government clients. Our Grant Administrative and Compliance Team have over 60 combined years of experience, including:

- Septic to Sewer and Septic Upgrade incentive programs,
- Administering housing programs,
- Regular and Small Cities CDBG programs,
- Housing Rehabilitation and Neighborhood Stabilization,
- SHIP,
- Entitlement CDBG,
- Disaster Recovery, and
- Economic Development.

We know the benefits a successful grant program will bring to the County because we have successfully delivered the requested services to Wakulla County and other communities in the State of Florida. We pride ourselves on being able to provide quality professional services efficiently and cost-effectively. GSG's goal is to ensure that our clients are satisfied. Our philosophy is to assist our clients by successfully implementing or completing the required tasks on time and within the prescribed budgets.

GSG is very excited about the opportunity to work with Hernando County on this very important program. I am the Vice President of Government Services Group, Inc. and authorized to represent GSG in all matters related to this engagement. To further discuss this response, or any other related questions or matters, please feel free to contact me at (407) 383-9642 or DJahosky@govserv.com.

Sincerely,



David G. Jahosky
Vice President

**Corporate
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TIERRA

October 12, 2021

Hernando County Board of County Commissioners
15470 Flight Path Drive
Brooksville, Florida 34604

Attn: Patty Hall and Members of the Selection Committee

RE: Letter of Intent to Provide Subconsultant Services
Solicitation 21-RG0045/PH
Engineering Services for Septic to Sewer, District A and Septic Upgrade Incentive Program
Hernando County, Florida

Ms. Hall:

This letter serves as our firm's intent to provide Geotechnical Engineering and Construction Materials Testing and Inspection Services for the above referenced contract. Tierra, Inc. agrees to provide all geotechnical engineering, and materials testing services as needed on the above referenced contract for Hernando County.

Tierra is a full service consulting geotechnical and construction materials testing engineering firm. Tierra is certified as a Minority Business Enterprise (MBE) by the Florida Department of Management Services, Office of Supplier Diversity.

Tierra's Hernando County experience includes providing geotechnical services in support of the following projects:

- Glen Wastewater Treatment Plant Expansion, Hernando County
- Cobb Road Wastewater Treatment Plant Reclaimed Water Storage Tank, Hernando County
- Weeki Wachee Wastewater Treatment Plant Bypass Modifications, Hernando County
- Evergreen Woods Pump Station and Force Main Improvements, Hernando County

Tierra's previous experience with these projects as well as our familiarity with the soils conditions in Hernando County will be an asset to the Coastal Engineering team and Hernando County on this contract.

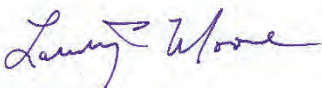
Mr. Larry Moore is authorized to make representations for Tierra and his contact information is as follows:

Larry P. Moore, P.E., Vice President / Principal Geotechnical Engineer
Tierra, Inc., 7351 Temple Terrace Highway, Tampa, Florida 33637
lmoore@tierraeng.com / 813-989-1354 (office) / 813-504-3016 (mobile)

We appreciate the opportunity to be a part of your team for this contract. Our intent is to provide Hernando County with the best geotechnical engineering services possible.

Sincerely,

TIERRA, INC.



Larry P. Moore, P.E.
Vice President / Principal Geotechnical Engineer



Looking southbound on
Freeport Drive from India Drive

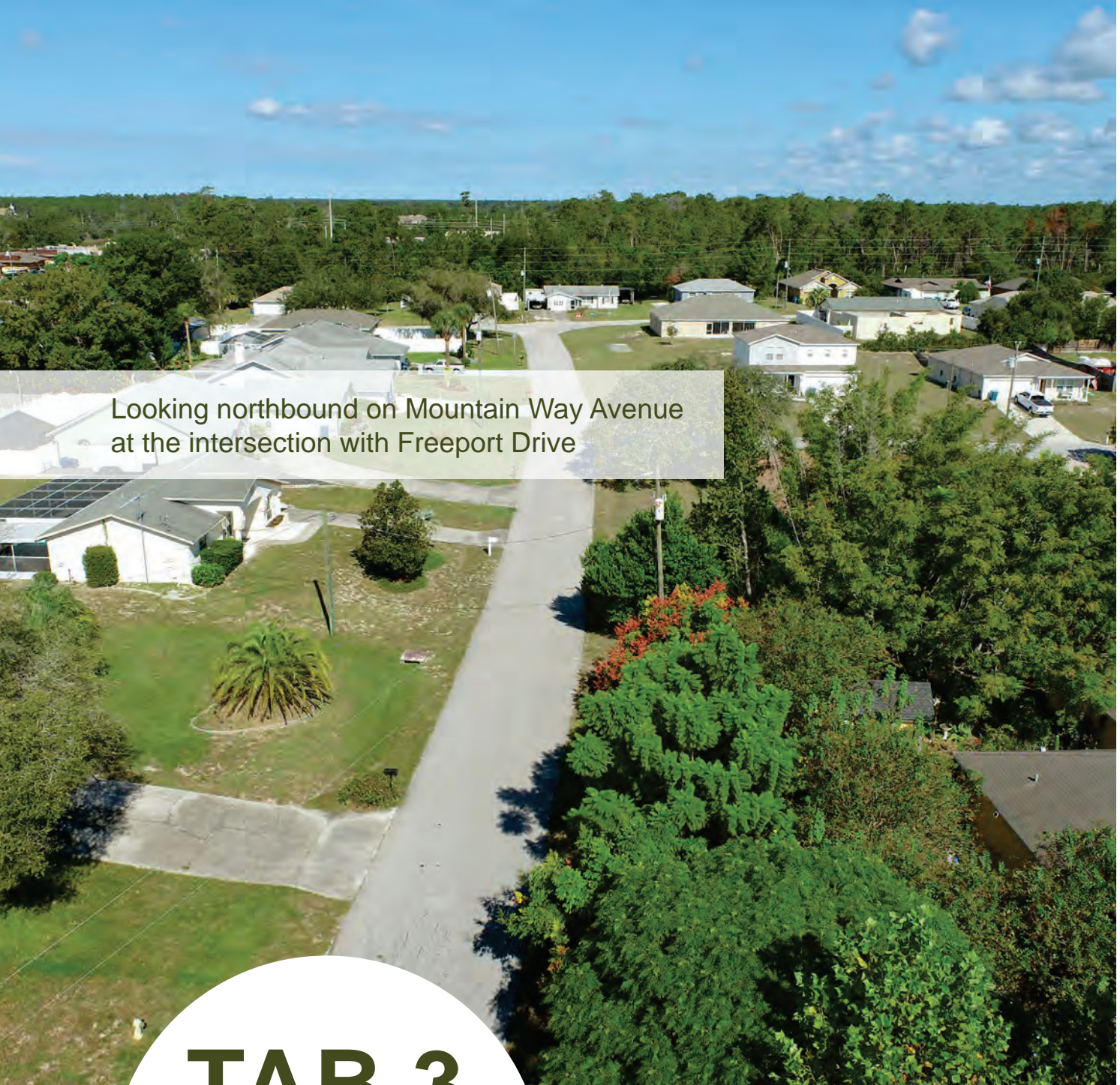
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TAB 3

RESPONSE SUMMARY AND QUESTIONNAIRE RESPONSES

Section A PROJECT UNDERSTANDING

The Coastal team understands that there is one primary goal for this project: Protect Lee Ichee Spring. There are three major components to successfully completing this project: 1) connect approximately 900 lots – approximately 500 in Phase 1 and approximately 400 in Phase 2 – to a centralized sewer system to reduce nutrient loading by routing the wastewater to the Glen W. F., 2) establish the Septic Upgrade Incentive Program, and 3) provide public outreach and funding assistance to keep resident support high and minimize the County's costs.



To successfully protect the Spring, the County needs a team who can complete more than just the technical design aspects of this project. Our team was uniquely assembled with a mix of local and state experts to do just that with your best interests in mind. The combination of our team's experience completing neighborhood retrofits in Hernando County and septic to sewer projects throughout the State makes us the ideal partner.

1) Septic to Sewer Connections

The goal of the technical design approach is simple: connect the homes and businesses in District A to a centralized system. However, each project has its own unique challenges, and working in a neighborhood or on private property typically increases public scrutiny. Therefore, these projects require additional attention to detail as construction change orders or delays happen at the front door of your residents. Our team's approach has been tested on multiple projects and with multiple general contractors. We are confident it will once again deliver success for you.

Preliminary Design

The major success factor during preliminary design is generating a wastewater system layout that doesn't have to be redesigned during final design. One of the key choices in this phase will be selecting a wastewater system technology. Based on our interactions with the County, we believe a gravity sewer system will be the best choice in this area. Our team does not believe a grinder pump or low-pressure system would be palatable to the residents, even though it may have a lower capital cost due to smaller and shallower pipelines and fewer manholes, particularly considering the operation and maintenance of the grinder pumps would be passed on to the residents. Additionally, on a life cycle basis the gravity system is cheaper than grinder pumps. Vacuum systems are increasing in popularity in Florida, most notably for flat high water table retrofit projects. However, the operation and maintenance for vacuum systems is more challenging and costly than gravity systems. For neighborhoods like District A that have topographic relief, gravity systems will have the lowest life cycle cost, making it a prudent financial choice. In addition to having the lowest life cycle cost, it will be the easiest to maintain once constructed.

Survey data collection will be the critical element to efficiently laying out the gravity sewer. Our experience has been that on large linear design projects, survey data collection can significantly delay the project schedule. While survey is a critical element, we do not expect the geotechnical information to alter the design significantly.

Section A PROJECT UNDERSTANDING

Challenge: Efficiently collecting survey information to keep the project on schedule.

Solution: We have our own in-house survey crews located in Hernando County. Additionally, we recognize that not all the survey is required for the preliminary design. The key element for the preliminary design of the gravity system is the clean-out elevations on private property. These elevations and distance to the right-of-way will determine the required depth and feasibility of the gravity system. We will use road centerline elevations and boundary survey to generate the preliminary design quickly and efficiently while detailed right-of-way or topographic survey data are collected.

Challenge: Soil boring explorations are usually conducted early in projects. This can make it difficult to choose the correct locations for borings as pump station and piping depths and locations may change during design.

Solution: Our team will divide Tierra's soil boring exploration into two separate mobilizations. We propose an initial field screening during preliminary engineering. This information will be used for the conceptual planning. Once the conceptual design is selected, we will complete the soil boring exploration. This method maximizes the geotechnical information and provides the contractor with the most accurate information we have found that this method significantly reduces contractor claims based on unknown unsuitable material amounts.

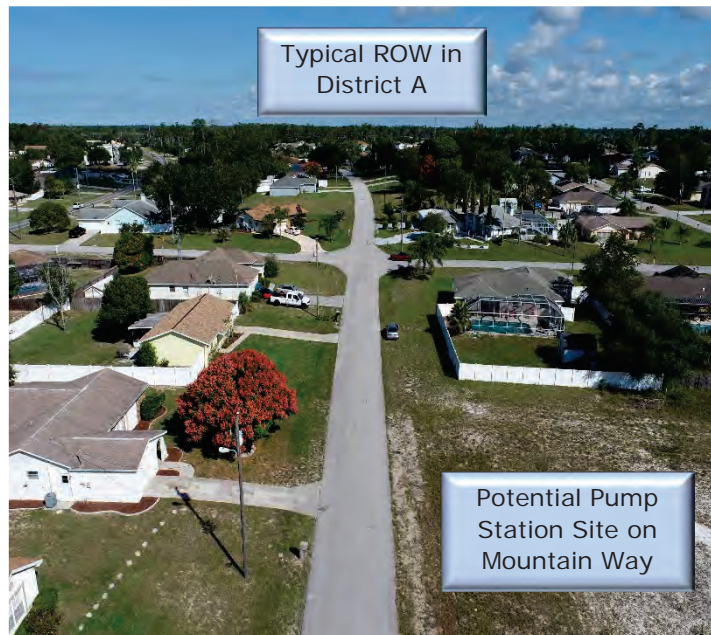
In the preliminary design, we will present all key technical elements – the gravity system layout, force main routes, sizing pump station, and potential utility conflicts – without having to collect all the field data collection information. We will use our local in-house surveyors to ensure survey is prioritized. Jones Edmunds will use the survey information to update the wastewater model and confirm pump station and force main sizing. Coastal and Jones Edmunds have a history of partnering and delivering cost-effectively. Our last partnership for the County resulted in the County being the first to complete its Wastewater Feasibility report for FDEP.

Final Design and Bidding

The goal of the final design is to generate detailed design drawings and specifications that the County can advertise for bidding by prospective contractors. Specific tasks in the final design phase will include:

- 60 , 90 , and final design submittals
- Final preparation of the permitting drawings and forms for submittal to FDEP
- Second mobilization for soil boring exploration
- Preparation of technical specifications
- Preparation of the County's front-end contract documents
- Detailed constructability review

These are typical tasks for a utility design project. However, technical challenges need to be considered during final design. We have identified the top challenges and proposed potential solutions:



Section A PROJECT UNDERSTANDING

Challenge: The contractor will be constructing these projects in residential areas and on private property.

Solution: We include detailed notes in the drawing set guiding the contractor on how to complete work first in the right-of-way and then on private property. Coordination and communication with residents throughout the design process will be a key element of our approach. We have experience creating lot hook-up exhibits that allow the plumbers to easily understand the connection points. Additionally, we will divide each project area further into construction areas, and the contractor will be required to complete an area before moving to the next.

Challenge: Maintaining the project schedule to ensure compliance with funding agreement timelines for submittals while maintaining enough time for construction.

Solution: Proactive project management requires coordination with County staff, the project team, and our subconsultants. Headquartered in Hernando County, we know how important the funding is the community. We included team members we have worked with numerous times that have the availability to ensure the project stays on schedule.

Challenge: Making the project attractive to potential bidders while also protecting the County from drastic price increases due the extreme market volatility for materials, labor, or *Force Majeure* claims.

Solution: Our Team is working with many county procurement departments to update construction contract bid language and contracts due to the changing times. This includes updating language, not only for the material price fluctuation, but to ensure that you are protected due to *Force Majeure* claims. Examples of methods we are using to make our projects attractive to prospective bidders include:

- Setting up bid pricing with language that allows for market fluctuation based on material indexes, both up or down, between the time of opening of the bids and when the actual contract award is made.
- Modifying the contract time to allow for additional upfront material acquisition segments before an onsite contract time starts.

Construction Phase Services

Services during the construction will primarily be provided locally by the Coastal Construction Services Team and supported by Jones Edmunds construction team. Our Construction Services Team is staffed with professionals who have hands-on construction industry experience. You will recognize the Coastal team from recent successfully projects such as the Richard Drive Shoal Line Boulevard Sewer Project or the Stoney Brook Lift Station and Force Main Rehabilitation project. Both projects took place within existing neighborhoods and required close coordination with residents and County staff. We will work with the County inspectors to make sure that we are all on the same page regarding moving your construction projects forward. Our team is ready to provide full construction-phase engineering services. We highlighted a few key elements for a septic to sewer project.

- Conduct Pre-Construction Conference
- Provide On-Site Resident Observation
- Prepare Daily Construction Reports
- Provide Photographic Records
- Analyze Contractor Claims
- Coordinate Phasing with Residents
- Certify Contract Completion
- Prepare Record Drawings
- Line and Grade Checks
- Address all Funding Agency Documentation Requirements
- Provide Photographic, Written, and Videotape Records Public Meetings
- Document Pre-Construction Conditions
- Review Submittals and Shop Drawings for Conformance with the Specifications
- Provide Field Engineering and Design Services and Respond to Contractor's Request for Information
- Prepare Contract Completion Report Providing all Documents to the County

Section A PROJECT UNDERSTANDING

2) Septic Upgrade Incentive Program

In summer 2020, FDEP discontinued its Septic Upgrade Incentive Program and began working with nine counties including Hernando to establish county-specific Septic Upgrade Incentive Programs. It is the intent of FDEP to create programs in each county consistent with the wastewater feasibility report each of these counties is preparing. Coastal team member Jones Edmunds worked with FDEP on the development of a program, providing draft content that guides the expansion of the programs within the nine counties. Additionally, Coastal and Jones Edmunds worked with the County on your wastewater feasibility report – identifying where OSTDSs are located and where upgrading these systems is the most appropriate wastewater solution – and understands the needs of the County in this area. This gives our team a unique understanding of the County's and Department's goals for this program.

It is our understanding that Hernando County will become the second county to officially move forward with this program. Wakulla County was the first county to implement an official septic upgrade incentive program. In February 2021, Wakulla County hired Government Services Group (GSG) to develop and implement its program. Coastal and Jones Edmunds are excited to have GSG as an exclusive partner on the team. GSG has the experience with developing and implementing the incentive program will bring lessons learned to Hernando County. When you combine Coastal's and Jones Edmunds' understanding of the County's program and FDEP's goals and GSG's lessons learned from having set up the only similar program, **the Coastal Team is prepared to provide an unrivaled understanding and skills to Hernando County to run its Septic Upgrade Incentive Program.**



Public Outreach and Funding Assistance

Keeping residents engaged with the project may be as critical of a success factor as some of the design elements. Public outreach success or failure will certainly determine the amount of County staff time required to field upset or questioning phone calls during construction. We recognize that no outreach plan is perfect and neighborhood retrofit projects are not built without some positive and negative interactions, but our job is to and our history suggests we will – skew the interactions to be as positive as possible. The project leadership for the County, Coastal, and Jones Edmunds generated a plan that smoothly and successfully educated the public to be in support of this project during the Wastewater Master Plan. These results were not guaranteed but have been a signature service for our team.

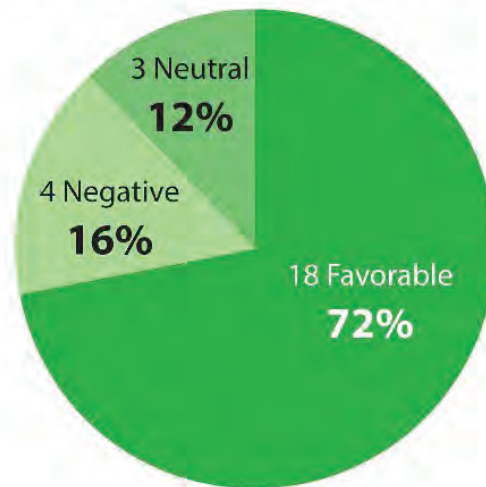
Our team has decades of public outreach experience and has spent the past 5 years specifically helping Florida utilities tackle septic to sewer projects. Our team



Section A PROJECT UNDERSTANDING

understands this emotional issue and how controlling the narrative at public meetings matters. To facilitate this early in projects and through most of design, we typically recommend open house style meetings, like the ones held during the master plan. As the project advances to construction, targeted outreach can be critical to keeping the residents informed about the status of construction on their street. We have implemented resident email lists, generated flyers, hung door hangers, and created project websites, just to name a few. We have the experience and understanding to keep the positive momentum built up during the master plan rolling forward.

Response of Attendees who Left a Comment



The pursuit and management of grants for the project to offset costs for the County is the final piece to the puzzle. The County has already procured and will continue to be eligible for grants and low-interest loans that support all aspects of your septic to sewer projects as well as funding to offset customer-side costs. Our team is experienced in preparing applications and paperwork for numerous programs including the FDEP State evolving Loan Program, SWFWMD Cooperative Funding Initiative Program, Springs Grant Program, Water quality Grant Program, and others. We understand that the project funding is solid however, agency relationships can become critical with a moment's notice when unforeseen material prices increase or general contractor bids come in higher than expected. We will stay connected with the funding agencies throughout the project.

We have also been tracking the requirements of the American Rescue Plan Act (ARPA) and will make sure all projects using ARPA dollars meet the deadlines and documentation requirements. For example, we are remaining engaged in the guidelines and prepared to provide the project and financial information required for your sub-award reporting as outlined in the Coronavirus State and Local Fiscal Recovery Funds Compliance and Reporting Guidance.

As part of our support, we will maintain a master spreadsheet of grants and loans associated with your project. The master spreadsheet will provide the County with a status overview of each funding source and will include grant dollars and expenditures, documentation requirements, grant timelines and requirements (e.g., American Iron and Steel, Davis Bacon Wage requirements), and a status box to document the most recent activity regarding the projects' grants/loans. During construction, our Construction Services Team will work closely with the County, funding agencies, and selected project contractor to ensure that project documentation is consistent with funding agreement requirements and projects are ready for agency inspection.

Section PROJECT TEAM

Coastal Engineering assembled our team to match your needs for this project. We will conduct the survey and perform design and construction services. Jones Edmunds will assist with the design and construction services and lead the public outreach and funding requirements. GSG will lead the administration of the septic tank incentive program. This section lists the personnel by role with specific expertise that each brings to the project. This section is followed by résumés, an organizational chart, and location and workload information. We recognize that design and construction of all of District A may take years or may need to be completed in 2 to 3 years, pending funding. Our overall team and organizational chart show that we have the team depth that can be relied on to complete all of District A quickly. However, the selected résumés of the core design team provide the projected project team we expect will spend the most time working on Phase 1. Résumés for all team members are available upon request.



Cliff Manuel, PE, CLIENT SERVICES, FUNDING / PUBLIC RELATIONS Cliff has served as President and CEO of Coastal Engineering since 1989. His strong passion and determination for Civil Engineering formed early. For the past 40 years, he has dedicated his successful career to the professional aspects of civil engineering, including utilities, transportation, stormwater/floodplain, environmental, construction management, project management, government regulatory agency coordination, and compliance coordination on behalf of clients.

RÉSUMÉ INCLUDED



Brian Malmberg, PE, PROJECT MANAGER Brian is Coastal Engineering's Director of Engineering and has over 23 years of management, construction, and engineering experience including 9 years in local government as a Design Engineer, County Engineer, Public Works Director, and Assistant County Administrator. As Project Manager for this project, he will act as the primary point of contact with the Jones Edmunds and Hernando County regarding all project management activities including scoping of task orders, design development, plans production, coordination, scheduling, budgets, quality control and quality assurance. Brian will apply his expertise at project management, construction management, infrastructure, permitting, pipelines, pumping stations, reclaimed water systems, and hydraulic modeling to this project.



John Horvath, PE, QA/QC, TECHNICAL John is a Senior Engineer for the Jones Edmunds Utilities Discipline with extensive experience specializing in the planning, analysis, permitting, and design of wastewater collection, treatment, and effluent reuse and disposal systems for Florida municipalities and industry. He has experience as Project Manager, Civil Engineer, Project Engineer, and Lead Design Engineer on a variety of multi-disciplined projects. He is well versed in modeling techniques, design, field testing, and applications using a variety of software programs.



Tom Friedrich, PE, CEE, QA/QC, PROGRAMMATIC Tom is a Vice President for the Jones Edmunds Utilities Discipline with over 30 years of experience in wastewater treatment process design, systems evaluation, master planning, and facility project management and construction administration. He has been the Project Manager and/or Engineer of Record for water and wastewater planning, program, design, and construction projects ranging from 0.10 to 100 MGD. His holistic understanding of the current regulatory environment and wastewater treatment and collection systems and ability to effectively communicate with stakeholders – as well as his critical experience and knowledge gained from developing the County's Wastewater Master Plan – will facilitate the design of this septic to sewer upgrade.

RÉSUMÉ INCLUDED



Terri Lowery, CUSTOMER CONNECT GRANT PROGRAM / FUNDING / PUBLIC RELATIONS Terri is a Jones Edmunds Senior Vice President and has been with the firm for more than 30 years. She knows how to work with clients and technical staff to see that the client's needs are being met. She is experienced leading certain elements of a large-scale infrastructure design program such as funding requirements, interfacing with residents and the media, and leading public meetings. She has been engaged on Total Maximum Daily Loads (TMDLs) and Basin Action Management Plans (BMAPs) for the Weeki Wachee

Section PROJECT TEAM

RÉSUMÉS INCLUDED

Springshed and has extensive experience with many funding mechanisms including S F, CDBG, SWAG (FDEP 319 and TMDL) Grants, Springs Funding, and SWFWMD Cooperative Funding. Terri led the Public Outreach Program requirements for the Hernando County OSTDS Remediation Plan, working closely with your team on material development and presentation. Terri also worked with FDEP on the development of their Septic System Upgrade and Customer Connection Program for septic to sewer in the springs areas. She has been closely tracking the A PA funding requirements as they apply to water and sewer projects.



David Jahosy CUSTOMER CONNECT GRANT PROGRAM David oversees the Government and Community Services Division of Government Services Group. David brings highly specialized experience helping local governments become more efficient and focused with everything from staffing analysis to program and infrastructure funding and accounting. From studies to identify costing optimization and revenue recovery to grant compliance and performance audits, David has helped local and state governments develop the processes and policies necessary for greater efficiency in both human and financial resources.



Sandi aler CUSTOMER CONNECT GRANT PROGRAM Sandi is the Project Coordinator and a Senior Project Manager for the Government Services Division at Government Services Group. With over 25 combined years of extensive experience and knowledge of local government, Sandi's skillfulness is indispensable to GSG. She has served as the Project Manager on over 75 service and capital assessment programs for governmental entities throughout Florida. Along with her vast knowledge of special assessments, Sandi has over 17 years in the legal field with over 9 years of experience as a paralegal to law firms representing various governmental entities.



Jay Moseley CUSTOMER CONNECT GRANT PROGRAM Jay is a Senior Consultant for the Community Services Division at Government Services Group. He has over 26 years of experience in disaster recovery, housing rehabilitation, neighborhood stabilization, economic development, project administration and management. Jay began his career as a consultant involved in grant-related projects, government project administration, and managing multiple projects within relevant grant-related guidelines.



Hannah Hammond CUSTOMER CONNECT GRANT PROGRAM Hannah is a Project Manager in the Government Services Division at Government Services Group. As a Project Manager, she is responsible for working with clients to increase efficiency through revenue enhancement and requested services. Hannah has experience in finance, economics, statistics, and data extrapolation from her background in business and economic research. Since joining GSG, her work has been focused on city, county, and special district revenue enhancement projects.



Brian Icerman, PE, EN SP FUNDING / PU LIC RELATIONS Brian is a Senior Vice President with Jones Edmunds and serves as the firm's Managing Director of Utilities Infrastructure. He has served as a A/ C, Project Manager, or Technical Lead on stormwater, water, and wastewater design and master planning projects throughout Florida. Brian has a proven track record of effectively implementing our quality control program and delivering client satisfaction including Septic Tank Phase Out projects for JEA, CCUA, and olusia County.



Jamie Bell, PE, CFM FUNDING / PUBLIC RELATIONS Jamie is an Engineer in our Utilities Discipline who specializes in septic to sewer planning, funding procurement and public relations. She previously worked for the Suwannee River Water Management District, making her an expert in WMD funding procedures and requirements including cooperative funding initiatives. She also has extensive experience with many funding mechanisms including S/F, CDBG, SWAG (FDEP 319 and TMDL) Grants, Springs Funding, and USDA Rural Development. She recently served as Engineer of Record for the Marion County Wastewater Feasibility Report in support of the required OSTDS Remediation Plans for Rainbow and Silver Springs.



Jerry Wolfe, PE SYSTEM PLANNING, DESIGN, AND PERMITTING, HYDRAULIC ANALYSIS, AND ROUTE EVALUATION Jerry has over 15 years of engineering experience in the areas of stormwater design, master site planning, water and sewer modeling, flood plain studies, Commercial and residential development. Jerry has permitted and coordinated a number of projects through multiple regulatory agencies in Hernando, Citrus, Sumter and Levy Counties.



Ken Fraser, PE SYSTEM PLANNING, DESIGN, AND PERMITTING, HYDRAULIC ANALYSIS, AND ROUTE EVALUATION Ken is a Jones Edmunds Project Manager and Senior Engineer who previously worked for a local utility where he developed a personal understanding of utility needs, while providing senior A/C on all types of water/wastewater projects. He has extensive experience in the design, permitting, and construction of various infrastructure projects, ranging from single parcels to facilities that serve hundreds of residential and commercial properties. He is serving as Engineer of Record on Septic Tank Phase Out projects for Citrus County and JEA.



Peter Simms, PE SYSTEM PLANNING, DESIGN, AND PERMITTING, HYDRAULIC ANALYSIS, AND ROUTE EVALUATION Peter is a Jones Edmunds Utility Department Manager and an expert in treatment processes and hydraulics. He will provide guidance and leadership for all hydraulic modeling required for the program. Recent relevant experience includes the A of the Old Homosassa Septic Tank Phase Out Hydraulic Model for Citrus County and Hernando County Airport Subregional Wastewater Treatment Plant Expansion and Upgrade.



Donald Scooter Sheldon, PE SYSTEM PLANNING, DESIGN, AND PERMITTING, HYDRAULIC ANALYSIS, AND ROUTE EVALUATION Scooter is a Professional Engineer at Jones Edmunds in the Infrastructure Discipline with specialized experience in water, wastewater, and reclaimed water pipeline design and permitting. He has served as the Engineer of Record on several water and wastewater pipeline improvement and extension projects and as a technical lead on numerous septic-to sewer conversion projects throughout the Florida. Donald has experience designing pipelines via horizontal directional drill (HDD) in coordination with FDEP and FDOT permitting requirements.



Sean Menard, PE, ENSP, CDT SYSTEM PLANNING, DESIGN, AND PERMITTING, HYDRAULIC ANALYSIS, AND ROUTE EVALUATION Sean is a Professional Engineer in Jones Edmunds' Utilities Infrastructure Department. He has a BS in Civil and Environmental Engineering with a focus on environmental hydrology. He is a member of the American Water Works Association as well as the Order of the Engineer. He has experience with AutoCAD, GIS, AutoCAD Civil 3D, and GEM Software. Past projects include designing a system applicable for safe drinking water in third-world environments and upgrading water and wastewater treatment facilities.

Section PROJECT TEAM



Timothy TJ Lillo, EI S STEM PLANNING, DESIGN, AND PERMITTING, H DRAULIC ANAL SIS, AND ROUTE E ALUATION TJ is an Engineer Intern with Jones Edmunds. He has a BS in Environmental Engineering Sciences and is working toward a Master of Engineering in Environmental Engineering Sciences, focusing on wastewater design. He also has AutoCAD and GIS experience that gained through utility piping, lift station, booster station, and horizontal directional drilling design. TJ is already familiar with the County's wastewater system by supporting the County's Wastewater Master Plan by providing hydraulic modeling support of the HCUD wastewater system.



Jared ounge, EI, S STEM PLANNING, DESIGN, AND PERMITTING, H DRAULIC ANAL SIS, AND ROUTE E ALUATION Jared is the newest member to the Coastal team and graduated with his BS in Civil Engineering from USF in 2018. He has most recently been working on design and permitting of electrical distribution and transmission mains and corridors. He will participate in the design and permitting of the septic to sewer project. Jared is a sixth-generation Hernando County native.

RÉSUMÉ
INCLUDED



Burt ennett, CCI CONSTRUCTION ADMINISTRATION SER ICES/FUNDING AGREEMENT COMPLIANCE Burt brings over 40 years of experience in a variety of construction and engineering projects, most of which have been located here in Hernando County. Burt has extensive experience specializing in construction administration, inspection services, construction review and observation, cost estimating, project scheduling and quality control. He has experience as a Project Manager, C reviewer, and construction inspector on a variety of Hernando County Utility Department projects.



Jesse JD Hall, CONSTRUCTION ADMINISTRATION SER ICES/FUNDING AGREEMENT COMPLIANCE Jesse has over 15 years of survey field experience as a party chief and acts as Coastal's head party chief for all municipal and construction related survey work. Jesse is a life-long Brooksville native and will act as the party chief for the survey crews on this project.



Jeffrey Crowley, PE, CCM, PMP, LEED AP, D IA CONSTRUCTION ADMINISTRATION SER ICES/FUNDING AGREEMENT COMPLIANCE Jeff is a Senior Project Manager with more than two decades of experience in utility upgrades and improvements, water, reclaimed water, and wastewater treatment systems, and other specialty construction projects. Jeff has led both design and construction teams, developed and implemented design and construction standards, developed and managed complex construction phasing plans, and provided construction administration services for the construction of new facilities and renovation of existing facilities using numerous delivery methods.



Jamila Morrison CONSTRUCTION ADMINISTRATION SER ICES/FUNDING AGREEMENT COMPLIANCE Jamila will support construction services on this project. She is a Jones Edmunds Construction Project Coordinator, and all construction projects within the company go through her to make sure they are completed according to Jones Edmunds' standard procedures as well as with any compliance items from Funding Agreements. She is experienced with construction contracts and an expert with EJCDC and AIA standard contracts.



Michael Clar , PE ELECTRICAL Mike is a Senior Engineer in Jones Edmunds' Utilities Infrastructure Department. He will provide Electrical/I C/SCADA Engineering Services for this project. Mike specializes in electrical engineering and I C design. He has designed instrumentation and electrical systems for numerous general civil and utility projects as well as for solid waste management facilities, pumping stations, and well fields.

Section PROJECT TEAM

RÉSUMÉ INCLUDED



Marc Nova , PhD, PE GEOTECHNICAL Marc has been working in the field of geotechnical and materials engineering since 1996 when he interned as a field and laboratory technician while pursuing his BS in Civil Engineering at the University of Florida. He continued his education with a MS degree in geotechnical engineering then received a 4-year Alumni Fellowship to continue doctoral research at the University of Florida. His research focused on pavement mechanics specializing in Superpave asphalt pavement. He graduated in August 2007 with a PhD. Marc has been exposed to a wide variety of projects while conducting research at the University of Florida including soil-structure interaction, soft-soil embankment modeling, dam construction, laboratory testing and pavement engineering. He joined Tierra in January 2004 and he has been involved in projects for the private and public sectors including the FDOT (roadway, pavement, and bridge structure investigations).



Eric Frederic , PE GEOTECHNICAL Erick is a Senior Geotechnical Engineer at Tierra with over 20 years of geotechnical engineering experience. He has performed geotechnical services for many FDOT projects for Districts I, II and Florida's Turnpike Enterprise. His project experience includes designing new roadways, high-level embankments, MSE walls, retaining walls, soil anchor systems, bridges, shallow and deep foundation analyses, and settlement and slope stability analyses. His experience also involves many commercial and residential projects as well as transportation projects for local municipalities.

RÉSUMÉ INCLUDED



Scott Osbourne, PSM SUR E /SUE/UTILIT RELOCATION Scott is the Professional Survey Manager for Coastal and has over 29 years of experience in a variety of land surveying projects. His expertise includes right-of-way surveys, as-built surveys, topographical and boundary surveys. Scott is a second-generation Hernando County surveyor and brings to the table extensive knowledge of Hernando County land surveying information. Scott has been providing survey services to HCUD since its inception.



Gary Smith, PSM, SUR E /SUE/UTILIT RELOCATION Gary joined Coastal in 2015 with over 47 years of surveying and mapping experience. Over 36 of those years have been here in West Central Florida. Gary has extensive experience in topographic surveys, property/boundary surveys, construction layouts, title work/deed investigation, GPS data collection, tree surveys, right-of-way surveys, wetland surveys, elevation certificates and bathymetric surveys.



enjamin u ata, MS, P S, AA EN IRONMENTAL BJ is a Senior and Professional Wetland Scientist with Jones Edmunds and has over 21 years of experience in many aspects of environmental sciences with a focus on wetlands, listed wildlife species, water quality, and environmental permitting. He has proven experience providing technical expertise in ecological services including designing and permitting off-site regional mitigation areas, jurisdictional wetland delineations, preparing environmental permitting, designing wetland restoration sites, conducting qualitative and quantitative vegetation monitoring, conducting soil assessments, and conducting wildlife evaluations.

BRIAN M. MALM, P.E., M.A.S.E. CIVIL ENGINEER

Brian has more than 23 years of management, construction, and engineering experience.

SELECTED PROJECT EXPERIENCE

Wastewater Master Plan Hernando County Project Engineer
As a subconsultant to Jones Edmunds, responsible for Population Projections and Development, Assessment/Flows, and Loads Assessment. Provided engineering support services for the development of a Wastewater Master Plan that includes the development of a CIP and Wastewater Treatment Feasibility Analysis for Priority Focus Areas (PFA).

Condos Force Main Replacement Project Hernando County, Florida Project Manager Project Manager responsible for oversight of survey, environmental, design, and permitting for the upsizing and relocation of 3,300 LF of force main piping. The existing undersized force main was located in easements at the rear lot lines of a residential subdivision in Spring Hill. The project included rerouting the force main along Spring Hill Drive in the front of the residences and upsizing from a 6-inch diameter to 10-inch. Project required coordination with residents along the route through design and construction.

Stoney Brook Lift Station and Force Main Rehabilitation Project Hernando County, Florida Project Manager Project Manager responsible for oversight of survey, environmental, design, and permitting for the expansion of an existing lift station and rerouting of the force main transmission system. The project included the installation of 1,700 LF of new 8-inch force main and the abandonment of approximately 2,200 LF of existing 4-inch force main. Located within an existing residential subdivision and an area with high groundwater elevation, steel sheet piling and phased construction were required in order to expedite progress and reduce overall project cost.

Richard Drive Shoal Line Boulevard Force Main and Water Main Hernando County, Florida Project Manager
Responsible for design and permitting for approximately 8,825 LF of 4-inch force main and connection of 9 existing manhole type single pump lift stations, inline valves, and restoration. Project took place within an existing residential neighborhood, Weeki Wachee Shores, and included close coordination with residents to accommodate access and reduce impact. Existing wetlands and spring fed canals also created environmental challenges throughout the design and construction phase.



AREAS OF SPECIALIZATION:

- Project Management
- Construction Management
- Infrastructure
- Permitting
- Pipelines
- Pumping Stations
- Hydraulic Modeling

YEARS OF EXPERIENCE: 23

EDUCATION:

Master Business Administration

Bachelor of Science, Civil Engineering

PROFESSIONAL CERTIFICATIONS:

Professional Engineer, 59405, FL

FDEP Qualified Stormwater
Management Inspector 5956

FDEP Qualified Stormwater
Management Instructor 504

FDOT MOT Intermediate Level
Certification

FHWA Road Safety Audits

State Certified Underground
Contractor, CUC057406

The Hut Pumping Station Upgrade and Force Main Project
Hernando County, Florida Project Manager Project Manager
and Engineer of record for the rehabilitation of The Hut pump
station and rerouting of existing force main. Responsibilities
include oversight of survey, environmental, and property
acquisition as well as design and permitting. The project consists
of providing a complete upgrade to the pump station, addition of
1,400 LF of 12-inch force main into the station, and 4,400 LF of
16-inch force main coming out of the station.

Sherman Hills Boulevard Re-alignment and SR 50 Frontage
Road Extension, TO 5 Hernando County, Florida Project
Manager Engineering services for S 50 at I-75 north: re-
alignment from Sherman Hills Boulevard to S 50 (north) design
services and S 50 Frontage Road extension from Parkland
Avenue East to Sunrise Boulevard (South).

William Smith Water Reclamation Facility, Cobb Road
Oxidation Ditch 2 City of Brooksville, Florida Project
Manager Project Manager and Engineer of record for the site
planning and associated stormwater design required for the
project. The proposed expansion plan for the facility included the
addition of a second oxidation ditch and other related unit
processes to eventually provide a 3MGD capacity at the plant.
Assisted in the bid production process for the project.

GNT Gap Design Utility Relocations City of Brooksville,
Florida Project Manager Project Manager and Engineer of
record for the relocation of utilities associated with the
construction of the Good Neighborhood Trail from the Cobb
Road/Cortez Boulevard intersection to the existing trailhead within
the City of Brooksville. Acted as the Utility Agency Owner (UAO)
for all Florida Department of Transportation (FDOT) coordination
throughout the trail design process.

TERRI LOER CUSTOMER CONNECT GRANT PROGRAM / FUNDING / PUBLIC RELATIONS

Terri has 35 years of experience working with clients and technical staff on project funding strategies and public involvement programs. Terri is experienced in organizing and coordinating public meetings, and media communication, establishing speakers' bureaus, organizing and conducting public meetings, and interfacing with the media. She is a registered lobbyist and assists with legislative tracking and grant pursuits, organizing and conducting funding workshops, and monitoring and reporting on legislative activities. She has been actively focused on septic to sewer issues in the state, has been featured in presentations and webinars, and has written numerous articles on the impacts of septic systems on our water bodies and how Cities and Counties can effectively make the switch from septic to sewer. Terri also worked with the FWEA Utility Council to develop the Septic to Sewer Guidance Document to assist local government with ideas on making this transition.

SELECTED PROJECT EXPERIENCE

Garcia Point Septic Tank Conversion Project **Citrus County Client Services/Funding Specialist** Terri worked with the County to redirect pre-existing legislative funds to the septic-to-sewer project and procure Springs' dollars for this project. She also led the planning effort for the open house to explain the planned project.

Septic-to-Sewer Guidance Document **FWEA Utility Council Project Manager** Terri worked closely with local governments and entities around the state to develop a guidance tool to assist community leaders with developing and implementing plans to connect homes to sanitary sewer.

Homosassa Springs Septic Tank Phase Out S F Facilities Report **Citrus County Funding Specialist** Terri provided contact interface between the S F staff and County staff to move this effort forward and position these projects on S F's priority funding lists. Terri also provided A on the report.

Wastewater Master Plan and OSTDS Remediation Plan **Hernando County Public Relations Specialist** Terri worked with the County to develop presentation materials and present to various stakeholder groups to explain the state requirements of the Florida Springs and Aquifer Protection Act as it applies to Hernando County.

East Putnam Regional Wastewater System and Septic-to-Sewer Conversion **Putnam County Funding Specialist** Terri worked with the County to procure a funding package. She conducted public workshops, negotiated a user agreement with the Florida Department of Corrections, and met with elected officials regarding project plans.



AREAS OF SPECIALIZATION:

- Funding Assistance
- Community/Public Relations Programs
- Communication and Media Development
- Marketing Research and Promotional Activities
- Legislative Coordination and Support

YEARS OF EXPERIENCE: 35

EDUCATION:

Bachelor of Science, Business Administration/Marketing

PROFESSIONAL

CERTIFICATION:

Registered Lobbyist, 2006, FL

Sewer Master Plan Charlotte County Public Information Specialist Terri worked with GWE (subconsultant), the technical team, and County to prepare numerous BOCC presentations and the initial public meeting as the County evaluated how a septic-to-sewer program would be implemented in the County.

Golden Gate S F Funding Support Martin County Funding Consultant and Public Relations Specialist Terri is assisting the County with the S F Clean Water funding for the Golden Gate Septic to Sewer project. She has coordinated with multiple departments to prepare the S F FI, application, and facilities plan and prepared and made public presentations required by the S F funding process.

Breeze Swept Sewer System City of Rockledge Funding Specialist Terri worked with the City to procure initial funding for the septic to sewer project. When unanticipated site conditions were uncovered during construction, she worked with staff to prepare presentation to the City Council regarding project cost increases and worked with the City to pursue additional funding mid-project construction for project completion.

Orange City Septic Tank Phase-Out Master Planning and Reuse System Expansion Polusia County Funding Specialist Terri provided assistance evaluating options for various funding options for a centralized sewer collection with treatment at the Southwest Regional Wastewater Reclamation Facility. Blue Spring is near Orange City and has an adopted minimum flow regime and TMDL that are constraints for wastewater treatment and water supply.

Septic to Sewer Guidance Document FWEA Utility Council Project Manager Terri worked closely with local governments and entities around the state to develop a guidance tool to assist community leaders with developing and implementing plans to connect homes currently served by septic tanks to sanitary sewer. This tool may be used by the Florida Department of Environmental Protection (FDEP) to assist stakeholders in the development and implementation of Onsite Sewage Treatment and Disposal System (OSTDS) Remediation Plans in areas where septic tanks have been identified as substantial nutrient sources to TMDL water bodies.

Septic-to-Sewer Program Funding Consulting Martin County Funding Consultant Terri has served as the funding consultant assisting the County with assessment of funding sources to address utility related upgrades. Terri is also providing specific support with the S F Clean Water fund for the Golden Gate Septic to Sewer project. As part of this project, she has coordinated with multiple department and prepared and made public presentations required by the S F funding process.



David G. Jahosky

Managing Director
Government Services Group

Government Services Group, Inc.
1500 Mahan Drive, Suite 250
Tallahassee, Florida 32308

Office: 850.681.3717
Cell: 407.383.9642

DJahosky@govserv.com

Professional Summary

David specializes in critical funding and service delivery alternatives including government accounting and costing, cost optimization, monitoring and performance measurement and policy

Awards & Recognitions

- 20 years serving local and state governments.
- Invited speaker for Florida League of Cities, Court Clerks and Finance Officer Associations.
- "Big 4" National Instructor for Cost Optimization, Government Costing, and Project Management.
- Assessed various organizations management processes, including people, processes, and technology.

Specialization

Mr. Jahosky oversees the Government and Community Services Division of Government Services Group.

Background

David brings highly specialized experience helping local governments become more efficient and focused with everything from staffing analysis to program and infrastructure funding and accounting. From studies to identify costing optimization and revenue recovery to grant compliance and performance audits, David has helped local and state governments develop the processes and policies necessary for greater efficiency in both human and financial resources.

David is currently managing a premier team that specializes in non-ad valorem revenue and funding options for governments. His team has worked closely with Property Appraisers in nearly every county in Florida to ensure timely and accurate taxation.

Accomplishments

GSG is currently a subcontractor to Thomas Howell Ferguson P.A. (THF) providing disaster management assistance to the Florida Division of Emergency Management (FDEM) for the Presidentially-declared Emergencies and Major Disasters related to Tropical Storm Fay to Hurricane Michael. GSG is a recognized leader in the management of FEMA's Public Assistance grant programs. From pre-event assessments of critical policies and documentation procedures to damage assessment and Project Worksheet development to closeouts and appeals, we have staff with the experience and knowledge necessary to ensure the client's highest quality service.

Our team has managed or closed-out hundreds of FEMA project worksheets and recovered millions of dollars for over 60 Florida sub-recipients, including state agencies, counties, cities, and non-profits. Included in these project development totals, our staff has managed monitoring projects, restoration projects, and disaster mitigation projects for 20 Presidentially declared disasters. The project services include FEMA grant life-cycle administration. For example, our team is involved in various aspects of grants compliance from pre-award eligibility determination to duplication of benefit analysis to Davis-Bacon compliance to project closeout. This project requires detailed working knowledge of FEMA's *Public Assistance Program and Policy Guide*, 44 CFR, 2 CFR Part 200, debris monitoring requirements, time-tracking, reporting, and reimbursement.



David G. Jahosky

Managing Director
Government Services Group

Representative Local Government Clients

- City of Atlanta, GA
- City of Cape Coral, FL
- City of Jacksonville, FL
- City of Miami, FL
- City of Orlando, FL
- City of Orlando, FL
- City of Pensacola, FL
- City of Tampa, FL
- City-County of San Francisco, CA
- Chatham County, GA
- Cobb County, GA
- Fulton County, GA
- Hall County, GA
- Hillsborough County, FL
- Manatee County, FL
- Miami-Dade County, FL
- New York City, NY
- Orange County, FL
- Osceola County FL
- Palm Beach County, FL
- Seminole County, FL

Representative Federal and State Government Clients

- U.S. Department of Energy
- Florida Agency for Health Care Administration
- Florida Department of Health
- Florida Department of Transportation
- Florida Division of Emergency Management
- Mississippi Department of Environmental Quality

Accomplishments (Con't)

On March 27, 2020, Congress passed the “Coronavirus Aid, Relief, and Economic Security Act” (the “CARES Act,” HR 748) to provide direct economic assistance in response to the financial fallout related to the COVID-19 pandemic. This legislation provided \$2.2 trillion of economic relief and stimulus for businesses, individuals, federal agencies, and state and local governments. In June 2020, Governor Ron DeSantis announced the State of Florida’s plan to disburse up to \$1.275 billion in CARES Act funds to counties with a population below 500,000. The CARES Act Program for the 55 counties is administered through the Florida Division of Emergency Management (FDEM) for expenditures eligible for reimbursement.

GSG is currently serving as the Prime Contractor for three Florida counties (Jefferson County, Nassau County, and Taylor County) as part of the FDEM CARES Act administered program. GSG is working closely with our clients and providing the following services to the counties, such as:

- Development of eligibility criteria for allowable programs or services,
- Pre-Award eligibility determination,
- Allowable cost or service review,
- Application review to prevent duplication of benefits,
- Development of consistent documentation requirements compliant to U.S. Treasury guidance, FDEM requirements, County policy, Clerk of the Court’s financial policies, and external audit requirements are pursuant to single audit provisions as well as application provisions promulgated in 2CFR200.
- Ongoing grants management, and
- Development of post-award compliance checklist and documentation retention.

Governor DeSantis authorized \$120 million of the State of Florida’s Coronavirus Relief Fund (CRF) allocation to Florida Housing Finance Corporation. The CRF allocation assists Floridians negatively impacted by the COVID-19 pandemic and struggling to pay expenses such as rent, mortgage, or utilities. GSG is serving as the Prime Contractor for five Florida counties participating in Florida Housing’s CRF program. The counties are Jefferson, Levy, Nassau, Wakulla, and Taylor. Except for the program and eligibility requirements, GSG provides the same level of services to the Counties as part Florida Housing CRF program as the FDEM CARES Act administered program.



GOVERNMENT SERVICES GROUP, INC.

JERRY OLFE, PE CIVIL ENGINEER

Jerry has over 15 years of engineering experience in the areas of stormwater design, master site planning, water and sewer modeling, flood plain studies, and commercial and residential development. Jerry has permitted and coordinated a number of projects through multiple regulatory agencies in Hernando, Citrus, Sumter, and Levy Counties.

SELECTED PROJECT EXPERIENCE

The Hut Pumping Station Upgrade and Force Main Project
Hernando County, Florida Design Engineer Design Engineer
the rehabilitation of The Hut pump station and rerouting of existing force main. Responsibilities include pump station modeling, pump station, and force main construction plan design and permitting. The project consists of providing a complete upgrade to the pump station, addition of 1,400 LF of 12-inch force main into the station, and 4,400 LF of 16-inch force main coming out of the station.

Sherman Hills Boulevard Re-alignment and SR 50 Frontage Road Extension, Town of Hernando County, Florida Design Engineer Design Engineer for the roadway and stormwater design associated with the SR 50 at I-75 (north) re-alignment from Sherman Hills Boulevard to SR 50 (north) design services and SR 50 Frontage Road extension from Parkland Avenue East to Sunrise Boulevard (South).

William Smith Water Reclamation Facility, Cobb Road
Oxidation Ditch #2 City of Jacksonville, Florida Design Engineer Design Engineer for the site layout and stormwater design for the wastewater treatment plant expansion. In charge of coordination and permitting of the site through the Florida Department of Environmental Protection (FDEP). Assisted in the bid production process for the project.

GNT Gap Design Utility Relocations City of Jacksonville, Florida Design Engineer Design Engineer for the water and sewer relocations and adjustments required for the FDOT Good Neighbor Trail design project. Permitting coordination through FDEP and FDOT.

Tampa Bay-Jacksonville Regional Airport Entrance Road
Hernando County, Florida Project Manager Design Engineer for new entrance road and stormwater upgrades located at the airport's entrance off Spring Hill Drive. Rehabilitated entrance included two drainage retention areas, a new mail kiosk area for the industrial park, new bus shelter, and bus stop area. Provided permitting and coordination with SWFWMD, Hernando County, and The BUS.



AREAS OF SPECIALIZATION:

- Infrastructure
- Permitting
- Pipelines
- Pumping Stations
- Hydraulic Modeling
- Roadway Design
- Stormwater Design

YEARS OF EXPERIENCE: 15

EDUCATION:

Bachelor of Science, Civil Engineering

PROFESSIONAL CERTIFICATIONS:

Professional Engineer, #81249, FL

FDEP Qualified Stormwater
Management Inspector #19205

Lake Hideaway Master Utility Plan Metro Development Group, Florida Design Engineer Design Engineer for the potable water and wastewater master plan created for the Lake Hideaway development. The Lake Hideaway development is an 896-acre development located off US-19 in Hernando County. The development is slated to provide up to 2,627 single-family sites, 208 townhome sites, a 2,500-person Metro Lagoon, and multiple restaurants and retail space.

Somerset Bay Master Utility Plan Somerset Land, LLC, Florida Design Engineer Design Engineer for the potable water and wastewater master plan created for the Somerset Bay development. The Somerset Bay development is a 453-acre development located in the heart of Spring Hill in Hernando County. The development is slated to provide up to 3,000 single-family sites, 750,000 SF of commercial space, 250,000 SF of office space, and 100,000 SF of governmental and institutional space.

KEN FRASER, PE

STEM PLANNING, DESIGN, AND PERMITTING, HYDRAULIC ANALYSIS, AND ROUTE EVALUATION

Ken is a Senior Engineer at Jones Edmunds. He has extensive experience in the design, permitting, and construction of various infrastructure projects, having overseen gravity/vacuum sewer, force main, and lift station improvements for projects ranging from single parcels to facilities that serve hundreds of residential and commercial properties. While serving as Clay County Utility Authority's Chief Engineer, Ken developed a personal understanding of utility needs from the owner's perspective, while providing senior A/C of all types of water/ wastewater projects.

SELECTED PROJECT EXPERIENCE

Old Homosassa East and West Septic Tank Phase Out Projects

Citrus County Engineer of Record Ken is the EO for these two projects, which are the first two of the Homosassa Springs Septic Tank Phase Out Program areas to get the new sewer system. We are designing a hybrid system, gravity/low pressure system, that will be completely in the ROW for ease of County maintenance. These projects include preliminary design, funding agency coordination, final design through bidding. We will also be supporting the County with Public Information sessions.

Beverly Hills (West) Septic Tank Phase Out JEA Engineer of

Record Ken was responsible for developing the conceptual design alternates through final detailed design services for the gravity sewer system, low-pressure sanitary grinder pump system, water main distribution system, and other infrastructure improvements associated with this project. This project is now in construction, and Ken provides support as the Lead Design Engineer.

Garcia Point Septic to Sewer Conversion Citrus County Utility Assurance/Utility Control Ken provided overall A/C for design on this project which involved a combination gravity and low-pressure sewer collection/transmission system with 14 duplex grinder pump stations installed for the removal of septic tanks for 68 existing homes and 20 vacant parcels adjacent to the Homosassa River.

US 441 Utility Relocation City of Leesburg Project Manager

Ken is engaged in preparing the construction documents for the relocation of utilities along US 441 from Perkins Street to Lowell Hill Road. The project will include the design of roughly 6,700 LF of sanitary gravity main, 11,800 LF of potable water main, 2,100 LF of sanitary force main and 9,200 LF of reclaimed water main.

Oakwood Villas Phase I, II and III Improvements JEA

Program/Project Manager Ken provided program/construction management of gravity/vacuum sewer, lift stations, and roadway/drainage system improvements to service roughly 1,440 existing residential/commercial properties. This included scope development, review/preparation of bid documents for open bidding, oversight of onsite inspectors/construction managers,



AREAS OF SPECIALIZATION:

- Sewer/Water Infrastructure
- Program/Construction Management
- Value Engineering
- Project Management
- Roadway/Drainage Systems

YEARS OF EXPERIENCE: 26

EDUCATION:

Bachelor of Science,
Environmental Engineering

PROFESSIONAL

CERTIFICATION:

Professional Engineer, 57452, FL

value engineering, formulation of field modifications, conflict resolution/negotiations and permitting oversight through certification of completion documentation.

Lake City S 47 Septic to Sewer City of Lake City Engineer of Record Ken provided technical oversight on this project where Jones Edmunds provided pre-design/preliminary engineering, surveying, permitting, and engineering design of two new master lift stations, approximately 2.5 miles of force main, approximately 1,400 LF of gravity main, and two horizontal directional drills under I-75. The City held a groundbreaking in October 2021, and the project is currently under construction.

Doctors Lake Septic to Centralized Sanitary Sewer Conversion Project Clay County Utility Authority's (CCUA) Quality Assurance/Quality Control This project includes providing engineering and construction services associated with removal of 77 septic tanks. CCUA received a cost-share agreement and notice to proceed from the St. Johns River Water Management District to connect identified areas to CCUA's central sewer system. The project consists of connecting approximately 77 homes to CCUA's central sewer system by grinder pumps. Ken provided quality control reviews of the construction documents.

Knollwood Sewer Design City of Rockledge Task Manager Ken performed preliminary engineering layout, design and permitting coordination for this septic tank phase out project. The goal of the project was to construct a new gravity sanitary sewer and lift station system to remove 143 homes from antiquated/malfunctioning septic tanks. This project was part of the City's efforts to meet the Total Maximum Daily Loads in accordance with BMAP requirements for the nutrient impaired Indian River Lagoon.

Penman Road Septic Tank Phase Out Improvements Design City of Jacksonville Beach Project Manager Ken is managing this project where Jones Edmunds is assisting the City with design and construction bidding services to connect six homes by gravity to its central sewer system in addition to replacing a couple blocks of force main. This infill project will remove the remaining septic tanks in this area of the City. Jones Edmunds also assisted the City with applying for a District Grant for the project which was awarded and accepted in September 2021.

DeLeon Springs Septic Removal Project Volusia County Engineer of Record The project purpose is to improve the water quality in the DeLeon Springs basin by providing new sewer service to decommission septic tanks. The project is partially funded by the St. Johns River Water Management District, FDEP, and Volusia County School Board. As Engineer of Record, Ken is actively engaged in the design of a new lift station and 14,250-feet of 8-inch force main, with 5,500-feet installed by HDD. Additionally, he is leading the design of 12,700-feet of 12-inch water main, including 5,350-feet by HDD. The existing wastewater treatment plant at McInnis Elementary School will be demolished and the site improved.

PETER SIMMS, PE

S STEM PLANNING, DESIGN, AND PERMITTING, H DRAULIC ANALYSIS, AND ROUTE EVALUATION

Peter is a Department Manager in Jones Edmunds Utilities Infrastructure Department. He has a background in civil engineering, and his career has been focused on the design and rehabilitation of wastewater collection and water distribution systems. He has experience working in a water/wastewater utility and managing asset management, condition assessment, and renewal programs. Recent relevant experience includes the A of the Old Homosassa Septic Tank Phase Out Hydraulic Model for Citrus County and Hernando County Airport Subregional Wastewater Treatment Plant Expansion and Upgrade.

SELECTED PROJECT EXPERIENCE

Wastewater Master Plan Hernando County Task Manager Peter provided hydraulic modeling services as Jones Edmunds developed a wastewater master plan, which includes the Florida Springs and Aquifer Protection Act requirements and updateable hydraulic models and project prioritization tables and an analysis of potential and probable growth areas and aging infrastructure.

Doctors Lake Septic Tank Phase Out Feasibility Study Clay County Utility Authority (CCUA) Task Manager Peter provided hydraulic modeling services as Jones Edmunds developed the CCUA's Doctors Lake Area Septic Tank Phase-Out Feasibility report to identify ways to efficiently and effectively remove the septic tanks surrounding Doctors Lake.

Homosassa Springs Septic Tank Phase Out S F Facilities Plan Citrus County Project Engineer Peter provided master planning and hydraulic modeling support for this septic to sewer project. The planning and modeling evaluated the existing system's capacity and will identify the required system improvements. The hydraulic modeling consisted of developing a model of the County's collection system, field drawdown testing of existing lift stations, model calibration, projecting current and future sanitary loadings, and alternatives analysis for recommended system improvements.

Beverly Hills West Septic Tank Phase Out JEA Project Engineer Peter designed the water main, gravity sewer system, hydraulic modeling for the lift station and force main, pump selection, and utility coordination on this project where Jones Edmunds developed conceptual design alternates through final detailed design services for the gravity sewer system, low-pressure sanitary grinder pump system, water main distribution system, and new lift station within the Beverly Hills West project area, which removed over 480 homes from septic tanks onto a centralized sewage system.

West Old Homosassa Sewer System Citrus County Project Engineer Peter is providing master planning and hydraulic modeling support for this septic to sewer project which consists of connecting over 700 homes to the County's existing sewer system. The planning and modeling will evaluate the existing system's capacity and will identify the required system improvements. The



AREAS OF SPECIALIZATION:

- Septic to Sewer Planning and Design
- Hydraulic Modeling
- Utility Condition Assessment
- Utility Rehabilitation
- Infiltration/Inflow Reduction
- Water/Wastewater Design
- Civil Engineering

YEARS OF EXPERIENCE: 13

EDUCATION:

Master of Engineering, Civil Engineering

Bachelor of Science, Civil Engineering

PROFESSIONAL CERTIFICATION:

Professional Engineer, 77031, FL

ASSCO Pipeline Assessment and Certification Program (PACP, MACP, LACP), U-0717-07008598

ASSCO Cured in Place Pipe ITCP, CIPP-316-0201767

ASSCO Manhole Rehabilitation ITCP, M-316,0100340

FDOT Advanced Maintenance of Traffic Program, 16413

hydraulic modeling consisted of developing a model of the County's collection system, field drawdown testing of existing lift stations, model calibration, projecting current and future sanitary loadings, and alternatives analysis for recommended system improvements.

East Old Homosassa Sewer System Citrus County Project Engineer Peter is providing A/ C services for these septic-to-sewer projects. The projects include hydraulic modeling, preliminary engineering, contract documents/specifications and construction drawings, bidding services, construction-phase engineering services, and construction observation services for a regional grinder pump system.

Lake City S 47 Septic to Sewer City of Lake City Quality Assurance and Quality Control Peter provides Quality Assurance and Quality Control on this project where Jones Edmunds provided pre-design/preliminary engineering, surveying, permitting, and engineering design of two new master lift stations, approximately 2.5 miles of force main, approximately 1,400 LF of gravity main, and two horizontal directional drills under I-75. The City held a groundbreaking in October 2021, and the project is currently under construction.

Septic to Sewer: SE 13th Avenue Gainesville Regional Utilities Project Manager Peter is managing this project that involves design, land rights, permitting, and public outreach services for the construction of approximately 1,000-1,500 LF of small diameter force mains and connection of approximately 6- septic tanks to G U's wastewater collection system. The homes will be connected with E/One grinder pumps.

Eastside Force Main - Phase 1 Gainesville Regional Utilities Project Manager Peter is responsible for project management and design for the replacement of 2-miles of 8-, 16-, and 18-inch force mains in East Gainesville. The design includes hydraulic modeling and analysis of over 75 of the lift stations that flow to the Main Street Water Reclamation Facility (MSW F), design drawings, and permitting.

Airport Subregional Wastewater Treatment Plant (SWWTP) Expansion and Upgrade Hernando County, Florida Engineer Peter was responsible for drawing all parts of the treatment plant in 3D and producing drawing sets from the 3D model.

Homosassa North S F Facilities Plan Citrus County Project Engineer Jones Edmunds is also completing the Homosassa Springs Septic Tank Phase Out Project State Revolving Fund (S F) Facilities report to FDEP. The S F Facilities report is required to be prepared for the County to be eligible for S F funding. The Facilities report included hydraulic modeling of the expanded sewer system through all project areas included in the Homosassa Springs area, along with preliminary cost estimates for sewer system design alternatives and a public information meeting for approval of the report. Peter led the hydraulic modeling tasks. This plan covers the remaining nine project areas in the Homosassa Springs Septic to Sewer Program.

DONALD SCOOTER SHELDON, PE STEM PLANNING, DESIGN, AND PERMITTING, HYDRAULIC ANALYSIS, AND ROUTE EVALUATION

Donald is a Professional Engineer at Jones Edmunds in the Infrastructure Discipline with specialized experience in water, wastewater, and reclaimed water pipeline design and permitting. He has served as the Engineer of record on several water and wastewater pipeline improvement and extension projects and has served as a technical lead on numerous septic-to sewer conversion projects throughout the Florida. Donald has experience designing pipelines via horizontal directional drill (HDD) in coordination with FDEP and FDOT permitting requirements. He is proficient in applying GIS and CAD technologies to infrastructure assessment and design objectives.

SELECTED PROJECT EXPERIENCE

Old Homosassa East and West Septic Tank Phase Out Projects

Citrus County Project Engineer Donald is leading the layout of the design alternatives and the setup of the hydraulic wastewater model. This system includes nearly 900 parcels that will be connected to the centralized system by a hybrid system consisting of gravity sewer and grinder pumps. Jones Edmunds is designing the hybrid system – gravity/low pressure – system that will be completely in the right-of-way for ease of County maintenance. These projects include preliminary design, funding agency coordination, final design, and bidding. We will also be supporting the County with public information sessions.

Homosassa North S F Facilities Plan Citrus County Project Engineer Jones Edmunds is also completing the Homosassa Springs Septic Tank Phase Out Project State revolving Fund (S F) Facilities report to FDEP. The S F Facilities report is required to be prepared for the County to be eligible for S F funding. The Facilities report included hydraulic modeling of the expanded sewer system through all project areas included in the Homosassa Springs area, along with preliminary cost estimates for sewer system design alternatives and a public information meeting for approval of the report. Scooter led the preliminary design team that evaluated the alternative options including costing the alternatives. This plan covers the remaining nine project areas in the Homosassa Springs Septic to Sewer Program.

Doctors Lake Septic to Centralized Sanitary Sewer Conversion In-Fill Design Project Clay County Utility Authority Project Engineer Donald is providing technical assistance on this project where Jones Edmunds is connecting identified areas to CCUA's central sewer system. The Doctors Lake Septic Tank Phase-Out project (Project) consists of connecting approximately 77 parcels to CCUA's central sewer system along Inlet Lane, Eagle Bay Drive, Windwood Lane, Quail Run Lane, and River Place Lane to replace existing septic systems.



AREAS OF SPECIALIZATION:

- Hydraulic Modeling
- Septic to Sewer Design
- Pipeline Design
- Permitting
- Project Management

YEARS OF EXPERIENCE: 6

EDUCATION:

Bachelor of Science,
Environmental Engineering

PROFESSIONAL

CERTIFICATION:

Professional Engineer, 90306, FL

DeLeon Springs Septic Removal Project **Polusia County** **Project Engineer**

The project purpose is to improve the water quality in the DeLeon Springs basin by providing new sewer service to decommission septic tanks. The project is partially funded by the St. Johns River Water Management District, FDEP, and Polusia County School Board. As Project Engineer, Scooter has performed calculation and site visit, and led the CAD effort in the design of a new lift station and 14,250-feet of 8-inch force main, with 5,500-feet installed by HDD. Additionally, he is assisting in the design of 12,700-feet of 12-inch water main, including 5,350-feet by HDD. The existing wastewater treatment plant at McInnis Elementary School will be demolished and the site improved.

northern Utility Service Area Phase 1 Septic to Sewer Project **Town of Lake Clarke Shores** **Engineer of Record**

Donald is the Engineer of Record for Phase 1 of the project. Jones Edmunds is assisting the Town with field and design activities for the first 8 streets of the full septic-to-sewer (S2S) conversions in the northern Utility Service Area (NUSA). The project includes a new gravity wastewater system, a new lift station, upgraded water system, and additional fire hydrants. Phase 1 of the project includes approximately 400 homes.

Lake City S 47 Septic to Sewer **City of Lake City** **Project Engineer**

Donald provided design assistance and CAD supervision on this project where Jones Edmunds provided pre-design/preliminary engineering, surveying, permitting, and engineering design of two new master lift stations, approximately 2.5 miles of force main, approximately 1,400 LF of gravity main, and two horizontal directional drills under I-75. The City held a groundbreaking in October 2021, and the project is currently under construction.

Penman Road Septic Tank Phase Out Improvements Design **City of Jacksonville Beach** **Project Engineer**

Scooter performed permitting tasks required to connect six homes to the City's sewer system. Overall, Jones Edmunds is assisting the City with design, bidding, and construction services to connect the six homes by gravity. This infill project will remove the remaining septic tanks in this area of the City. Jones Edmunds also assisted the City with applying for a District Grant for the project which was awarded and accepting in September 2021.

Water Main Improvements **City of Jacksonville Beach** **Project Manager/Engineer of Record**

Donald managed the project, including leading the design as the Engineer of Record and liaising with the City. Jones Edmunds completed the design and is preparing the bid documents to replace 2-inch galvanized steel water mains with 6-inch PCC for improved flows and fire hydrants.

Palm Avenue Water Main Replacement **JEA** **Project Engineer**

Donald provided design and permitting services to replace aging water mains serving Baptist Medical Center Downtown. To maintain JEA Critical Customer service to the Baptist Downtown, the existing mains will remain in service throughout the water main construction.

BURT ENNETT, CCI DIRECTOR OF CONSTRUCTION SERVICES

Burt brings over 40 years of experience in a variety of construction and engineering projects, most of which have been located here in Hernando County.

Various projects in over 33 years of construction engineering experience here at Coastal include major public collector/arterial and minor private cloacal roads and bridges wastewater collection and treatment systems water distribution and treatment/supply systems drainage control systems bidding construction, including architectural inspections airport runway, taxiway and hangar improvements, railroads, dredging projects, solid waste landfills, hospital and medical center, commercial and residential development projects, golf courses, and both conventional coal and nuclear electrical power generating stations.

SELECTED PROJECT EXPERIENCE

Stoneybrook Lift Station and Force Main Rehabilitation Project Hernando County, Florida Construction Inspection

Provided engineering construction inspection services the expansion of an existing lift station and rerouting of the force main transmission system. The project included the installation of 1,700 LF of new 8-inch force main and the abandonment of approximately 2,200 LF of existing 4-inch force main. Located within an existing residential subdivision and an area with high groundwater elevation, steel sheet piling and phased construction were required in order to expedite progress and reduce overall project cost.

Richard Drive Shoal Line Boulevard Force Main and Water Main Hernando County, Florida Construction Inspection

Provided engineering construction inspection services for approximately 8,825 LF of 4-inch force main and connection of 9 existing manhole type single pump lift stations, inline valves, and restoration. Project took place within an existing residential neighborhood, Weeki Wachee Shores, and included close coordination with residents to accommodate access and reduce impact. Existing wetlands and spring fed canals also created environmental challenges throughout the design and construction phase.

Sherman Hills Boulevard Re-alignment and SR 50 Frontage Road Extension, TO 5 Hernando County, Florida Construction Inspection Engineering construction inspection services for S 50 at I-75 north: re-alignment from Sherman Hills Boulevard to S 50 (north) design services and S 50 Frontage Road extension from Parkland Avenue East to Sunrise Boulevard (South).



AREAS OF SPECIALIZATION:

- Project Management
- Construction Management
- Inspection Services
- Cost Estimating
- Budgeting
- Field and Permit Reporting
- Bid Phase Coordination
- Project Scheduling
- Quality Control
- Construction Review Observation

YEARS OF EXPERIENCE: 42

EDUCATION:

Building Construction –
St. Petersburg Jr. College

PROFESSIONAL CERTIFICATIONS:

FDOT Local Agency Program (LAP)

Certified Construction Inspector 4201

FDEP Qualified Stormwater
Management Inspector 5968

FDOT Training Certification

- Engineering Inspection
- Earthwork Inspection
- Asphalt Inspection
- Contract Admin. Claims

William Smith Water Reclamation Facility, Cobb Road Oxidation Ditch #2 City of Brooksville, Florida Project Manager/Construction Inspection Project Manager for the plant expansion project design and permitting process. The proposed expansion plan for the facility included the addition of a second oxidation ditch and other related unit processes to eventually provide a 3MGD capacity at the plant. Oversight of the bidding process and provided engineering construction inspection throughout the construction process.

Utility Relocations Locust Hart Road to East of Remington Road Hernando County, Florida Project Manager/Construction Inspection Project Manager and construction inspection for the relocation and water and sewer force main located within the FDOT right-of-way.

South Brooksville Drainage (MP #) Hernando County, Florida Project Manager/Construction Inspection Project manager and construction inspection for the implementation of BMP 7 which consisted of an on-line drainage pond improvement and control structure. Project included coordination between the City of Brooksville and Hernando County to co-locate the improvements and provide for future maintenance.

Hernando County Landfill Cell Offsite Leachate Force Main Hernando County, Florida Project Manager/Construction Inspection Responsible for construction administration and inspection for design survey and design of an 11-mile 12-inch offsite combined wastewater/leachate force main which runs from the landfill to the Glen Water Reclamation Facility.

- Concrete Bridges Foundation Inspection
- Work Zone Traffic Control Safety

Summary of Capabilities

Geotechnical Engineering
Pavement Engineering and Mechanics
Numerical Modeling of Pavements
Numerical Modeling of Soft Soil Embankments
Numerical Modeling of Soil-Structure Interaction

Years of Experience

With Tierra: 16 years
With Other Firms: 1 year

Education

PhD, Civil Engineering, University of Florida, 2007
MS, Civil Engineering, University of Florida, 2000
BS, Civil Engineering, University of Florida, 1999

Professional Organizations/Registrations/Awards

Florida Professional Engineer, No. 67431
American Society of Highway Engineers
Tau Beta Pi Engineering Honor Society
Chi Epsilon Civil Engineering Honor Society

Mr. Novak has been working in the field of geotechnical and materials engineering since 1996 when he interned as a field and laboratory technician while pursuing his B.S. in Civil Engineering at the University of Florida. Upon graduation in 1999, Mr. Novak pursued a M.S. degree in geotechnical engineering, studying the effects of lateral impact loads on bridges. Upon graduation in 2000, he received a four-year Alumni Fellowship to continue doctoral research at the University of Florida. His research focused on pavement mechanics specializing in Superpave asphalt pavement. He graduated in August 2007 with a Ph.D. Mr. Novak has been exposed to a wide variety of projects while conducting research at the University of Florida including soil-structure interaction, soft-soil embankment modeling, dam construction, laboratory testing and pavement engineering. Mr. Novak joined Tierra in January 2004 and he has been involved in projects for the private and public sectors including the FDOT (roadway, pavement, and bridge structure investigations).

Project Experience

Crystal River Reclaimed Water Pipeline, Citrus County
S 19 and E 3rd Avenue Signals, Citrus County
Sugarmill Woods Wastewater Treatment Plant, Citrus County
Lakeside Community Potable Water Main Interconnect, Citrus County
SR 44 and Pleasant Grove Road Bob Evans, Citrus County
Lake Virginia/Allen Outfall Stormwater Improvements, Hillsborough County
Christina Watershed Outfall Improvements - Baffle Box, Polk County
Drew Park CRA Stormwater Project: Berm Analysis and Pond Liner Design, Hillsborough County
Utility Relocation and Improvements along Corkscrew Road, Lee County
Matlacha Water Main, Lee County
Holloway Road Drainage Improvements Stormwater Management Facility, Hillsborough County
127th Avenue Stormwater Improvements, Hillsborough County
Rivercrest Stormwater Management Area and Access Road, Hillsborough County
Dale Mabry Pipeline, Hillsborough County
Tampa Bay Water Northwest Hillsborough Pipeline, Hillsborough County
Timber Greens Booster Pump Station, Pasco County
South Cross Bayou Water Reclamation Facility, Pinellas County
Wungle Lake E Basin Stormwater Improvements, Pinellas County
TECO C G Pumping Station, Hillsborough County
ephyrHills Development Stormwater Management, Pasco County
North Lake Outfall Stormwater Improvements, Hillsborough County
Lake Mango Stormwater Improvements, Hillsborough County
SR 60 and Falkenburg Road Force Main, Hillsborough County
Apollo Beach Force Main, Hillsborough County
Boyette Road Force Main, Hillsborough County

SCOTT M. OSORNE, PSM PROFESSIONAL SURVEY MANAGER

Scott is the Professional Survey Manager for Coastal with over 29 years of experience in a variety of land surveying projects.

RELEVANT EXPERIENCE AND QUALIFICATIONS

- Project Management
- Right-of-Way Surveys
- Maintained Right-of-Way Surveys
- Field Construction Layout
- ALTA Boundary Surveys
- Boundary and Topographical Surveys
- Metes and Bounds
- Section Breakdown Surveys
- Record Drawing Surveys
- Platting
- Right-of-Way Surveys
- Flood Certifications

SELECTED PROJECT EXPERIENCE

Ridge Manor West Hill 2R Area Hernando County
Surveyor Surveyor of record for the boundary and topographic design survey. Prepared sketch and description for acquisition of a temporary construction easement and acquisition parcel.

Cartee Water Treatment Plant Survey Hernando County
Surveyor Surveyor of record for the boundary and topographic design survey. Provided sketch and description work for acquisition of parcels.

Glenac Dump Station Survey Hernando County Surveyor
Surveyor of record for the boundary and topographic design survey. Provided survey for above and underground utilities located at the Glen W F dump station site. Information on drainage pipes, inlets, and stormwater infrastructure was provided.

The Hut Pumping Station and Force Main Project Hernando County
Surveyor Surveyor of record for the boundary and topographic design survey. Provided right-of-way route design survey and prepared sketch and descriptions for easement acquisition.



AREAS OF SPECIALIZATION:

- Project Management
- Surveying Mapping
- Platting
- Construction Staking
- Flood Certifications

YEARS OF EXPERIENCE: 29

EDUCATION:

Pasco Hernando State College,
Surveying Certification

PROFESSIONAL CERTIFICATIONS:

Professional Surveying and Mapping,
LS6028, FL

Thunderbird Easement Survey Hernando County Surveyor
Surveyor of record for the sketch and legal description
associated with the project parcel in order to obtain necessary
easement.

Ridge Manor West TP 1 Hernando County Surveyor
Surveyor of record for the boundary, topographic and tree design
survey. Provided sketch and descriptions for easement
acquisition.

Roper Road Lift Station Survey Hernando County Surveyor
Surveyor of record for the boundary, topographic and design
survey along the Roper Road right-of-way. Located property
corners and reset iron rods at the intersection of the existing
easements, lots and right-of-way.

Almond Court Salem Court Lift Station Site and Access
Survey Hernando County Surveyor Surveyor of record for
the boundary and topographic survey for the Almond Court and
Salem Court lift station. Located all above-ground and
underground utilities within the lift station area and adjacent
properties to determine requirements for future easements.

Section PROJECT TEAM

Project Team Location

Coastal Engineering has assembled an experienced local team that you know and trust. Our office is located in Hernando County within 20 minutes of District A. All our team members are in Florida and able to be on site very quickly. Collectively, our work is extremely focused on Florida projects, and Coastal Engineering and Jones Edmunds specialize in providing municipal engineering services in Florida. **We are excited about the opportunity to continue to apply our skillsets right here in our backyard.**

However, it is not important to be solely local. We believe our team's locations are advantageous to the County because we are both local and have a depth of local project experience. The Coastal/Jones Edmunds team worked closely with County staff on your Wastewater Master Plan including the BMAP-required OSTDS Remediation Plan. Our team has also supported the County with expansion of your wastewater treatment facilities and a system hydraulic model. This experience has provided our team with a solid understanding of how the addition of newly sewerred areas will impact your overall wastewater system. We are also very familiar with the FDEP Septic Upgrade Incentive Program. Our team participated with the County in your initial calls with FDEP when this program was first considered. Our team also provided initial support to FDEP when developing the program. **Our team's depth local experience is unique and valuable to the County.**

Our depth of local experience also means we have a deep set of relationships that can facilitate delivering cost-effective solutions. Our team is well networked with the FDEP permitting team, equipment vendors, funding agencies, and contractors. These relationships may not affect many of the day-to-day operations of the design team, but when we need to communicate with these stakeholders our relationships allow us to effectively keep the project moving. **Without these deep local networks to lean on, the project schedule could become difficult to keep on track.**

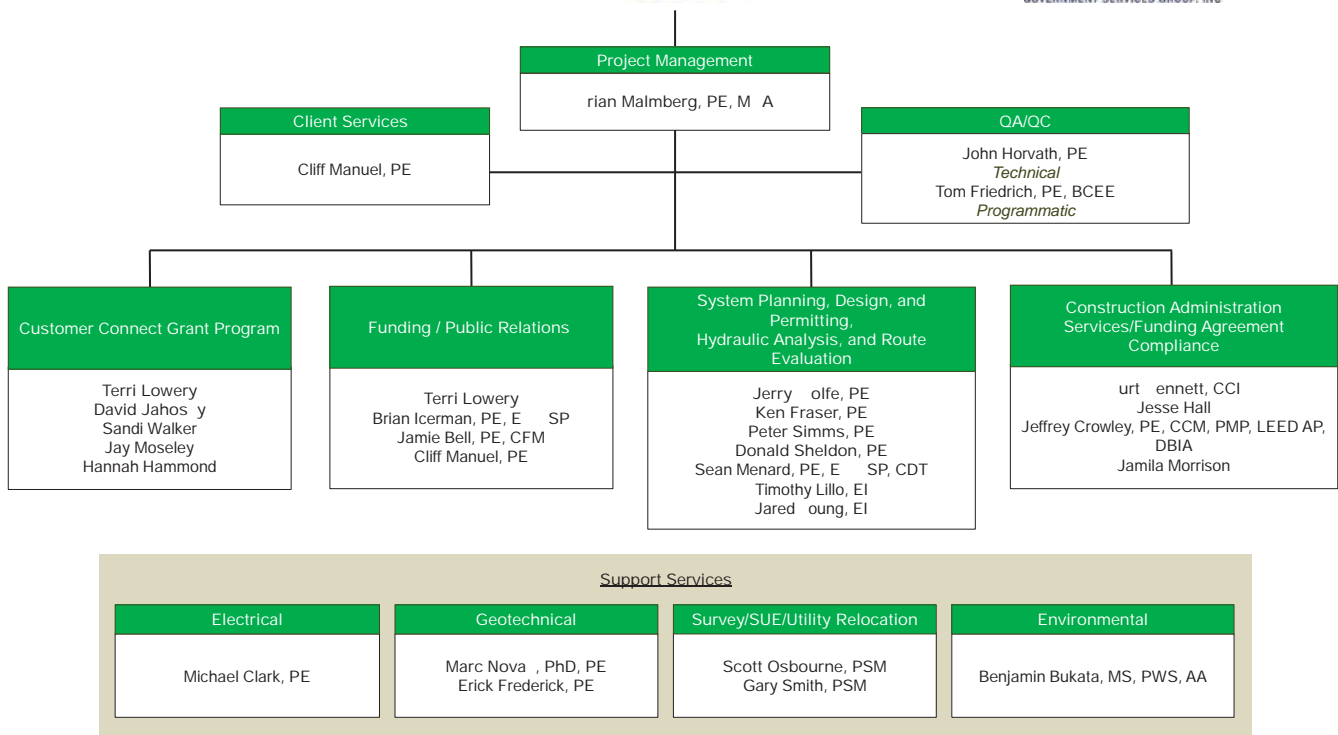
In short, our project team consists of primarily local and 100% Florida talent with a proven record of cost-effectively delivering septic to sewer solutions to local communities across Florida.

Located to Provide Unrivaed Service





Project Team Organizational Chart
 old Key Personnel



Section PROJECT TEAM A AILA ILIT

Coastal and Jones Edmunds have selected qualified team members who have previously worked on projects similar in scope and size and who will meet Hernando County's needs and goals. We understand the importance of interdisciplinary communications to maintain high levels of efficiency. Our personnel have the expertise and experience needed to provide all services requested under this F .

Our team has been eagerly awaiting this project and has planned the resources needed to achieve all project goals and to meet the County's time and budget requirements.



The local proposed team members presented will suffice to complete this project, many of whom are within the County and a short drive to the project site. We understand the importance of timeliness and, therefore, we have teamed with Jones Edmunds to complete this project more efficiently. With our team's extensive experience providing this type of service, we are confident in our ability to accurately project the time and resources needed to perform the work efficiently and cost-effectively.

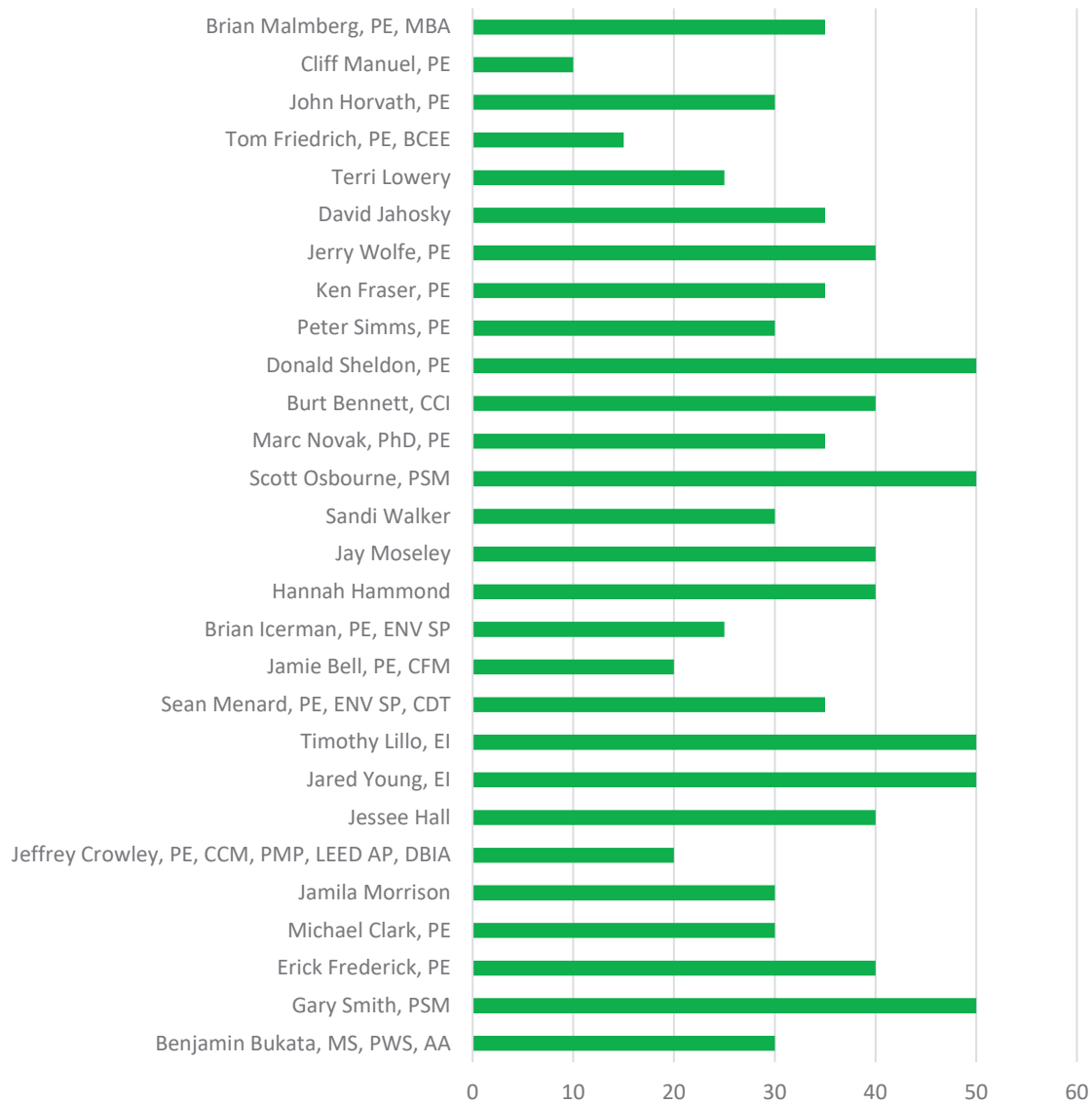
We specifically broke the project team into major components on our organizational chart. Each component has a team member capable of leading it to success. These component leaders will work together and with our Project Manager to divide this project into bite-size pieces effectively and efficiently. The key to success on a multi-discipline project like this is to create a solid foundational plan and effectively communicate along the way.

With the overall industry workload and competing priorities in mind, Coastal and our partner firms have been preparing for and are committed to providing the capacity needed to accomplish this project on time. As a local company focused on the nature coast, we have learned how to handle multiple projects within our community simultaneously. We included teaming partner Jones Edmunds who has significant depth of resources and experience in designing and overseeing septic to sewer projects to ensure the County's needs are met. We are excited to team with Jones Edmunds as we did for the Glen W F Upgrades project and Wastewater Master Plan Project. Jones Edmunds' has provided a separate linear infrastructure design team different from the wastewater plant design team scheduled to work on the Glen W F Upgrade project. This division of teams will allow them to support both projects simultaneously.

Additionally, with our local team members all being located so closely together, we hold team meetings where our component leaders can all get in one room to discuss major design elements and mark up full-size drawings together. As demonstrated by the chart below, our personnel are available to lead and complete this project successfully over the project schedule during F 22 and F 23.

Section PROJECT TEAM A AILA ILIT

Project Team Expected Percentage Average Monthly Availability During FY22 and FY23



Section C PAST EXPERIENCE

Client Name, Address,
Telephone, and Email:
City of Brooksville
Utilities Department

Jeremy Burgess
Director of Utilities
352.540.3860
jburgess@cityofbrooksville.us
600 South Brooksville Ave.
Brooksville, FL 34601

Time Period of the Project:
6/2020 – Current

Project Budget:

Engineering – Design and
Construction: \$64,438

Construction: Under
Construction

☒ On Time

☒ Within Budget

Team Members and Their
Roles:

- Brian Malmberg, PE
Project Manager,
Design
- Jerry Wolfe, PE
Design Engineer
- Cliff Manuel, PE
A/C
- Burt Bennett
Project Manager,
Construction
- Scott Osbourne, PSM
Surveyor

GNT Gap Design Utility Relocations, City of Brooksville, FL



Description of Services Provided: Coastal Engineering Associates, Inc. provided surveying, design and permitting, bid assistance, and construction administration services for the Good Neighbor Trail (GNT) Gap Utility Relocations project. The Florida Department of Transportation (FDOT) has designed and will start construction in mid-2022 on the Gap section of the Good Neighbor Trail, which will connect the trail currently ending at the Cortez Boulevard and Cobb Road intersection to the existing Good Neighbor Trail in downtown Brooksville. This connection is part of the Coast-to-Coast Trail initiative that will provide pedestrian/bicycle access from the west coast of Florida to the east coast.

Coastal assisted the City in becoming the liaison and coordinator between the City's Utility Department and FDOT. Coastal provided the Utility Agency Owner (UAO) coordination throughout the FDOT review phases. In addition, Coastal prepared utility relocation plans for potable water and sanitary sewer services and transmission mains that were in conflict with the trail design. Coastal is currently working with the City to finalize the bidding process and relocate the utilities prior to the 2022 trail construction start date.

Section C PAST EXPERIENCE

Client Name, Address, Telephone, and Email:
JEA
Pete Hallock, PE
13901 Sutton Park Drive S Ste 200
Jacksonville, FL 32224-0229
904.665.8689
Hallpc@jea.com

Time Period of the Project:
11/2018 – 7/2020

Project Budget:
Engineering – Design and Construction Budget:
1,749,685
Completed under budget
1,732,865
Construction Budget:
20,387,000
In construction, estimated completion 8/2023

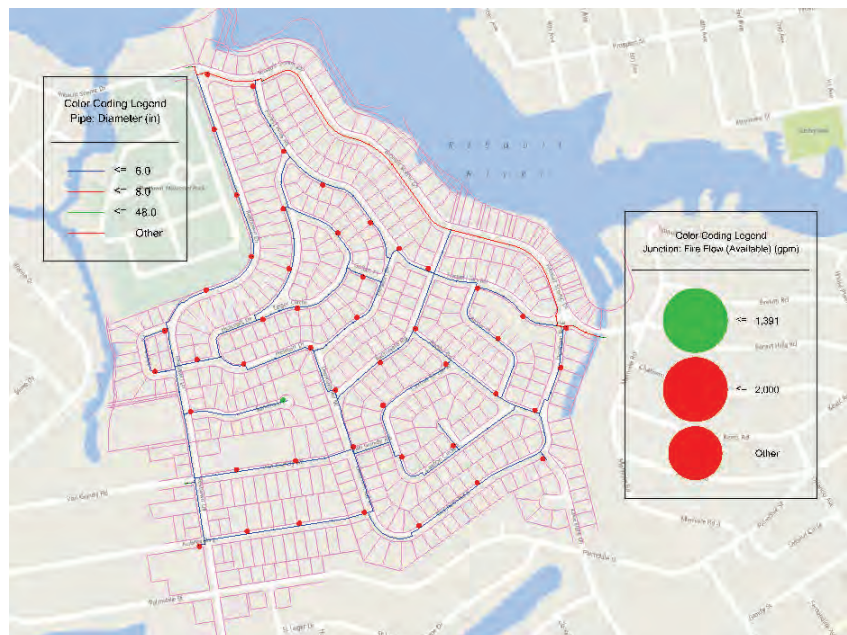
☒ On Time

☒ Within Budget

Team Members and Their Roles:

- Brian Icerman, PE, EIT, CSP
Project Manager, Design
- Ken Fraser, PE
Engineer of Record
- John Horvath, PE
Quality Assurance/Quality Control
- Peter Simms, PE
Project Engineer
- Jamie Bell, PE, CFM
Project Engineer
- Timothy Lillo, EI
Engineer Intern
- Jamila Morrison
Construction Project Coordinator

Beverly Hills West Septic Tank Phase Out Design Phase Services, JEA, Jacksonville, FL



Description of Services Provided: Jones Edmunds initiated this project to reduce the nutrient loading to the St. Johns River by implementing a new centralized sanitary sewage system to serve roughly 480 homes. The project consisted of developing conceptual design alternatives through final detailed design services for the gravity sewer system, low-pressure sanitary grinder pump system, and water main distribution system improvements within the Beverly Hills West project area. Ultimately the client chose the gravity sewer system for all but two homes. The design also included individual final detailed layouts of the on-site sewer connection for each existing residential structure within the project footprint. These individual designs included the details for proper abandonment of septic tanks and drain fields on the residential lots.

All wastewater flow from the new Beverly Hills West lift station will be directed to the 12-inch force main downstream from the 1202 Bunker Hill Vacuum Lift Station and then on to the Buckman Street Wastewater Treatment Facility for treatment. The connection point on the 12-inch force main was selected based on the most cost-effective/practical route.

The design within the Beverly Hills Septic Tank Phase Out area includes upgrading the existing water system to current materials and design standards. The project area is currently served by multiple 2-inch water main loops as well as asbestos cement, galvanized, and cast-iron pipes. The proposed water main system upgrades will include the installation of additional fire hydrants to conform to current standards.

Section C PAST EXPERIENCE

Project challenges include working within a narrow right-of-way of 60-feet, maintaining water service, constructing in areas with asbestos cement pipe water mains, selecting lift station locations, sequencing construction, providing public outreach, providing maintenance of traffic, planning and designing site dewatering, and rebuilding the roads in high groundwater table areas.

The design phase of this project was completed on time and under budget. The project is now in construction, and Jones Edmunds is providing full construction phase engineering services include resident observation.



Section C PAST EXPERIENCE

Client Name, Address,
Telephone, and Email:
City of Brooksville
Utilities Department

Jeremy Burgess
Director of Utilities
352.540.3860
jburgess@cityofbrooksville.us
Brooksville, FL 34601

Time Period of the Project:
2/2020 – Current

Project Budget:

Engineering – Design and
Construction: 206,880

Construction: Under
Construction

☒ On Time

☒ Within Budget

Team Members and Their
Roles:

- Burt Bennett
Project Manager, Design
Construction
- Brian Malmberg, PE
Design Engineer
- Jerry Wolfe, PE
Design Engineer
- Cliff Manuel, PE
A/E/C
- Scott Osbourne, PSM
Surveyor

William Smith Water Reclamation Facility, Cobb
Road Oxidation Ditch #2, City of Brooksville, FL



Description of Services Provided: Coastal Engineering Associates, Inc. completed all phases of the William Smith Water Reclamation Facility, Cobb Road Oxidation Ditch #2 Expansion project from surveying, to design and permitting, through construction administration services. The plant was originally designed by the Coastal team to include this second phase. This particular project includes the re-evaluation of the original design to bring the project up-to-date and oversight of the bidding and construction process.

The proposed expansion plan for the facility includes the addition of a second oxidation ditch and other related unit processes to eventually provide 3 MGD capacity at the plant. Coastal partnered with McDonald Group International, Inc. for process design, MKT Engineers, Inc. for structural design, and Hall Engineering Group for electrical design on this project. Coastal is currently overseeing the project bidding process and expects to have construction started before the end of 2021.

Section C PAST EXPERIENCE

Client Name, Address,
Telephone, and Email:
Citrus County
Kenneth Cheek, Jr.
3600 W. Sovereign Path
Ste 291
Lecanto, FL 34461-9014
352.527.7650
Ken.Cheek@citrusbocc.com

Time Period of the Project:
1/2016 – 6/2018

Project Budget:

Engineering – Design and
Construction: \$22,745

Construction: \$2,625,237

☒ On Time

☒ Within Budget

Team Members and Their
Roles:

- John Horvath, PE
Project Manager, Design
- Terri Lowery
Funding and Outreach
- Ken Fraser, PE
A/C
- Donald Sheldon, PE
Project Engineer
- Jamila Morrison
Construction Project
Coordinator
- Mike Clark, PE
Project Engineer

Homosassa Springs Septic to Sewer Program, Citrus County, FL



Description of Services Provided: Jones Edmunds completed all elements of the first phase of the Homosassa Septic to Sewer Program (Garcia Point Septic to Sewer Conversion) Project, from assistance with funding agencies and public relations into design and permitting through construction phase services. The Garcia Point neighborhood is in the middle of the Homosassa Springs Septic Tank Phase Out project areas, and this design laid the groundwork for the sewer system that will be installed in the other nine project areas. This project is complete, and residents are connecting to the new sewer system.

The purpose of this project was to eliminate up to 88 active or future residential septic systems within the area as well as the discharge of nutrients and other septic tank pollutants entering groundwater and seeping into the Homosassa River. Our Team worked with the County to reallocate a 2006 Legislative appropriation originally directed to an area at the headwaters of the Homosassa Spring and to procure Springs funding that resulted from the 2016 Florida Springs and Aquifer Protection Act and Cooperative Funding from SWFWMD. Jones Edmunds worked with the County, FDEP, SWFWMD, and the State Legislature to procure project funding.

The selected sewer system for the Garcia Point neighborhood was the hybrid (coupled gravity/grinder pump) system. The hybrid system uses short shallow runs of gravity sewer connected to small duplex lift stations that pump the wastewater to the force main or master pump station by grinder pumps. The hybrid system is perfect for the Homosassa Springs project areas because it can all be constructed in the County-owned right-of-way, does not require deep excavations – limiting interaction with limerock and minimizing dewatering – and can be installed in the very tight roadways that are predominant around Homosassa.

Section C PAST EXPERIENCE

Jones Edmunds is also completing the Homosassa Springs Septic Tank Phase Out Project State Revolving Fund (SRF) Facilities report to FDEP. The SRF Facilities report is required to be prepared for the County to be eligible for SRF funding. The Facilities report included hydraulic modeling of the expanded sewer system through all project areas included in the Homosassa Springs area, along with preliminary cost estimates for sewer system design alternatives and a public information meeting for approval of the report. This plan covers the remaining nine project areas in the Homosassa Springs Septic to Sewer Program.

Jones Edmunds is currently supporting the County by designing Phases 2 and 3 of the program. The Old Homosassa (Downtown) West and East Septic Tank Phase out projects – both of which are in design – and recently submitted to SWFWMD for the 30% CFI peer review process. These two areas include over 800 lots. The wastewater from these project areas will use the Chassahowitzka Force Main and the Southwest Regional Wastewater Facility. Jones Edmunds recently completed both design and construction services for both of these projects. The Chassahowitzka Force Main included 12,500 LF of 12-inch D18 PC force main with bore and jack crossings under US 19 and CR 480 as well as 10 HDPE directional drills.

Section C PAST EXPERIENCE

Client Name, Address,
Telephone, and Email:
Wakulla County
Brandy King, Director, Fiscal
Operations
3093 Crawfordville Highway
Crawfordville, FL 32327
(850) 926-0919 ext. 711
bking@mywakulla.com

Time Period of the Project:
2/2021 – 9/2022

Project Budget:
\$87,500

Project is Ongoing, On Track to
be Completed On Time and
within Budget

Team Members and Their
Roles:

- David Jahosky
Managing Director
- Sandi Walker
Assistant Director
- Jay Moseley
Senior Consultant
- Hannah Hammond
Project Manager

Septic Upgrade and Sewer Connection Incentive Programs, Wakulla County, Florida



Description of Services Provided: Government Services Group, Inc. was retained by Wakulla County to manage and facilitate the Septic Upgrade Incentive Program and the Sewer Connection Incentive Program in February 2021.

Wakulla County was awarded two Florida Department of Environmental Protection (FDEP) grants: (1) for a septic upgrade incentive program in the amount of \$577,500 and (2) for a sewer connection incentive program in the amount of \$385,000. The County anticipates additional funding from FDEP for the septic upgrade incentive program by the end of calendar year 2021.

The scope of services included:

- Evaluate and advise the County on the eligibility of proposed expenditures funds.
- Communicate with FDEP on behalf of the County.
- Assist the County with advertising as required by the FDEP Grant Agreements, and County policies, as applicable.
- Review applications for eligibility and compliance with FDEP Program requirements and applicable implementing rules, regulations, and guidance and the FDEP Grant Agreements.
- Prepare and submit to FDEP required reports in connection with the FDEP Grant Agreements.
- Represent during site visits and monitoring, as needed.
- Develop project information management and filing system.
- Develop project financial management system for receiving and disbursing funds.
- Develop and track budget for FDEP projects, programs, and activities.
- Oversee project schedule and compliance for FDEP projects, programs, and activities.

Section C PAST EXPERIENCE

- Assist in the development of County requests for reimbursement to FDEP.
- Provide technical assistance.
- Balance final budget for FDEP Grant Agreement projects, programs, and activities for state reporting.
- Prepare documents for administrative/financial close-out.
- Assist the County, as applicable, with subsequent audits or investigations related to the County's use of FDEP funds.

The GSG team, consisting of David Jahosky, Sandi Walker, Jay Moseley, and Hannah Hammond, began this project by developing a streamlined project management approach for processing applications bidding out the work overseeing permitting, construction, and CO and developing a financial management system for the disbursement of funds. The team communicated general knowledge about the program, advanced septic systems, and the replacement and connection process to potential applicants and dispersed applications to interested property owners. As the program continued, GSG maintained efficiency by acting as a liaison between the County, property owners, and contractors.

GSG team members ensure compliance with FDEP requirements and County policies by determining program eligibility, preparing necessary documents, guiding contractors through the process, and developing and tracking the FDEP budget. GSG continues to provide oversight over the program processes as construction continues to ensure funds are expended in a timely manner, as well as monitoring the waiting list for anticipated future funds. While the project is still in process, it is anticipated to be completed as scheduled in the contract based on the progress documented in the quarterly reports GSG provides the County. The entirety of the grant budget has been assigned to 78 applicants with over 50 having construction completed and funds disbursed.

Section D HERNANDO COUNTY ORK

Client Name, Address,
Telephone, and Email:
Hernando County
Richard Kirby
Engineering Division Manager
352.754.4769

[@hernandocounty.us](mailto:rkirby@hernandocounty.us)

15365 Cortez Boulevard
Brooksville, FL 34601

Time Period of the Project:
8/2019 – 4/2021

Project Budget:
798,284

☒ On Time

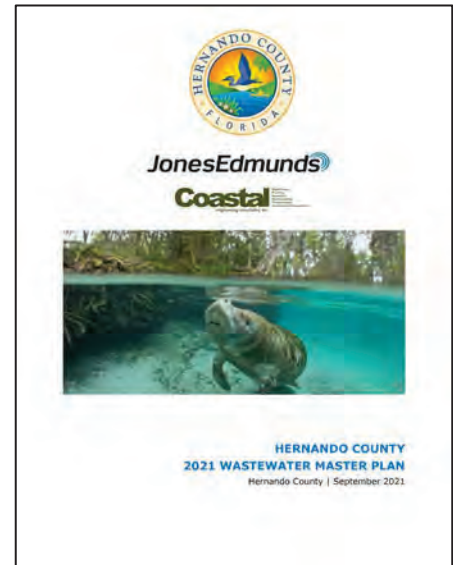
☒ Within Budget

Team Members and Roles:

- Tom Friedrich, PE, BCEE
Client Services, EO
- Jeffrey Crowley, PE, CCM,
PMP, LEED AP, DBIA
Project Manager
- Terri Lowery
A/C – Springs Grants,
Funding, Public Outreach
- Brian Icerman, PE, EIT
A/C – W/F
Improvements
- TJ Lillo, EI – W/F –
Headworks, BOD
Identification, Biosolids
Digester, Future Expansion
- Peter Simms, PE
W/F – Plant Hydraulics
Pumping Design
- John Horvath, PE
Effluent Reuse/IBS/
- Brian Malmberg, PE
- Cliff Manual, PE
- Jerry Wolfe, PE
Site/Civil/Stormwater/EIP
Mike Clark, PE
Electrical/II/SCADA
- Scott Osbourne, PSM
Structural/Geotechnical/
Survey/SUE
- Burt Bennett, CCI
Construction Administration

Wastewater Master Plan, Hernando County, FL

Description of Services Provided:
Coastal Engineering served as a subconsultant to Jones Edmunds in preparing a WWMP to outline the County's wastewater collection and treatment needs and improvements over the next 20 years. The unincorporated County has numerous areas served by private onsite sewage treatment and disposal systems. FDEP identified the County as being in the Basin Management Action Plan for at least two Outstanding Florida Springs – Weeki Wachee and Chassahowitzka. The WWMP includes analysis of potential and probable growth areas as well as projected service needs in those areas over the next 20 years.



Our team assisted the County in securing Springs Funding for the project, and the WWMP incorporated the requirements of the Florida Springs and Aquifer Protection Act and completion of the required Feasibility Assessment Document to reduce pollution to the springs by developing a phased septic to sewer conversion program within the Priority Focus Area. The WWMP included an updated sewer system hydraulic model, analyses of aging sewer collection and wastewater infrastructure, and recommendations for sewer infrastructure renewal and replacement as well as recommended priorities as identified by County operations and engineering staff. Developing and implementing the Hernando County WWMP is a combined effort among Hernando County residents, key stakeholders, BOCC, and HCUD. This effort provided an affordable community solution that addresses the common goal of improving and restoring the Weeki Wachee Outstanding Florida Spring and enhancing the community's quality of life by supporting the following goals:

- Summarize the need to reduce TSS discharges and restore Spring MFLs.
- Develop detailed wastewater flow estimates through 2040.
- Review existing wastewater collection and transmission systems and develop improvement recommendations.
- Review existing W/Fs, conduct condition assessments, and prepare infrastructure improvement recommendations to address growth and meet low-level TSS requirements.
- Develop a 20-year Capital Improvement Plan (CIP) for infrastructure needs.
- Perform a financial analysis and develop funding programs and options for the County to implement the recommended CIPs.
- Conduct a Public Outreach Program to disseminate information to the impacted communities and build stakeholder acceptance.

The WWMP developed a 20-year CIP for septic conversions and transmission system and wastewater treatment expansion/improvements to meet the needs of the community.

Section D HERNANDO COUNTY ORK

Client Name, Address,
Telephone, and Email:
Hernando County
Utilities Department

Josh Walker
Project Manager
352.540.4368
jwalker@hernandocounty.us
15365 Cortez Boulevard
Brooksville, FL 34601

Time Period of the Project:
3/2019 – 11/2020

Project Budget:

Engineering – Design and
Construction: 72,436

Construction: 777,231

☒ On Time

☒ Within Budget

Team Members and Their
Roles:

- Brian Malmberg, PE
Project Manager, Design
- Jerry Wolfe, PE
Design Engineer
- Cliff Manuel, PE
A/C
- Gary Smith, PSM
Surveyor
- Burt Bennett
Project Manager,
Construction

Condo's Force Main Replacement Project, Hernando County, FL



Description of Services Provided: Coastal Engineering Associates, Inc. completed all phases of the Condos Lift Station Force Main Replacement Project including surveying, environmental, design, and permitting through construction administrative services. This project is located in Spring Hill along the major arterial roadway, Spring Hill Drive, and consists of enlarging and rerouting a force main through the existing neighborhood. Although Spring Hill Drive acts as an arterial roadway, it is lined with residential and commercial driveways along the entire route of the forcemain.

The project included the replacement of an existing 3,300 linear feet of force main located in an easement in the backyards of a number of single-family lots. The force main was enlarged to 10 inches in diameter and relocated to the front of the homes, within the Spring Hill Drive right-of-way. The project included the abandonment and grouting of the existing 4-inch force main located at the rear of the homes. Reconstruction of the vehicular access point and access improvement to the Condos Lift Station site were also included. This project was constructed in 2020 and is currently in service.

Section D HERNANDO COUNTY ORK

Client Name, Address,
Telephone, and Email:
Hernando County
Utilities Department

Allen Turner
Project Manager
352.540.6219
cturner@hernandocounty.us
15365 Cortez Boulevard
Brooksville, FL 34601

Time Period of the Project:
7/2017 – 6/2020

Project Budget:

Engineering – Design and
Construction: 74,318

Construction: 1,694,025

☒ On Time

☒ Within Budget

Team Members and Their
Roles:

- Brian Malmberg, PE
Project Manager, Design
- Jerry Wolfe, PE
Design Engineer
- Cliff Manuel, PE
A/C
- Gary Smith, PSM
Surveyor
- Burt Bennett
Project Manager,
Construction

Shoal Line Boulevard/Richard Drive Force Main and Waterline Improvements, Hernando County, FL

Description of Services Provided: Coastal Engineering Associates, Inc. completed all phases of the Shoal Line Boulevard/ Richard Drive Force Main and Waterline improvement project from surveying, to design and permitting through construction administrative services. The water main and force main upgrades were located within the Weeki Wachee Gardens neighborhood, which is situated adjacent to the Weeki Wachee river. The project is complete with the residents connected to the upgraded utility infrastructure.

The purpose of this project was to connect nine existing manhole type single pump lift stations to a new 4-inch force main running throughout the existing neighborhood in order to eliminate the need to repump sewage flows. In addition, the design provided for the abandonment on an existing 6-inch asbestos cement water line and replacement with new connections and water mains of various sizes.

The area is completely surrounded by wetlands and sensitive spring fed canals. Unsuitable soils and high-water tables were prevalent throughout the project route. Coastal worked with Hernando County to utilize directional drilling installation in areas where maximum benefit both in cost savings and minimized disruption to residents could be achieved.

The project is located within an existing residential neighborhood, where a large number of homes had single points of entry. The design minimized impact to these residents and maintained access to the homes at all times during construction. Coordination with the Department of Public Works provided for the complete reconstruction of several roads throughout the project area.

Section D HERNANDO COUNTY ORK

Client Name, Address,
Telephone, and Email:
Hernando County
Utilities Department

Allen Turner
Project Manager
352.540.6219
cturner@hernandocounty.us
15365 Cortez Boulevard
Brooksville, FL 34601

Time Period of the Project:
4/2018 – 12/2020

Project Budget:

Engineering – Design and
Construction: 98,627

Construction:
858,890 - Lift Station
125,600 – Force Main

☒ On Time

☒ Within Budget

Team Members and Their
Roles:

- Brian Malmberg, PE
Project Manager, Design
- Jerry Wolfe, PE
Design Engineer
- Cliff Manuel, PE
A/C
- Gary Smith, PSM
Surveyor
- Burt Bennett
Project Manager,
Construction

Stoney Brook Lift Station and Force Main Rehabilitation Project, Hernando County, FL



Description of Services Provided: Coastal Engineering Associates, Inc. completed all phases of the Stoney Brook Lift Station and Force Main Rehabilitation Project from surveying, to design and permitting through construction administrative services. This project is located on the east side of Hernando County within the Sherman Hills residential subdivision. The project is complete and currently under use by the Utilities Department.

The purpose of this project was the rehabilitation and expansion of the existing Stoney Brook pump station. In order to facilitate the expansion and provide additional flow capacity for the area, a larger force main was designed and re-routed to the County's trunkline infrastructure located within the State Road 50 right-of-way. Installation of approximately 1,700 linear feet of new 8-inch force main and removal/abandonment of 2,200 linear feet of existing 4-inch force main were included within the project parameters. Due to the high-water table and adjacent residential structures, steel sheet piling was designed for slope stability during the installation of the wet well. This project also included working with the County to split the project scope for construction between the lift station and force main in order to expedite progress and reduce overall project cost.

Section D HERNANDO COUNTY ORK

Client Name, Address,
Telephone, and Email:
Hernando County
Utilities Department

Brad Smith
Project Manager
352.754.4858
bsmith@hernandocounty.us
15365 Cortez Boulevard
Brooksville, FL 34601

Time Period of the Project:
2/2021 – Ongoing

Project Budget:

Engineering – Design and
Construction: 133,312

Construction: TBD

☒ On Time

☒ Within Budget

Team Members and Their
Roles:

- Brian Malmberg, PE
Project Manager, Design
- Jerry Wolfe, PE
Design Engineer
- Jered Young, EI
Project Engineer
- Cliff Manuel, PE
A/C
- Gary Smith, PSM
Surveyor
- Burt Bennett
Project Manager,
Construction

The Hut Pumping Station Upgrade Force Main Project, Hernando County, FL

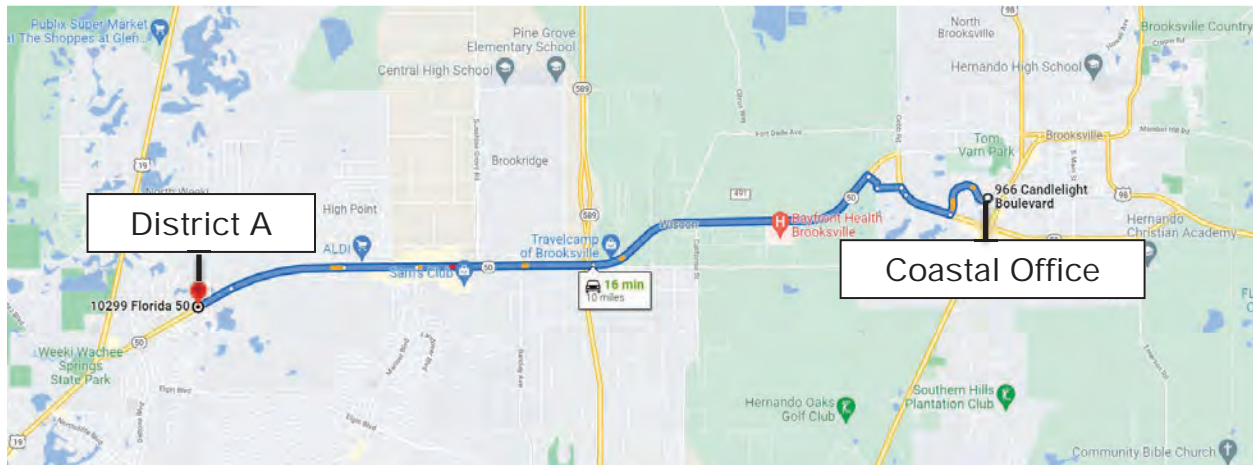


Description of Services Provided: Coastal Engineering Associates, Inc. will be completing all phases of the Hut Pumping Station Upgrade and Force Main project from surveying, to environmental, to design and permitting through construction administrative services. Design for the upgrades is currently underway and expected to be completed in the first quarter of 2022.

The purpose of this project is to alleviate issues within the area posed by the high growth in Spring Hill, more specifically in and around the Spring Hill Boulevard and Anderson Snow/Barclay Avenue intersection. The area is currently served by a regional pump station AP-LS07 also known as The Hut. The pump station receives flow from multiple sources, but the largest contributor is from a 12-inch forcemain connected to the station's 15-inch gravity inflow line. HCUD staff has witnessed surcharging of this gravity system in the past due to high flows and the continued growth in the area necessitates an upgrade to this system.

The project will consist of providing design and permitting of approximately 1,400 linear feet of 12-inch force main on the east side of Barclay Avenue, from the existing force main that currently discharges to a gravity manhole to a connection point along the forcemain downstream of The Hut pump station. Also included is the design and permitting of 4,400 linear feet of 16-inch force main from The Hut to the existing 16-inch force main on Aerial Way. The project also includes updates to The Hut station including control panels, odor control, flow meter, and grinder pumps.

Section E LOCATION



We understand that this project comprises multiple elements that will require the kind of hands-on collaboration with County staff and residents that can only be achieved by a local team who understands the community and its character. We also understand the challenging issues associated with septic to sewer conversions and are committed to providing the timely and thorough service required to meet the needs of Hernando County.

Coastal has provided professional engineering and surveying services to the Hernando County community since 1955 and has been involved with the development of the Hernando County Utilities Department since its inception. Our Brooksville office will be the Office of Record for this contract, located at 966 Candlelight Boulevard, Brooksville, FL 34601. Our Brooksville office serves as our main office and primary hub for our Hernando County engineering expertise and leadership including our Management Team, Brian Malmberg and Cliff Manuel, as well as our surveying crews and other key staff members.

Our key teaming partner, Jones Edmunds, has seven Florida offices throughout the state with over 120 professionals on staff. This strong team of professionals is ready to provide not only the technical expertise necessary with this project, but to assist with the funding aspects and critical public outreach required for project success. Our team also includes GSG as an exclusive partner who brings to the table their experience in developing previous septic to sewer incentive programs. When you add the local knowledge provided by Coastal to the combined resources of Jones Edmunds and our Florida-based teaming partners, we are offering the County an experienced local team that you can now and trust.

Office of Record/Local Office:

Address: 966 Candlelight Boulevard, Brooksville, FL 34601
Phone: 352.796.9423
Email: bmalmberg@coastal-engineering.com
Website: www.coastal-engineering.com

Section F QUALITY /COST CONTROLS

Our organizational management is client-focused to provide responsive service that is tailored to your project. **Hernando County can count on our team to look for ways to meet your goals while maximizing resources, minimizing costs, and providing a high level of service and project delivery from start to finish.** Our A/C process already began when we obtained a clear understanding of the scope of work, the County's expectations for this project, and the required level of effort when we worked with the County to set priorities during the Sewer Master Plan process. A/C will continue to be performed effectively throughout the project. Coastal will manage the project assignments using our Quality Management Plan which addresses the following:

Organization Management

Coastal is a multi-disciplined consulting firm with in-house professionals in the fields of planning and engineering, civil engineering, environmental, and surveying. Management of such an organization requires effective policy making, communication, recurrent training of personnel, and a well-defined quality assurance program to provide the highest level of quality to our clients through an undying commitment to excellence.

Responsibilities of Senior Management

Senior management will oversee the quality assurance and quality control functions for the project team. Specific tasks include the responsibility for reviewing and approving all contract and sub-contract agreements, scopes of work, cost estimates, and conceptual/final designs, plans, and project close-out documentation to ensure accuracy and completeness.

Budget Evaluation and Cost Control

We understand the importance of keeping our projects on budget accordingly, Coastal commits the necessary time to correct errors and remedy construction-initiated requests for clarification as part of our base services. All responses are very timely and provided to make sure the project stays on schedule and budget.

Quality Control

Coastal has established and documented procedures for design quality control. Using various checklists and criteria as set forth in applicable regulatory agencies' requirements, Hernando County's requirements are reviewed and applied to the job as applicable.

Scheduling Design Phase Tasks

In the design phase, Coastal will discuss the design requirements for the project with the team. Coastal will keep track of the project design tasks using established checklists and will coordinate with the County.

Project Close Out

At the completion of the design phase, the pre-final (95% complete) plans and specifications are reviewed by the program manager, lead engineer, and quality assurance manager to validate project constructability and to ensure that all required design codes and standards have been met. At the completion of each construction project, a project close-out meeting is conducted with the design team and resident inspector to identify any design-related construction problems that may have occurred on the project.

Remedies in a Timely Manner

When unexpected problems happen in construction, our team has a history of taking quick, decisive actions to resolve the issue in a timely manner. Most importantly, we never walk away from a problem or a challenge that presents itself. We have a professional and personal obligation to our clients to help resolve problems, regardless of the reason for the issue or the responsible party. The following outlines typical steps we take to help correct a problematic situation:

- Stop the problem from getting bigger The first step toward correcting a problem is to prevent the issue from growing. When necessary, we arrange a brainstorming session of key individuals from across the company to determine what immediate actions can be taken to avoid escalation of the issue. One of these steps happen in the dark – unless you tell us to proceed without you, we will include you in these discussions because your management and operations staff may be able to provide key information on the issue.

Section F QUALITY / COST CONTROLS

- Determine the resolution. Once the initial issue is mitigated, a final resolution can be determined. This may require research, engineering calculations, field inspections, or any number of possible actions. We will provide the support needed to evaluate options and develop a solution quickly. We will then present our findings and proposed solution to you for review and approval. The evaluation and solution will include the actions required and any cost or schedule implications.
- Implement the solution. We will assist you with implementing changes needed to support the project. This may require meetings with contractors, vendors, governmental officials, permitting agencies, or other parties as well as interaction during the implementation process. We regularly take the responsibility for assisting our clients with coordinating the activities needed. Our staff understands the urgency for implementing solutions and working through these steps efficiently is a point of pride for our team.
- Negotiate change orders or assigning responsibility. Our team has a record of treating all parties involved with problems fairly. We review issues objectively and determine where responsibility lies for the corrective actions. We also look at ourselves and what role we play in the issue. When the review is complete, we will work with the client to negotiate change orders or determine what future actions should be taken to resolve the issue in a timely manner.

Complete Projects in a Timely Manner

Coastal understands the importance of meeting project schedules and controlling costs. Our team has been successful in devising approaches for projects with rigorous schedules, and we believe the best way to achieve the required design and construction schedule and quality is by applying proven project planning and management tools summarized below:

- Focusing on you: Our approach starts with focusing on our clients. This has and will continue to involve regularly communicating with you to understand your needs and what is important to you.
- Planning the Project: The Project Plan is the road map for how we will work with the County to deliver the defined project vision. In the design phase, the lead engineer discusses the design requirements for the project with his staff. The lead engineer keeps track of the project design using established checklists and coordinates with the program manager.
- Schedule Control: Coastal will maintain an established production schedule throughout the project. Our Project Management Team will hold regular meetings with you and team members to review the status of the scope of work, deadlines, and budgets.
- Coordination of Consultants: Coastal – with our subconsultant partners Jones Edmunds, GSG, and Tierra – will continue our successful collaboration to deliver this project. The majority of our team has worked together successfully on similar past projects and is ready to meet your goals and success factors for this project.
- Quality: Our QA/QC process mandates that all project deliverables are reviewed by team members with the appropriate technical knowledge and experience. Our process includes an internal independent Professional Engineer review of plans and specifications before each deliverable.
- Communication: Once appropriate staff are assigned, effective communication is the biggest factor for project success. We know that regularly provided tangible assurance of project progress is vital to your team. Communication for this project will not only include meetings at critical points, but also frequent status meetings (at least monthly) and as-needed calls or web meetings with the County to discuss project ideas, concerns, or issues.

Section F QUALITY /COST CONTROLS

Provide Cost-Effective Solutions

We focus on a team-centric approach to provide services to Hernando County. Our goal is not to cut costs – our goal is to control and minimize costs while still maintaining the County's long-term goals. Cost-effective solutions must include the future vision of Hernando County's wastewater system. Some cost-effective solutions that could be implemented include:

- Involve County staff and the design project team in workshops to efficiently obtain comments and input to allow our team to move directly to the next phase of design.
- Coordinate with the other County Departments to ensure any pending stormwater, water, or transportation needs are included in the project. The construction of the gravity system is likely to require full roadway restoration for much of the project area, which creates an opportunity to upgrade additional assets without significant additional costs.
- Use and foster our relationships and open approach to make sure that all stakeholders on the project, including the County, Contractor, Engineer, Regulatory Agencies, and Funding Agencies, are all part of the same team working toward the same goals. This greatly helps to mitigate issues that may arise during the project and helps result in a successful project for all stakeholders.
- Use electronic review and recording of Contractor submittals, facilitating an accelerated review and maintenance of Contractor's Progress Schedule and Submittals for all parties.
- Involve our in-house construction experts in all phases of the design, from brainstorming through constructability reviews and cost estimating. Construction experts review projects differently than design engineers. The constructability reviews greatly help our projects to be successful during construction by reducing change orders.
- Have experienced and knowledgeable Construction Project Coordinators, a position that is overlooked by many firms – however, the timely review and distribution of all construction project coordination are critical for claims avoidance and for project closeout.
- Handle all aspects of the funding agreement requirements – from preparing distribution requests, to keeping the files organized according to the agency's rules, to giving tours of the projects to the regulatory authorities.

Section G QUALIFICATION SUMMARY

For the County's Septic to Sewer Program to be successful, you are going to need a team that can address multiple elements that go beyond just the technical. They include:



Technical Expertise – A team that understands the septic to sewer design and construction process from start to finish including the importance of a good survey and geotechnical information, hydraulic modeling data, and County pump station standards, private lot hook-ups, and firm contractor oversight during construction.



Programmatic Septic to Sewer Management – District A will be converted from septic to sewer in phases over time. You need a team with the resources to have multiple teams working concurrently on different elements of your program in order to maximize grant dollars and meet BMAP criteria.



Funding Support – Funding support goes beyond pursuing and securing a grant. You need a team who understands how to work with the funding agencies from application through construction and grant closeout, ensuring that all project elements comply with grant requirements.



Public Outreach – Septic to sewer transition projects are always controversial. Having a team to communicate with those impacted before, during, and after project development is critical to program success.

Additionally, the County is looking for a team to implement a Programmatic Septic Tank Upgrade Program. Many residents in the PFA will never be candidates for connecting to centralized sewer. At the request of FDEP, implementation of a state-funded program for these residents is a key element of this contract.



So why is the Coastal Team the most qualified firms to support the County with this contract? Coastal Engineering has been a go-to firm for Hernando County since its inception in 1958. We are part of the Hernando County community and understand our community's character and how we want to move forward as a County.

Septic to sewer is a very challenging issue and driven in no small part by the state through the Florida Springs and Aquifer Protection Act. Coastal has organized a team of experts to address the technical, programmatic, funding, and public outreach components of this transition. Coastal will lead this team, providing direction to ensure the County's program and process meet OU community needs. Coastal's in-house survey team gives our team a leg up on controlling the project schedule as survey is a critical path item in the overall project schedule.

Section G QUALIFICATION SUMMARY



Jones Edmunds has been a trusted partner with Coastal on your recent wastewater projects in support of protecting Weeki Wachee Springs including the County's Wastewater Feasibility Study and Master Plan and more recently on the upgrade of the Glen Wastewater Treatment Plant. Coastal and Jones Edmunds staff worked closely with County staff on modeling your wastewater system as an element of your wastewater master plan. Our team is uniquely qualified to ensure wastewater flow from District A will not negatively impact the hydraulic capacity and operation of the system.

Jones Edmunds' strong team of professionals are ready to assist with the funding aspects of the project. They have funding professionals who understand how to work with the various funding agencies and sources. They are experienced in preparing applications and paperwork for numerous programs including the FDEP State revolving Loan Program, SWFWMD Cooperative Funding Initiative Program, Springs Grant Program, Water Quality Grant Program, and others. Additionally, our team members have also been tracking the requirements of the American Rescue Plan Act (ARPA) and will make sure all projects using ARPA dollars meet the encumbered and expended deadlines. We will also provide the project and financial information required for your sub-award reporting as outlined in the Coronavirus State and Local Fiscal Recovery Funds Compliance and Reporting Guidance.

From a public outreach perspective, our team has marketing and public outreach professionals with previous experience not only with septic to sewer programs around the state but specifically in District A. As part of our work on the FDEP-driven Wastewater Feasibility Assessment report, we not only did outreach with community stakeholders but held a public meeting targeted to the residents of District A to explain the state mandate and the County's plan to address the state mandate and what the County was doing to mitigate the impact to residents. While not all residents are excited about the septic to sewer plan, there was a predominance of understanding and acceptance of the plan moving forward. Additionally, representatives from the state were in attendance and pleased with the outreach efforts made by the County.

The County is also seeking support with your septic upgrade program. Jones Edmunds worked with FDEP in the initial set-up of this program as it transitions from the state to the nine counties eligible for funding under this program. Coastal has also added GSG to our team. GSG is currently leading the first program of this kind of the nine eligible counties in Wakulla County. GSG has provided project management and oversight for Wakulla County's septic upgrade incentive program, which included all facets from the development of a project management system to track financial and application status all the way through preparation of close-out documents.



Section H LICENSES



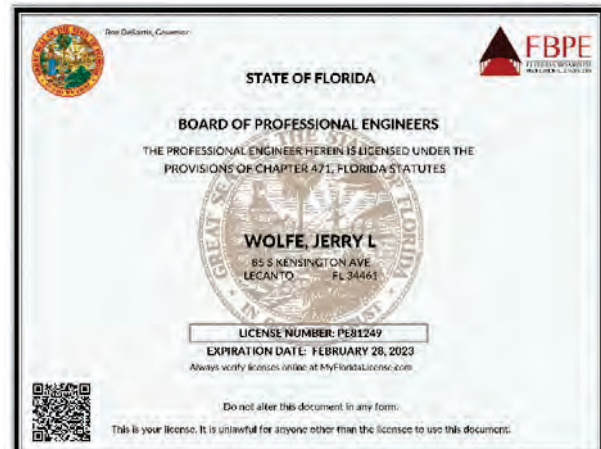
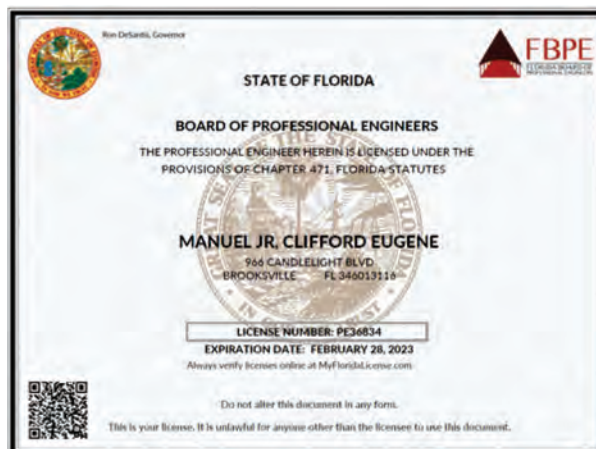
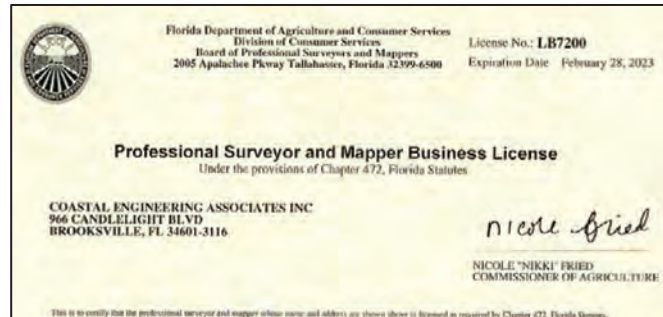
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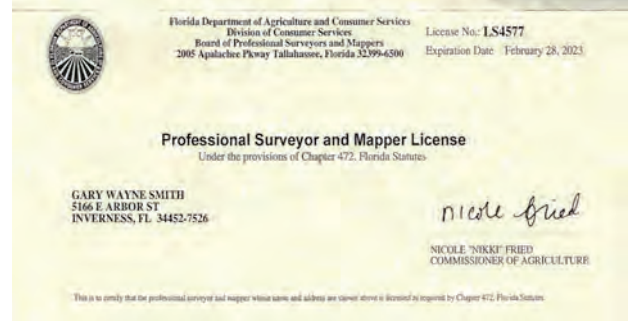
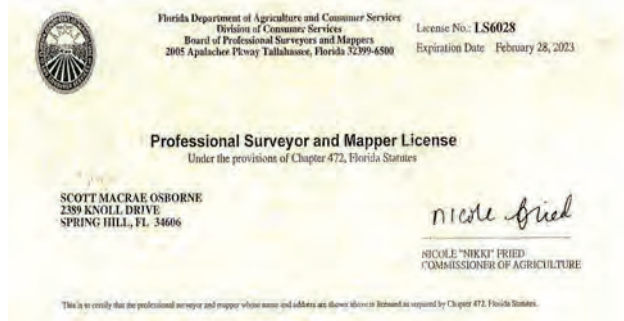
Licensee Details

Licensee Information

<p>Name:</p> <p>Main Address:</p> <p>County:</p> <p>License Mailing:</p> <p>License Location:</p>	<p>COASTAL ENGINEERING ASSOCIATES, INC. (Primary Name)</p> <p>966 CANDELLIGHT BOULEVARD</p> <p>BROOKSVILLE Florida 346013116</p> <p>HERNANDO</p>
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Section H LICENSES



Licensee						
Name:		JONES, EDMUNDS & ASSOC INC		License Number:	1841	
Rank:		Registry		License Expiration Date:		
Primary Status:		Current		Original License Date:	05/10/1977	
Related License Information						
License Number	Status	Related Party	Relationship Type	Relation Effective Date	Rank	Expiration Date
40974	Current, Active	FERREIRA, STANLEY FREDRICK JR	Registry	02/11/2015	Professional Engineer	02/28/2023

DBPR ONLINE SERVICES

Data Contained in Search Results is Current As Of 09/02/2020 11:58 AM.

Search Results:

Please see our glossary of terms for an explanation of the license status shown in these search results.

For additional information, including any complaints or discipline, click on the name.

License Type	Name	Name Type	License Number / Rank	Status/Expires
Geology Business Information	JONES, EDMUNDS & ASSOCIATES, INC.	Primary	Business Info	Current, Active

Main Address: 100 NE WALDO ROAD GAINESVILLE, FL 32641
Mailing Address: 100 NE WALDO ROAD GAINESVILLE, FL 32641

**State of Florida
Department of State**

I certify from the records of this office that JONES, EDMUNDS & ASSOCIATES, INC. is a corporation organized under the laws of the State of Florida, filed on May 14, 1974.

The document number of this corporation is 452905.

I further certify that said corporation has paid all fees due this office through December 31, 2021, that its most recent annual report/uniform business report was filed on February 8, 2021, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

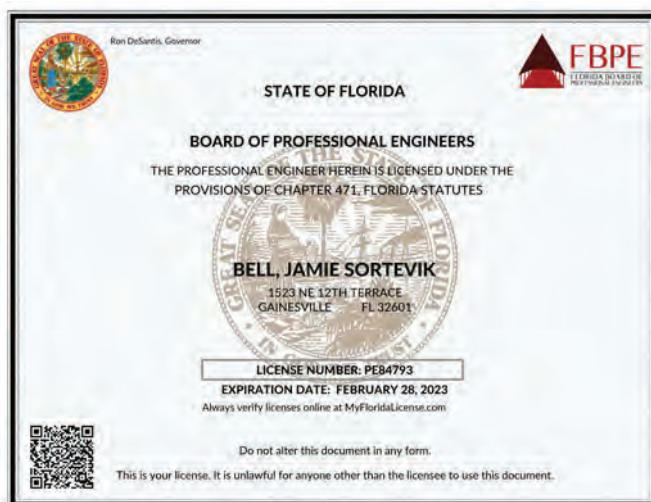
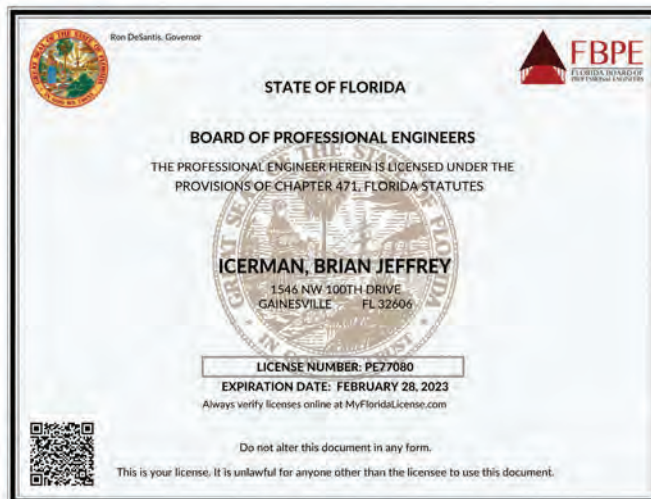
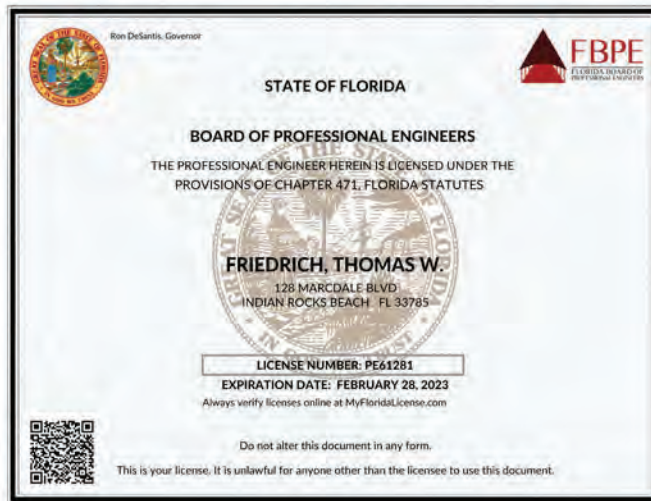
Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Eighth day of February, 2021

Randy R. ...
Secretary of State

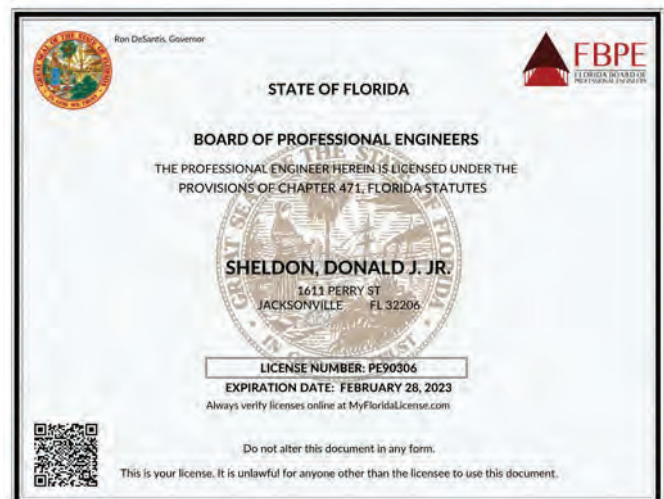
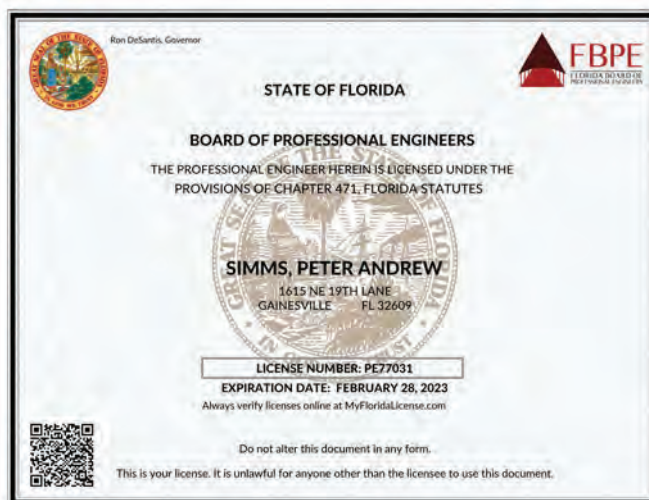
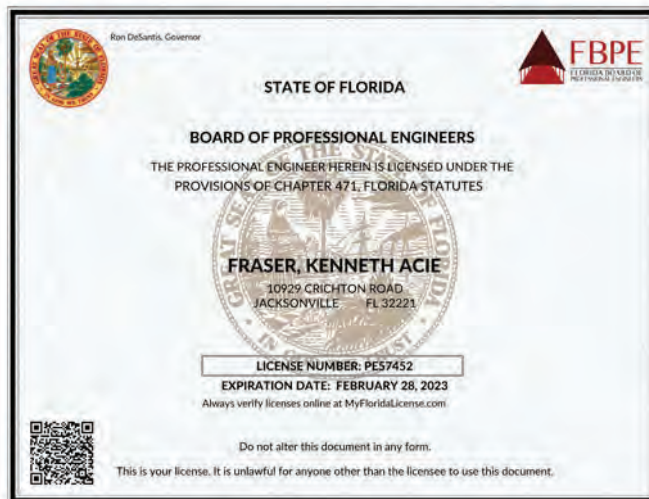
Tracking Number: 062609050000
To authenticate this certificate visit the following secretary of state number, and then follow the instructions displayed:
<https://www.sos.state.fl.us/Certificates/Status/CertificateAuthenticate.aspx>



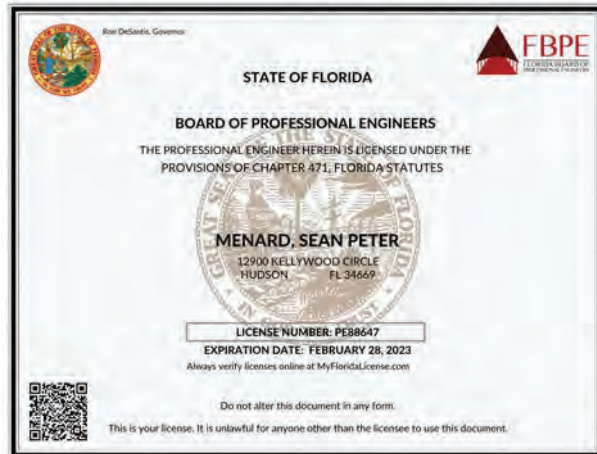
Section H LICENSES



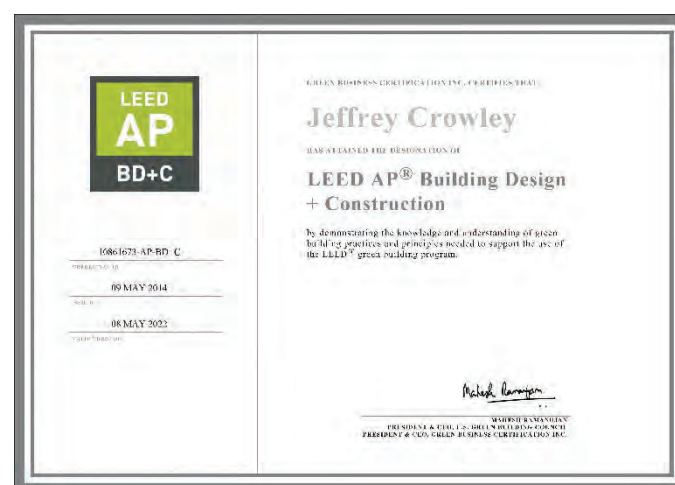
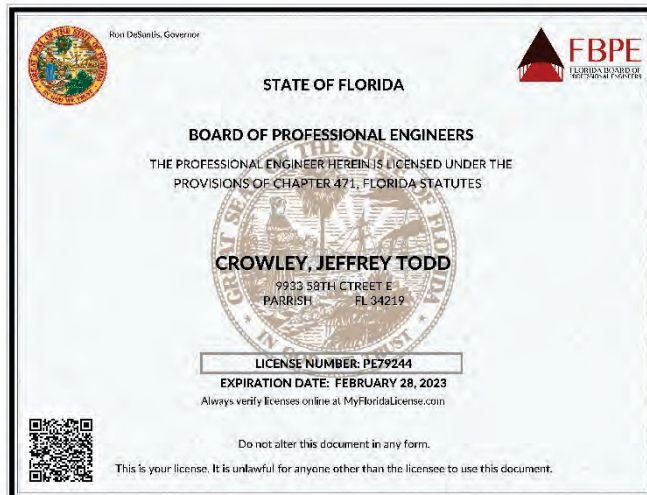
Section H LICENSES




Section H LICENSES




Section H LICENSES



Section H LICENSES


 Ron DeSantis, Governor

 **FBPE**
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

STATE OF FLORIDA


BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES



CLARK, MICHAEL LEE
PO BOX 2642
TITUSVILLE FL 32781

LICENSE NUMBER: PE48898
EXPIRATION DATE: FEBRUARY 28, 2023
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Authorized Gopher Tortoise Agent
FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION
Division of Habitat and Species Conservation
Wildlife Diversity Conservation Section
620 South Meridian Street, Mail Station 2A
Tallahassee, Florida 32399-1600
(850) 921-1031

Permittee Name: Benjamin Bukata
Permittee Address: Jones Edmunds and Associates, Inc.
730 NE Waldo Road
GAINESVILLE, FLORIDA 32641
UNITED STATES

Permit Number: GTA-10-00113E
Effective Date: December 15, 2020
Expiration Date: December 14, 2024

IS AUTHORIZED TO:

1. Conduct gopher tortoise surveys

Permittee Signature:  Date: 12/15/20

Not valid unless signed. By signature, certifies that all information provided to issue the permit is accurate and complete, and indicates acceptance and understanding of the provisions and conditions listed below. **Any false statements or misrepresentations when applying for this permit may result in felony charges and will result in revocation of this permit.**

Authorized By: Eric Seckinger Authorized for: Eric Sutton, Executive Director

Authorizing Signature:  Date: 12/15/2020
Wildlife Diversity Conservation Section

Is Authorized To (Continued)
This permit is in effect an amendment and supersedes all previous versions. All amended conditions and provisions of the previous permit (changed or new items) are indicated in bold text.



Society of Wetland Scientists
Professional Certification Program, Inc.

renews the designation

Professional Wetland Scientist

For

B.J. Bukata

In recognition of all the professional requirements approved by the Society of Wetland Scientists Certification Renewal Program, and verified by the Society's Certification Renewal Review Panel.
Professional Wetland Scientist Number 1985 issued on 1/25/2010 and recertified on 1/20/2020.
Due to recertify again by 1/25/2025.




Matthew Simpson, PWS
President


Pat Frost, PWS
Certification Renewal Chair

Section H LICENSES

**State of Florida
Department of State**

I certify from the records of this office that TIERRA, INC. is a corporation organized under the laws of the State of Florida, filed on November 20, 1992.

The document number of this corporation is P92000006561.

I further certify that said corporation has paid all fees due this office through December 31, 2021, that its most recent annual report/uniform business report was filed on January 4, 2021, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capitol, this the Fourth day of January, 2021


Randy A. Be
Secretary of State

Tracking Number: 09481745793

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed:
<https://services.aunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

**State of Florida
Minority Business Certification**

Tierra, Inc.

Is certified under the provisions of
287 and 295.187, Florida Statutes, for a period from:
08/30/2021 — 08/30/2023


Jonathan R. Satter, Secretary
Florida Department of Management Services



Office of Supplier Diversity
4050 Espingale Way, Suite 382
Tallahassee, FL 32309
850-487-0945
www.dms.myflorida.com/ind


DBPR ONLINE SERVICES

Licensee Details

Licensee Information

Name: TIERRA, INC. (Primary Name)
Main Address: 2251 TEMPLE TERRACE HWY
TAMPA, Florida 33617
County: HILLSBOROUGH
License Mailing:
License Location:

License Information

License Type: Registry
Rank: Registry
License Number: 6456
Status: Current
License Date: 02/17/1993


Ben DeSantis, Governor

STATE OF FLORIDA



BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES


NOVAK, MARC EDMOND
22601 CUFFSIDE WAY
LAND O' LAKES, FL 34639

LICENSE NUMBER: PE67431
EXPIRATION DATE: FEBRUARY 28, 2023
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Ben DeSantis, Governor

STATE OF FLORIDA



BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES


FREDERICK, ERICK MATTHEW
1346 DRAGON HEAD DRIVE
VALRICO, FL 33594

LICENSE NUMBER: PE69920
EXPIRATION DATE: FEBRUARY 28, 2023
Always verify licenses online at MyFloridaLicense.com

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Looking westbound on Freeport Drive
at the intersection with Sunday Road

TAB 4

REQUIRED FORMS AS IDENTIFIED IN
SECTION IV (REQUIRED FORMS) AND
SECTION V (EXHIBITS)

SECTION IV REQUIRED FORMS

ATTACHMENT 1

STATEMENT OF NO PROPOSAL

If you do not intend to submit a Proposal, please return this form immediately to:

**Hernando County
Purchasing and Contracts Department
15470 Flight Path Drive
Brooksville, FL 34604**

We, the undersigned, have declined to submit a Proposal on: RFQ No. 21-RG0045/PH – ENGINEERING SERVICES FOR SEPTIC TO SEWER, DISTRICT A AND SEPTIC UPGRADE INCENTIVE PROGRAM.

Reason:

- ☐ Specifications too tight, geared toward one brand or manufacturer (explain below)
- ☐ Insufficient time to respond.
- ☐ Specifications unclear (explain below)
- ☐ We do not offer this product/services.
- ☐ Our present schedule does not permit us to perform.
- ☐ Unable to meet specifications or provide services.

Remarks:

We understand that if this Statement of No Proposal is not executed and returned, our name may be deleted from the list of qualified Proposers.

COMPANY NAME: _____

ADDRESS: _____

PHONE: _____

SIGNATURE: _____

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SECTION IV REQUIRED FORMS

ATTACHMENT 2

PROPOSER'S CERTIFICATION

I have carefully examined the Request for Qualifications (RFQ), Instructions to Proposers, General and/or Special Conditions, Specifications, RFQ Proposal and any other documents accompanying or made a part of this invitation.

I hereby propose to furnish the goods or services specified in the Request for Qualifications at the prices or rates quoted in my Proposal. I agree that my RFQ will remain firm for a period of up to one hundred and eighty (180) days in order to allow the County adequate time to evaluate the Proposals. Furthermore, I agree to abide by all conditions of the Proposal.

I certify that all information contained in this RFQ is truthful to the best of my knowledge and belief. I further certify that I am a duly authorized to submit this RFQ on behalf of the Consultant/Firm as its act and deed and that the Consultant/Firm is ready, willing and able to perform if awarded the Contract.

I further certify that this RFQ is made without prior understanding, agreement, connection, discussion, or collusion with any person, firm or corporation submitting a RFQ for the same product or service; no officer, employee or agent of the Hernando County BCC or of any other Proposer interested in said RFQ; and that the undersigned executed this Proposer's Certification with full knowledge and understanding of the matters therein contained and was duly authorized to do so.

I further certify that having read and examined the specifications and documents for the designated services and understanding the general conditions for Contract under which services will be performed, does hereby propose to furnish all labor, equipment, and material to provide the services set forth in the RFQ.

I hereby declare that the following listing states any clarifications, any and all variations from and exceptions to the requirements of the specifications and documents. The undersigned further declares that the "work" will be performed in strict accordance with such requirements and understands that any exceptions to the requirements of the specifications and documents may render the Proposer's Proposal non-responsive.

NO EXCEPTIONS ALLOWED AFTER THE RFQ IS SUBMITTED:

Please check one:

- ☒ I take NO exceptions.
☐ Exceptions:

(If more space is needed, please indicate exceptions here and attach additional pages as needed)

Name & Title Signature Date

Cliff Manuel Jr. PE

10/13/21

This document must be completed and returned with your Submittal

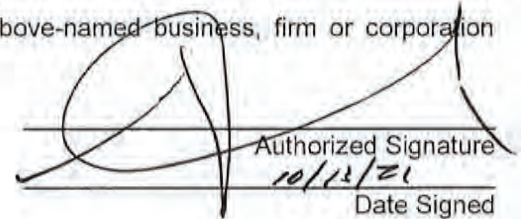
SECTION IV REQUIRED FORMS

ATTACHMENT 3

DRUG FREE WORKPLACE CERTIFICATE

I, the undersigned, in accordance with Florida Statute 287.087 (Current Edition), hereby certify that,
(print or type name of firm) Coastal Engineering Associates, Inc.

- Publishes a written statement notifying that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in the Workplace named above, and specifying actions that will be taken against violations of such prohibition.
- Informs employees about the dangers of drug abuse in the workplace, the firm's policy of maintaining a drug free working environment, and available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug use violations.
- Gives each employee engaged in providing commodities or Contractual services that are under Proposal a copy of the statement specified above.
- Notifies the employees that as a condition of working on the commodities or Contractual services that are under Proposal or Proposal, the employee will abide by the terms of the statement and will notify the employer of any conviction of, pleas of guilty or nolo contendere to, any violation of Chapter 893, or of any controlled substance law of the State of Florida or the United States, for a violation occurring in the workplace, no later than five (5) days after such conviction, and requires employees to sign copies of such written statement to acknowledge their receipt.
- Imposes a sanction on, or requires the satisfactory participation in, a drug abuse assistance or rehabilitation program, if such is available in the employee's community, by any employee who is so convicted.
- Makes a good faith effort to continue to maintain a drug free workplace through the implementation of the Drug Free Workplace program.
- "As a person authorized to sign this statement, I certify that the above-named business, firm or corporation complies fully with the requirements set forth herein".

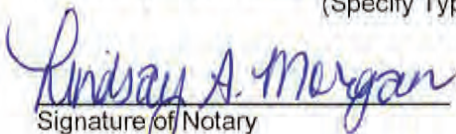

Authorized Signature
10/12/21
Date Signed

State of: Florida

County of: Hernando

Sworn to and subscribed before me this 13th day of October, 20 21

Personally known ☒ or Produced Identification _____
(Specify Type of Identification)


Signature of Notary

My Commission Expires: 11-16-2024



LINDSAY ANN MORGAN
Commission # HH 022194
Expires November 16, 2024
Bonded Thru Budget Notary Services

This document must be completed and returned with your Submittal

SECTION IV REQUIRED FORMS

ATTACHMENT 4

AFFIDAVIT OF NON-COLLUSION AND OF NON-INTEREST OF HERNANDO COUNTY EMPLOYEES

Cliff Manuel, Jr., PE, * being first duly sworn, deposes and says that he (it) is the Offeror in the above Proposal, that the only person or persons interested in said Proposal are named therein; that no officer, employee or agent of the Hernando County Board of County Commissioners (BOCC) or of any other Offeror is interested in said Proposal; and that affiant makes the above Proposal with no past or present collusion with any other person, firm or corporation.

[Signature] 10/13/21
Affiant

STATE OF
COUNTY OF

The foregoing instrument was acknowledged before me this 13th day of October, 2021
by Cliff Manuel, Jr., PE, who is personally known to me or who has produced N/A as
identification and who did take an oath.

Lindsay A. Morgan
Notary Public
My Commission Expires: 11-16-24



LINDSAY ANN MORGAN
Commission # HH 022194
Expires November 16, 2024
Bonded Thru Budget Notary Services

*NOTICE: State name of Proposer followed by name of authorized individual (and title) that is signing as Affiant. If Proposer is an individual, state name of Proposer only.

This document must be completed and returned with your Submittal

SECTION IV REQUIRED FORMS

ATTACHMENT 5

**SWORN STATEMENT PURSUANT TO SECTION 287.133 (3) (a), (CURRENT EDITION) FLORIDA
STATUTES, IN PUBLIC ENTITY CRIMES**

1. This sworn statement is submitted to

County of Hernando

by

Cliff Manuel, Jr., PE

[print individual's name and title]

for

Coastal Engineering Associates, Inc.

[print name of entity submitting sworn statement]

whose business address is 916 Candlelight Blvd. Brooksville, FL 34601

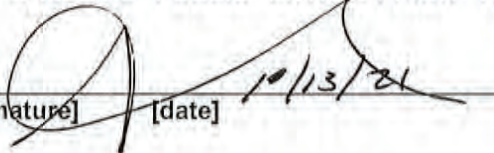
(if applicable) its Federal Employer Identification Number (FEIN) is 59-0827193

(If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement):

2. I understand that a "public entity crime" as defined in Paragraph 287.133 (1)(g) (Current Edition), Florida Statutes, means a violation of any public entity or with an agency or political subdivision of any other State or of the United States, including, but not limited to, any Proposal or Contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.
3. I understand that "convicted" or "conviction" as defined in Paragraph 287.133 (1)(b) (Current Edition), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.
4. I understand that an "affiliate" as defined in Paragraph 287.133 (1)(a) (Current Edition), Florida Statutes, means:
- a. A predecessor or successor of a person convicted of a public entity crime; or
 - b. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding thirty-six (36) months shall be considered an affiliate.
5. I understand that a "person" as defined in Paragraph 287.133(1)(e) (Current Edition), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding Contract and which Proposals or applies to Proposal on Contracts for the provisions of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.
6. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement: [indicate which statement applies]
- ☒ Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.
- ☐ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.
- ☐ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of

the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida, Division of Administrative Hearings and the Final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted Consultant/Firm list [attach a copy of the final order].

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THROUGH DECEMBER 31, OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT.


[signature] [date] 10/13/21

STATE OF FLORIDA
COUNTY OF Hernando

PERSONALLY APPEARED BEFORE ME, the undersigned authority

Cliff Manuel Jr. PE who, after first being sworn by me, affixed his signature in the space
[Name of Individual Signing]
provided above on this 13th day of October 2021



NOTARY PUBLIC

My commission expires: 11-16-24



LINDSAY ANN MORGAN
Commission # HH 022194
Expires November 16, 2024
Bonded Thru Budget Notary Services

This document must be completed and returned with your Submittal

SECTION IV REQUIRED FORMS

ATTACHMENT 6

CONSULTANT/FIRM INFORMATION

In addition to General conditions, your PROPOSAL may be disqualified if the following Consultant/Firm information is not returned with your PROPOSAL.

Firm Name: Coastal Engineering Associates, Inc.

Mailing Address: 966 Candlelight Blvd.
Brooksville, FL 34601

Telephone No. 352-796-9423 Fax No. 352-799-8359

Email Address: cliff@coastal-engineering.com Web Address: www.coastal-engineering.com

Consultant/Firm is:

- (☒) Corporation
() Partnership
() Sole Proprietorship
() Other _____ (Explain)

Federal Employer Identification
Number or Social Security Number: 59-0827103

Do you collect Florida State Sales Tax? () Yes (☒) No

AUTHORIZED SIGNATURES/NEGOTIATORS

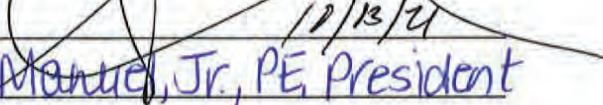
The Consultant/Firm represents that the following persons are authorized to sign and/or negotiate Contracts and related documents to which the Proposer will be duly bound:

Name	<u>Cliff Manuel, Jr., PE</u>	Title	<u>President</u>	Phone No.	<u>352-279-8996</u>
Name	<u>Brian Malmberg, PE</u>	Title	<u>Dr. of Engineering</u>	Phone No.	<u>352-848-3670</u>
Name	_____	Title	_____	Phone No.	_____

Commodity or Service Supply: Civil Engineering Consultant

If Consultant/Firm is quoting, as a manufacturer's representative and the purchase order should be addressed to the manufacturer in care of the Consultant/Firm, so indicate.

If remittance address is different from the mailing address so indicate below.

Submitted by (SIGNATURE):  12/13/21
Name & Title Printed: Cliff Manuel, Jr., PE, President

This document must be completed and returned with your Submittal

SECTION IV REQUIRED FORMS

ATTACHMENT 7

HERNANDO COUNTY E-VERIFY CERTIFICATION

RFQ/Contract No: 21-RG0045/PH

Financial Project No(s): 21-RG0045/PH

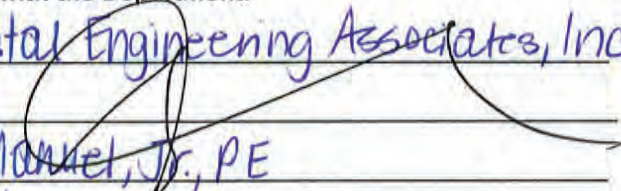
Project Description: Engineering Services for Septic to Sewer,
District A and Septic Upgrade Incentive Program

Consultant/Firm acknowledges and agrees to the following:

Consultant/Firm shall utilize the U.S. Department of Homeland Security's E-Verify system, in accordance with the terms governing use of the system, to confirm the employment eligibility of:

1. All persons employed by the Consultant/Firm during the term of the Contract to perform employment duties within Florida; and
2. All persons, including Sub-Contractors, assigned by the Consultant/Firm to perform work pursuant to the Contract with the Department.

Company/Firm: Coastal Engineering Associates, Inc.

Authorized Signature: 

Print Name: Cliff Manuel, Jr., PE

Title: President

Date: 10/13/21

This document must be completed and returned with your Submittal

SECTION IV REQUIRED FORMS

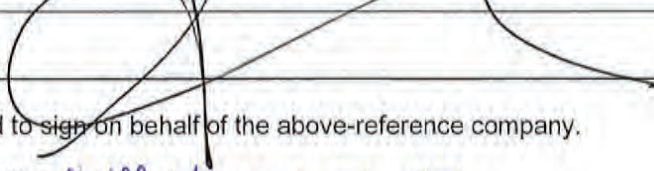
ATTACHMENT 8

VENDOR CERTIFICATION REGARDING
SCRUTINIZED COMPANIES LISTS

Respondent Vendor Name:	<u>Coastal Engineering Associates, Inc.</u>		
Proposer/Contractor FEIN:	<u>59-0827103</u>		
Proposer/Contractor's Authorized Representative Name and Title:	<u>Cliff Manuel, Jr., PE, President</u>		
Address:	<u>966 Candlelight Blvd.</u>		
City:	<u>brooksville</u>	State:	<u>FL</u>
		Zip:	<u>34601</u>
Phone Number:	<u>352-796-9423</u>		
Email Address:	<u>cliff@coastal-engineering.com</u>		

Section 287.135 (Current Edition), Florida Statutes, prohibits agencies from contracting with companies for goods or services of \$1,000,000.00 or more, that are on either the Scrutinized Companies with Activities in Sudan list, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector lists which are created pursuant to s. 215.473 F.S. (Current Edition), or the Scrutinized Companies that Boycott Israel list, created pursuant to s. 215.4725 F.S. (Current Edition), or companies that are engaged in a boycott of Israel or companies engaged in business operations in Cuba or Syria.

As the person authorized to sign on behalf of Respondent, I hereby certify that the company identified above in the section entitled "Respondent Vendor Name" is not listed on either the Scrutinized Companies with Activities in Sudan list or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector list, or the Scrutinized Companies that Boycott Israel list. I further certify that the company is not engaged in a boycott of Israel. I understand that pursuant to section 287.135 (Current Edition), Florida Statutes, the submission of a false certification may subject company to civil penalties, attorney's fees, and/or costs and does not have business operations in Cuba or Syria.

Certified by:	
who is authorized to sign on behalf of the above-reference company.	
Print Name and Title:	<u>Cliff Manuel, Jr., PE</u>
Date:	<u>12/13/21</u>

SECTION IV REQUIRED FORMS

ATTACHMENT 9

VENDOR REGISTRATION

HERNANDO COUNTY, FL

To be completed by vendor:

Vendor type:

- (☒) Corporation
(☐) Partnership
(☐) Sole Proprietorship
(☐) Other _____ (Explain)

Federal Employer Identification

Number or Social Security Number: 59-0827183

Please attach your completed W-9 Form

PAYMENT WILL NOT BE MADE UNTIL A COMPLETED W9 HAS BEEN RECEIVED.

Firm Name: Coastal Engineering Associates, Inc.

Mailing Address: 946 Candelight Blvd.

City Brooksville State FL Zip 34601

Telephone No. 352-796-9423 Fax No. 352-799-8359

Web Address: www.coastal-engineering.com EMail: cliff@coastal-engineering.com

Commodity or Service Supply: Civil Engineering Consultant

If remittance address is different from the mailing address so indicate below.

Firm Name: _____

Mailing Address: _____

City _____ State _____ Zip _____

An ACH electronic payment method is offered as an alternative to a payment by physical check.

- (☐) Please check this box if you accept the ACH electronic payment method.
(Recommended and Preferred)

Signature: _____

Name & Title Printed: Cliff Manuel, Jr., PE, President

Request for Taxpayer Identification Number and Certification

Give Form to the
requester. Do not
send to the IRS.

► Go to www.irs.gov/FormW9 for instructions and the latest information.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. COASTAL ENGINEERING ASSOCIATES, INC.	
2 Business name/disregarded entity name, if different from above	
3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes. <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input checked="" type="checkbox"/> C Corporation <input checked="" type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ► <small>Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.</small> <input type="checkbox"/> Other (see instructions) ►	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) <u>N/A</u> Exemption from FATCA reporting code (if any) <u>N/A</u> <small>(Applies to accounts maintained outside the U.S.)</small>
5 Address (number, street, and apt. or suite no.) See instructions. 966 CANDLELIGHT BOULEVARD	Requester's name and address (optional)
6 City, state, and ZIP code BROOKSVILLE, FL 34601	
7 List account number(s) here (optional)	

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number									
			-				-		
or									
Employer identification number									
5	9	-	0	8	2	7	1	8	3

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here	Signature of U.S. person ► <i>Elena Sutton</i>	Date ► <i>1/12/2021</i>
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General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
 - Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
 - Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
 - Form 1099-S (proceeds from real estate transactions)
 - Form 1099-K (merchant card and third party network transactions)
 - Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
 - Form 1099-C (canceled debt)
 - Form 1099-A (acquisition or abandonment of secured property)
- Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.

SECTION IV REQUIRED FORMS

ATTACHMENT 10

ADDENDUM ACKNOWLEDGEMENT

The undersigned acknowledges receipt of the following addenda to the Request for Qualifications (indicate number and date of each):

Addendum No. 1 Dated 09/09/2021
Addendum No. 2 Dated 09/27/2021
Addendum No. 3 Dated 09/28/2021
Addendum No. 4 Dated 10/05/2021

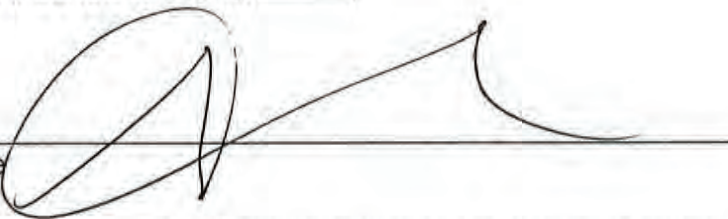
FAILURE TO SUBMIT ACKNOWLEDGEMENT OF ANY ADDENDUM THAT AFFECTS THE PRICING AND OR SCOPE IS CONSIDERED A MAJOR IRREGULARITY AND MAY BE CAUSE FOR REJECTION OF ANY PROPOSAL.

VENDOR SURVEY

Please provide information on where you received the knowledge of the Bid/Request for Proposals (mark all that apply):

- ☒ BIDNET DIRECT
☐ NEWSPAPER
☐ PURCHASING AND CONTRACTS ADVERTISEMENT BOARD
☐ REFERRED BY: _____
☐ OTHER (PLEASE SPECIFY): _____

Signature



Date

10/13/21

This document must be completed and returned with your Submittal

ADDENDUM NO. TWO (2)

TO
THE CONTRACT DOCUMENTS FOR

**ENGINEERING SERVICES FOR SEPTIC TO SEWER, DISTRICT A AND SEPTIC UPGRADE
INCENTIVE PROGRAM**

IN
HERNANDO COUNTY, FLORIDA

SOLICITATION NO. 21-RG0045/PH

PROPOSAL DUE DATE: OCTOBER 20, 2021

NOTICE

PROPOSERS ARE REQUIRED TO ACKNOWLEDGE RECEIPT OF
THIS ADDENDUM BY SIGNATURE AT THE BOTTOM OF
THIS ADDENDUM IN THE SPACE PROVIDED AND
RETURNED AT THE TIME OF THE PROPOSAL DUE DATE.

TO ALL PLANHOLDERS:

The following changes, additions and/or deletions are hereby made a part of the Contract Documents for **ENGINEERING SERVICES FOR SEPTIC TO SEWER, DISTRICT A AND SEPTIC UPGRADE INCENTIVE PROGRAM** located in Hernando County, as fully and completely as if the same were fully set forth therein:

A. ADDITION OF SECTION VI. SUPPLEMENTARY CONDITIONS FOR FEDERAL REQUIREMENTS:

Please see attached Section VI – SUPPLEMENTARY CONDITIONS FOR FEDERAL REQUIREMENTS. These Federal Clauses are incorporated into the solicitation and final contract. Please review, complete and sign Section VI and include with your bid submission.

B. ADDITION OF SECTION VI. ATTACHMENT 15 - CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

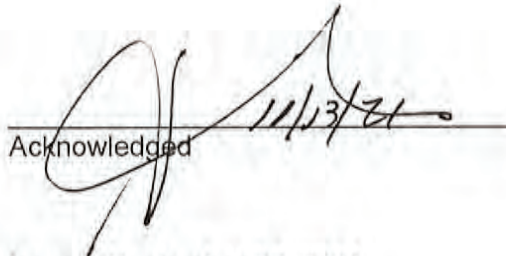
Please see attached Section VI – Attachment 15 – Contract Work Hours and Safety Standards Act. Please review, complete and sign Attachment 15 and include with your bid submission.

C. ADDITION OF SECTION VI. ATTACHMENT 16 – DISADVANTAGED BUSINESS ENTERPRISE (DBE) AFFIRMATION STATEMENT

Please see attached Section VI – Attachment 16 – Disadvantaged Business Enterprise (DBE) Affirmation Statement. Please review, complete and sign Attachment 16 and include with your bid submission.

D. ADDITION OF SECTION VI. ATTACHMENT 17 – REPRESENTATION REGARDING FELONY CONVICTIONS OR TAX DELINQUENT STATUS

Please see attached Section VI – Attachment 17 – Representation Regarding Felony Convictions or Tax Delinquent Status. Please review, complete and sign Attachment 17 and include with your bid submission.


Acknowledged

Issued: September 27, 2021

BOARD OF COUNTY COMMISSIONERS
HERNANDO COUNTY


for Patty Hall, CPPB
Purchasing Coordinator

SECTION VI **SUPPLEMENTARY CONDITIONS FOR FEDERAL REQUIREMENTS**

1. REMEDIES (supersedes page 27 paragraph 8. REMEDIES of Original Bid Solicitation)

- 1.1.** Contracts for more than the simplified acquisition threshold (\$150,000)
 - 1.1.1.** Any violation or breach of terms of this contract on the part of the Contractor or its subcontractors may result in the suspension or termination of this contract or such other action that may be necessary to enforce the rights of the parties of this agreement.
 - 1.1.2.** Hernando County will provide Contractor written notice that describes the nature of the breach and corrective actions the Contractor must undertake to avoid termination of the contract. Hernando County reserves the right to withhold payments to Contractor until such time the Contractor corrects the breach or Hernando County elects to terminate the contract. Hernando County's notice will identify a specific date by which the Contractor must correct the breach. Hernando County may proceed with termination of the contract if the Contractor fails to correct the breach by the deadline indicated in Hernando County's notice.
 - 1.1.3.** The duties and obligations imposed by the Contract Documents and the rights and remedies available thereunder are in addition to, and not a limitation of, any duties, obligations, rights, and remedies otherwise imposed or available by law.

2. TERMINATION FOR CAUSE AND CONVENIENCE 2CFR § 200.339, 2CFR part 200, Appendix II(B) For all contracts in excess of \$10,000, the Termination clause extends to all third-party contractors and their contracts at every tier and subrecipients and their subcontracts at every tier. (Supersedes page 24 paragraph 2. TERMINATION of Original Bid Solicitation)

2.1. Termination for Convenience (General Provision)

Hernando County may terminate this contract, in whole or in part, at any time by written notice to the Contractor when it is in Hernando County's best interest. The Contractor shall be paid its costs, including contract close-out costs, and profit on work performed up to the time of termination. The Contractor shall promptly submit its termination claim to Hernando County to be paid the Contractor. If the Contractor has any property in its possession belonging to Hernando County, the Contractor will account for the same, and dispose of it in the manner Hernando County directs.

2.2. Opportunity to Cure (General Provision)

- 2.2.1.** Hernando County, in its sole discretion may, in the case of a termination for breach or default, allow the Contractor (10 days) in which to cure the defect. In such case, the Notice of Termination will state the time period in which cure is permitted and other appropriate conditions
- 2.2.2.** If Contractor fails to remedy to Hernando County's satisfaction the breach or default of any of the terms, covenants, or conditions of this Contract within (10 days) after receipt by Contractor of written notice from Hernando County setting forth the nature of said breach or default, Hernando County shall have the right to terminate the contract without any further obligation to Contractor. Any such termination for default shall not in any way operate to preclude Hernando County from also pursuing all available remedies against Contractor and its sureties for said breach or default.

2.3. Waiver of Remedies for any Breach

In the event that Hernando County elects to waive its remedies for any breach by Contractor of any covenant, term or condition of this contract, such waiver by Hernando County shall not limit Hernando County's remedies for any succeeding breach of that or of any other covenant, term, or condition of this contract.

3. EQUAL EMPLOYMENT OPPORTUNITY 41 CFR Part 60-1.4(b)

3.1. During the performance of this contract, the contractor agrees as follows:

- 3.1.1.** The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, or national origin. Such action shall include, but not be limited to the following: Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.
- 3.1.2.** The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive considerations for employment without regard to race, color, religion, sex, or national origin.
- 3.1.3.** The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the contractor's commitments under this section and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- 3.1.4.** The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
- 3.1.5.** The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
- 3.1.6.** In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be canceled, terminated, or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions as may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
- 3.1.7.** The contractor will include the portion of the sentence immediately preceding paragraph (3.1) and the provisions of paragraphs (3.1.1) through (3.1.8) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance:

- 3.1.8. Provided, however, that in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the administering agency the contractor may request the United States to enter into such litigation to protect the interests of the United States.

4. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

- 4.1. Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.
- 4.2. Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (4.1) of this section the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (4.1) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (4.1) of this section.
- 4.3. Withholding for unpaid wages and liquidated damages. Hernando County shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (4.2) of this section.
- 4.4. Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (4.1) through (4.4) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (4.1) through (4.4) of this section.

5. RIGHTS TO INVENTIONS MADE UNDER A CONTRACT OR AGREEMENT

- 5.1. Stafford Act Disaster Grants If the award meets the definition of "funding agreement" under 37 C.F.R. § 401.2(a) and the non-Federal entity wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that "funding agreement," the non-Federal entity must comply with the requirements of 37 C.F.R. Part 401 (Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements).
- 5.2. The regulation at 37 C.F.R. § 401.2(a) currently defines "funding agreement" as any contract, grant, or cooperative agreement entered into between any Federal agency, other than the Tennessee Valley Authority, and any contractor for the performance of experimental, developmental, or research work funded in whole or in part by the Federal government. This term also includes any assignment, substitution of parties, or subcontract of any type entered into for the performance of experimental, developmental, or research work under a funding agreement as defined in the first sentence of this paragraph.

6. CLEAN AIR ACT AND THE FEDERAL WATER POLLUTION CONTROL ACT

6.1. Clean Air Act

- 6.1.1.** The contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq.
- 6.1.2.** The contractor agrees to report each violation to Hernando County and understands and agrees that Hernando County will, in turn, report each violation as required to assure notification to the U.S. Department of the Treasury, and the appropriate Environmental Protection Agency Regional Office.
- 6.1.3.** The contractor agrees to include these requirements in each subcontract exceeding \$150,000 financed in whole or in part with Federal assistance provided by the U.S. Department of the Treasury.

6.2. Federal Water Pollution Control Act

- 6.2.1.** The contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq.
- 6.2.2.** The contractor agrees to report each violation to Hernando County and understands and agrees that Hernando County will, in turn, report each violation as required to assure notification to the U.S. Department of the Treasury, and the appropriate Environmental Protection Agency Regional Office.
- 6.2.3.** The contractor agrees to include these requirements in each subcontract exceeding \$150,000 financed in whole or in part with Federal assistance provided by the U.S. Department of the Treasury.

7. DEBARMENT AND SUSPENSION

- 7.1.** This contract is a covered transaction for purposes of 2 C.F.R. pt. 180 and 2 C.F.R. pt. 3000. As such the contractor is required to verify that none of the contractor, its principals (defined at 2 C.F.R. § 180.995), or its affiliates (defined at 2 C.F.R. § 180.905) are excluded (defined at 2 C.F.R. § 180.940) or disqualified (defined at 2 C.F.R. § 180.935).
- 7.2.** The contractor must comply with 2 C.F.R. pt. 180, subpart C and 2C.F.R. pt. 3000, subpart C and must include a requirement to comply with these regulations in any lower tier covered transaction it enters into.
- 7.3.** This certification is a material representation of fact relied upon by Hernando County. If it is later determined that the contractor did not comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, in addition to remedies available to Hernando County, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment.
- 7.4.** The bidder or proposer agrees to comply with the requirements of 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C while this offer is valid and throughout the period of any contract that may arise from this offer. The bidder or proposer further agrees to include a provision requiring such compliance in its lower tier covered transactions.

8. BYRD ANTI-LOBBYING AMENDMENT 31 U.S.C. § 1352 (as amended) (supersedes page 28, paragraph #12 LOBBYING AND INTEGRITY of Original Bid Solicitation)

Contractors who apply or bid for an award of \$100,000 or more shall file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant, or any other award covered by 31 U.S.C. § 1352. Each tier shall also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient

9. PROCUREMENT OF RECOVERED MATERIALS

9.1. In the performance of this contract, the Contractor shall make maximum use of products containing recovered materials that are EPA- designated items unless the product cannot be acquired—

9.1.1. Competitively within a timeframe providing for compliance with the contract performance schedule;

9.1.2. Meeting contract performance requirements; or

9.1.3. At a reasonable price.

9.1.4. Information about this requirement, along with the list of EPA- designate items, is available at EPA's Comprehensive Procurement Guidelines web site, <https://www.epa.gov/smm/comprehensive-procurement-guideline-cpd-program>.

10. ACCESS TO RECORDS

10.1. The contractor agrees to provide Hernando County, the U.S. Department of the Treasury, the Comptroller General of the United States, or any of their authorized representatives access to any books, documents, papers, and records of the Contractor which are directly pertinent to this contract for the purposes of making audits, examinations, excerpts, and transcriptions.

10.2. The Contractor agrees to permit any of the foregoing parties to reproduce by any means whatsoever or to copy excerpts and transcriptions as reasonably needed.

10.3. The contractor agrees to provide the U.S. Department of the Treasury or his authorized representatives access to construction or other work sites pertaining to the work being completed under the contract.

11. NO OBLIGATION BY FEDERAL GOVERNMENT

The Federal Government is not a party to this contract and is not subject to any obligations or liabilities to the non-Federal entity, contractor, or any other party pertaining to any matter resulting from the contract.

12. PROGRAM FRAUD AND FALSE OR FRAUDULENT STATEMENTS OR RELATED ACTS 49 U.S.C. § 5323(l) (1), 31 U.S.C. §§ 3801-3812, 18 U.S.C. § 1001, 49 C.F.R. part 31

12.1. The Program Fraud clause extends to all third-party contractors and their contracts at every tier and subrecipients and their subcontracts at every tier.

12.2. The Contractor acknowledges that the provisions of the Program Fraud Civil Remedies Act of 1986, as amended, 31 U.S.C. § 3801 *et seq.* and U.S. DOT regulations, "Program Fraud Civil Remedies," 49 C.F.R. part 31, apply to its actions pertaining to this Project. Upon execution of the underlying contract, the Contractor certifies or affirms the truthfulness and accuracy of any statement it has made, it makes, it may make, or causes to be made, pertaining to the underlying contract or the Department of Treasury assisted project for which this contract work is being performed. In addition to other penalties that may be applicable, the Contractor further acknowledges that if it makes, or causes to be made, a false, fictitious, or fraudulent claim, statement, submission, or certification, the Federal Government reserves the right to impose the penalties of the Program Fraud Civil Remedies Act of 1986 on the Contractor to the extent the Federal Government deems appropriate.

- 12.3. The Contractor also acknowledges that if it makes, or causes to be made, a false, fictitious, or fraudulent claim, statement, submission, or certification to the Federal Government under a contract connected with a project that is financed in whole or in part with Federal assistance originally awarded by Department of Treasury under the authority of 49 U.S.C. chapter 53, the Government reserves the right to impose the penalties of 18 U.S.C. § 1001 and 49 U.S.C. § 5323(l) on the Contractor, to the extent the Federal Government deems appropriate.
- 12.4. The Contractor agrees to include the above two clauses in each subcontract financed in whole or in part with Federal assistance provided by Department of Treasury. It is further agreed that the clauses shall not be modified, except to identify the subcontractor who will be subject to the provisions.

13. RECORDS RETENTION 2C.F.R. § 200.333

- 13.1. The Contractor will retain and will require its subcontractors of all tiers to retain, complete and readily accessible records related in whole or in part to the contract, including, but not limited to, data, documents, reports, statistics, sub-agreements, leases, subcontracts, arrangements, other third-party agreements of any type, and supporting materials related to those records.
- 13.2. Retention Period. The Contractor agrees to comply with the record retention requirements in accordance with 2 C.F.R. § 200.333. The Contractor shall maintain all books, records, accounts and reports required under this Contract for a period of at not less than five (5) years after the date of termination or expiration of this Contract, except in the event of litigation or settlement of claims arising from the performance of this Contract, in which case records shall be maintained until the disposition of all such litigation, appeals, claims or exemptions related thereto.

14. ACCESS TO PROJECT SITE

The contractor agrees to permit Hernando County or his authorized representatives' access to the sites of performance as reasonably may be required.

15. PROTECTIONS FOR WHISTLEBLOWERS 41 U.S.C. § 4712

- 15.1. In accordance with 41 U.S.C. § 4712, neither the contractor, or subcontractor may discharge, demote, or otherwise discriminate against an employee as a reprisal for disclosing information to a person or entity listed below that the employee reasonably believes is evidence of gross mismanagement of a federal contract or grant, a gross waste of federal funds, an abuse of authority relating to a federal contract or grant, a substantial and specific danger to public health or safety, or a violation of law, rule, or regulation related to a federal contract (including the competition for or negotiation of a contract) or grant:
- 15.1.1. A Member of Congress or a representative of a committee of Congress;
 - 15.1.2. An Inspector General;
 - 15.1.3. The Government Accountability Office;
 - 15.1.4. A Treasury employee responsible for contract or grant oversight or management;
 - 15.1.5. An authorized official of the Department of Justice or other law enforcement agency;
 - 15.1.6. A court or grant jury; and/or
 - 15.1.7. A management official or other employee of Hernando County, contractor, or subcontractor who has the responsibility to investigate, discover, or address misconduct.

16. SOLID WASTE DISPOSAL ACT

- 16.1. Recycled Products/Recovered Materials 42 U.S.C. § 6962, 40 C.F.R. part 247, 2 C.F.R. part § 200.322
- 16.1.1. The Contractor agrees to provide a preference for those products and services that conserve natural resources, protect the environment, and are energy

efficient by complying with and facilitating compliance with Section 6002 of the Resource Conservation and Recovery Act, as amended, 42 U.S.C. § 6962, and U.S. Environmental Protection Agency (U.S. EPA), "Comprehensive Procurement Guideline for Products Containing Recovered Materials," 40 C.F.R. part 247.

16.1.2. In the performance of this contract, the Contractor shall make maximum use of products containing recovered materials that are EPA- designated items unless the product cannot be acquired—

- 16.1.2.1.** Competitively within a timeframe providing for compliance with the contract performance schedule;
- 16.1.2.2.** Meeting contract performance requirements; or
- 16.1.2.3.** At a reasonable price.

16.1.3. Information about this requirement, along with the list of EPA- designate items, is available at EPA's Comprehensive Procurement Guidelines web site, <https://www.epa.gov/smm/comprehensive-procurement-guideline-cpg-program>

17. NON-DISCRIMINATION REQUIREMENTS (supersedes page 28 paragraph 11 COMPLIANCE WITH FEDERAL, STATE AND LOCAL LAWS)

17.1. No person in the United States shall, on the ground of race, color, national origin, handicap, age, religion, or sex, be excluded from participation in, be denied the benefits of, or be subject to discrimination under any program or activity receiving federal financial assistance. The Contractor is required to comply with all non-discrimination requirements summarized in this section, and to ensure that all subawards contain these nondiscrimination requirements.

17.2. Statutory Provisions

- 17.2.1.** Title VI of the Civil Rights Act of 1964 (42 U.S.C. §§ 2000d et seq.) prohibits discrimination on the grounds of race, color, or national origin under programs or activities receiving federal financial assistance;
- 17.2.2.** Title IX of the Education Amendments of 1972 (20 U.S.C. §§ 1681 et seq.) prohibits discrimination on the basis of sex under federally assisted education programs or Activities;
- 17.2.3.** Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. § 794) prohibits discrimination on the basis of handicap under any program or activity receiving or benefitting from federal assistance;
- 17.2.4.** The Age Discrimination Act of 1975, as amended (42 U.S.C. §§ 6101 et seq.), prohibits discrimination on the basis of age in programs or activities receiving federal financial assistance;

17.2.5. The Americans with Disabilities Act of 1990, as amended (42 U.S.C. §§ 12101 et seq.) ("ADA"), including the ADA Amendments Act of 2008 (Public Law 110-325, ("ADAAA"), prohibits discrimination on the basis of disability under programs, activities, and services provided or made available by state and local governments or instrumentalities or agencies thereto, as well as public or private entities that provide public transportation.

17.2.6. Any other applicable non-discrimination law(s).

18. PROHIBITION ON CONTRACTING FOR CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT (AUG 2020) FAR 52.205-25

18.1. *Definitions.* As used in this clause—

18.1.1. *Backhaul* means intermediate links between the core network, or backbone network, and the small subnetworks at the edge of the network (e.g., connecting cell phones/towers to the core telephone network). Backhaul can be wireless (e.g., microwave) or wired (e.g., fiber optic, coaxial cable, Ethernet).

18.1.2. *Covered foreign country* means The People's Republic of China.

18.1.3. *Covered telecommunications equipment or services* means—

18.1.3.1. Telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities);

18.1.3.2. For the purpose of public safety, security of Government facilities, physical security surveillance of critical infrastructure, and other national security purposes, video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities);

18.1.3.3. Telecommunications or video surveillance services provided by such entities or using such equipment; or

18.1.3.4. Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of National Intelligence or the Director of the Federal Bureau of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country.

18.1.4. *Critical technology* means—

18.1.4.1. Defense articles or defense services included on the United States Munitions List set forth in the International Traffic in Arms Regulations under subchapter M of chapter I of title 22, Code of Federal Regulations;

18.1.4.2. Items included on the Commerce Control List set forth in Supplement No. 1 to part 774 of the Export Administration Regulations under subchapter C of chapter VII of title 15, Code of Federal Regulations, and controlled—

18.1.4.2.1. Pursuant to multilateral regimes, including for reasons relating to national security, chemical and biological weapons proliferation, nuclear nonproliferation, or missile technology; or

18.1.4.2.2. For reasons relating to regional stability or surreptitious listening;

18.1.4.3. Specially designed and prepared nuclear equipment, parts and components, materials, software, and technology covered by part 810 of title 10, Code of Federal Regulations (relating to assistance to foreign atomic energy activities);

18.1.4.4. Nuclear facilities, equipment, and material covered by part 110 of title 10, Code of Federal Regulations (relating to export and import of nuclear equipment and material);

- 18.1.4.5. Select agents and toxins covered by part 331 of title 7, Code of Federal Regulations, part 121 of title 9 of such Code, or part 73 of title 42 of such Code; or
 - 18.1.4.6. Emerging and foundational technologies controlled pursuant to section 1758 of the Export Control Reform Act of 2018 (50 U.S.C. 4817).
 - 18.1.5. *Interconnection arrangements* means arrangements governing the physical connection of two or more networks to allow the use of another's network to hand off traffic where it is ultimately delivered (e.g., connection of a customer of telephone provider A to a customer of telephone company B) or sharing data and other information resources.
 - 18.1.6. *Reasonable inquiry* means an inquiry designed to uncover any information in the entity's possession about the identity of the producer or provider of covered telecommunications equipment or services used by the entity that excludes the need to include an internal or third-party audit.
 - 18.1.7. *Roaming* means cellular communications services (e.g., voice, video, data) received from a visited network when unable to connect to the facilities of the home network either because signal coverage is too weak or because traffic is too high.
 - 18.1.8. *Substantial or essential component* means any component necessary for the proper function or performance of a piece of equipment, system, or service.
 - 18.2. *Prohibition.*
 - 18.2.1. Section 889(a)(1)(A) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Pub. L. 115-232) prohibits the head of an executive agency on or after August 13, 2019, from procuring or obtaining, or extending or renewing a contract to procure or obtain, any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. The Contractor is prohibited from providing to the Government any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system, unless an exception at paragraph (18.3) of this clause applies or the covered telecommunication equipment or services are covered by a waiver described in FAR [4.2104](#).
 - 18.2.2. Section 889(a)(1)(B) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Pub. L. 115-232) prohibits the head of an executive agency on or after August 13, 2020, from entering into a contract, or extending or renewing a contract, with an entity that uses any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system, unless an exception at paragraph (18.3) of this clause applies or the covered telecommunication equipment or services are covered by a waiver described in FAR [4.2104](#). This prohibition applies to the use of covered telecommunications equipment or services, regardless of whether that use is in performance of work under a Federal contract.
 - 18.3. *Exceptions.* This clause does not prohibit contractors from providing—
 - 18.3.1. A service that connects to the facilities of a third-party, such as backhaul, roaming, or interconnection arrangements; or
 - 18.3.2. Telecommunications equipment that cannot route or redirect user data traffic or permit visibility into any user data or packets that such equipment transmits or otherwise handles.
 - 18.4. *Reporting requirement.*
 - 18.4.1. In the event the Contractor identifies covered telecommunications equipment or services used as a substantial or essential component of any system, or as critical technology as

part of any system, during contract performance, or the Contractor is notified of such by a subcontractor at any tier or by any other source, the Contractor shall report the information in paragraph (18.4.2) of this clause to the Contracting Officer, unless elsewhere in this contract are established procedures for reporting the information; in the case of the Department of Defense, the Contractor shall report to the website at <https://dibnet.dod.mil>. For indefinite delivery contracts, the Contractor shall report to the Contracting Officer for the indefinite delivery contract and the Contracting Officer(s) for any affected order or, in the case of the Department of Defense, identify both the indefinite delivery contract and any affected orders in the report provided at <https://dibnet.dod.mil>.

18.4.2. The Contractor shall report the following information pursuant to paragraph (18.4.1) of this clause

18.4.2.1. Within one business day from the date of such identification or notification: the contract number; the order number(s), if applicable; supplier name; supplier unique entity identifier (if known); supplier Commercial and Government Entity (CAGE) code (if known); brand; model number (original equipment manufacturer number, manufacturer part number, or wholesaler number); item description; and any readily available information about mitigation actions undertaken or recommended.

18.4.2.2. Within 10 business days of submitting the information in paragraph (18.4.2.1) of this clause: any further available information about mitigation actions undertaken or recommended. In addition, the Contractor shall describe the efforts it undertook to prevent use or submission of covered telecommunications equipment or services, and any additional efforts that will be incorporated to prevent future use or submission of covered telecommunications equipment or services.

18.4.3. *Subcontracts.* The Contractor shall insert the substance of this clause, including this paragraph (18.4.3) and excluding paragraph (18.2.2), in all subcontracts and other contractual instruments, including subcontracts for the acquisition of commercial items.

19. GENERAL CIVIL RIGHTS PROVISIONS: (49 USC § 47123)

19.1. The Contractor agrees to comply with pertinent statutes, executive orders, and such rules as are promulgated to ensure that no person shall, on the grounds of race, creed, color, national origin, sex, age, or disability be excluded from participating in any activity conducted with or benefiting from federal assistance.

19.2. This provision binds the contractor and sub tier contractors from the bid solicitation period through the completion of the Contract. This provision is in addition to that required of Title VI of the Civil Rights Act of 1964.

20. CIVIL RIGHTS – TITLE VI ASSURANCE: (49 USC § 47123; FAA Order 1400.11)

20.1. **Title VI Solicitation Notice:** Hernando County, in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 U.S.C. §§ 2000d to 2000d-4) and the Regulations, hereby notifies all bidders that it will affirmatively ensure that any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full and fair opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

20.2. **Compliance with Nondiscrimination Requirements:** During the performance of this contract, the Contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "Contractor") agrees as follows:

20.2.1. Compliance with Regulations: The Contractor (hereinafter includes consultants) will comply with the Title VI List of Pertinent Nondiscrimination Acts and Authorities, as they

may be amended from time to time, which are herein incorporated by reference and made a part of this contract.

- 20.2.2. Non-discrimination:** The Contractor, with regard to the work performed by it during the contract, will not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The Contractor will not participate directly or indirectly in the discrimination prohibited by the Nondiscrimination Acts and Authorities, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR part 21.
- 20.2.3. Solicitations for Subcontracts, Including Procurements of Materials and Equipment:** In all solicitations, either by competitive bidding, or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by the contractor of the Contractor's obligations under this contract and the Nondiscrimination Acts And Authorities on the grounds of race, color, or national origin.
- 20.2.4. Information and Reports:** The Contractor will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by Hernando County or the Federal Government Administration to be pertinent to ascertain compliance with such Nondiscrimination Acts and Authorities and instructions. Where any information required of a Contractor is in the exclusive possession of another who fails or refuses to furnish the information, the Contractor will so certify to Hernando County the Federal Government Administration, as appropriate, and will set forth what efforts it has made to obtain the information.
- 20.2.5. Sanctions for Noncompliance:** In the event of a contractor's noncompliance with the non-discrimination provisions of this contract, Hernando County will impose such contract sanctions as it or the Federal Aviation Administration may determine to be appropriate, including, but not limited to:
- 20.2.5.1.** Withholding payments to the Contractor under the contract until the Contractor complies; and/or
 - 20.2.5.2.** Cancelling, terminating, or suspending a contract, in whole or in part.
- 20.2.6. Incorporation of Provisions:** The Contractor will include the provisions of paragraphs 20.2.0 through 20.2.6 in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations and directives issued pursuant thereto. The Contractor will take action with respect to any subcontract or procurement as Hernando County or the Federal Government Administration may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the Contractor becomes involved in, or is threatened with litigation by a subcontractor, or supplier because of such direction, the Contractor may request Hernando County to enter into any litigation to protect the interests of Hernando County. In addition, the Contractor may request the United States to enter into the litigation to protect the interests of the United States.

- 20.3. Title VI List of Pertinent Nondiscrimination Acts and Authorities:** During the performance of this contract, the Contractor, for itself, its assignees, and successors in interest (hereinafter

referred to as the "Contractor") agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

- 20.3.1. Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d *et seq.*, 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin);
- 20.3.2. 49 CFR part 21 (Non-discrimination In federally-assisted programs of The Department of Transportation—Effectuation of Title VI of The Civil Rights Act of 1964);
- 20.3.3. The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of federal or federal-aid programs and projects);
- 20.3.4. Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 *et seq.*), as amended, (prohibits discrimination on the basis of disability); and 49 CFR part 27;
- 20.3.5. The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 *et seq.*), (prohibits discrimination on the basis of age);
- 20.3.6. Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex);
- 20.3.7. The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of federal-aid recipients, sub-recipients and contractors, whether such programs or activities are federally funded or not);
- 20.3.8. Titles II and III of the Americans with Disabilities Act of 1990, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131 – 12189) as implemented by Department of Transportation regulations at 49 CFR parts 37 and 38;
- 20.3.9. The Department of Treasury's non-discrimination requirements (prohibits discrimination on the basis of race, color, national origin, and sex);
- 20.3.10. Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures non-discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
- 20.3.11. Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- 20.3.12. Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 *et seq.*).

21. DISTRACTED DRIVING - TEXTING WHEN DRIVING: (Executive Order 13513; DOT Order 3902.10)

- 21.1. In accordance with Executive Order 13513, "Federal Leadership on Reducing Text Messaging While Driving" (10/1/2009) and DOT Order 3902.10 "Text Messaging While Driving" (12/30/2009), the U.S. Treasury Department encourages recipients of federal grant funds to

adopt and enforce safety policies that decrease crashes by distracted drivers, including policies to ban text messaging while driving when performing work related to a grant or sub-grant.

- 21.2. In support of this initiative, the Owner encourages the Contractor to promote policies and initiatives for its employees and other work personnel that decrease crashes by distracted drivers, including policies that ban text messaging while driving motor vehicles while performing work activities associated with the project. The Contractor must include the substance of this clause in all sub-tier contracts exceeding \$3,500 and involve driving a motor vehicle in performance of work activities associated with the project.

22. ENERGY CONSERVATION REQUIREMENTS: (2 CFR § 200, Appendix II(H))

Contractor and Subcontractor agree to comply with mandatory standards and policies relating to energy efficiency as contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (42 U.S.C. 6201*et seq.*).

23. FEDERAL FAIR LABOR STANDARDS ACT (FEDERAL MINIMUM WAGE): (29 U.S.C. § 201, et seq)

- 23.1. All contracts and subcontracts that result from this solicitation incorporate by reference the provisions of 29 CFR part 201, the Federal Fair Labor Standards Act (FLSA), with the same force and effect as if given in full text. The FLSA sets minimum wage, overtime pay, recordkeeping, and child labor standards for full and part time workers.
- 23.2. The Contractor has full responsibility to monitor compliance to the referenced statute or regulation. The Contractor must address any claims or disputes that arise from this requirement directly with the U.S. Department of Labor – Wage and Hour Division
- 23.3. Florida: 2020 Minimum Wage \$8.56; 2021 Minimum Wage \$10.00 (effective 9/30/2021)

24. PROHIBITION of SEGREGATED FACILITIES: (41 CFR § 60)

- 24.1. The Contractor agrees that it does not and will not maintain or provide for its employees any segregated facilities at any of its establishments, and that it does not and will not permit its employees to perform their services at any location under its control where segregated facilities are maintained. The Contractor agrees that a breach of this clause is a violation of the Equal Opportunity clause in this contract.
- 24.2. "Segregated facilities," as used in this clause, means any waiting rooms, work areas, rest rooms and wash rooms, restaurants and other eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees, that are segregated by explicit directive or are in fact segregated on the basis of race, color, religion, sex, or national origin because of written or oral policies or employee custom. The term does not include separate or single-user rest rooms or necessary dressing or sleeping areas provided to assure privacy between the sexes.
- 24.3. The Contractor shall include this clause in every subcontract and purchase order that is subject to the Equal Opportunity clause of this contract.

25. OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970: (20 CFR part 1910)

All contracts and subcontracts that result from this solicitation incorporate by reference the requirements of 29 CFR Part 1910 with the same force and effect as if given in full text. Contractor must provide a work environment that is free from recognized hazards that may cause death or serious physical harm to the employee. The Contractor retains full responsibility to monitor its compliance and their subcontractor's compliance with the applicable requirements of the Occupational Safety and Health Act of 1970 (20 CFR

Part 1910). Contractor must address any claims or disputes that pertain to a referenced requirement directly with the U.S. Department of Labor – Occupational Safety and Health Administration.

26. VETERAN'S PREFERENCE: (49 USC § 47112(c))

In the employment of labor (excluding executive, administrative, and supervisory positions), the Contractor and all sub-tier contractors must give preference to covered veterans as defined within Title 49 United States Code Section 47112. Covered veterans include Vietnam-era veterans, Persian Gulf veterans, Afghanistan-Iraq war veterans, disabled veterans, and small business concerns (as defined by 15 U.S.C. 632) owned and controlled by disabled veterans. This preference only applies when there are covered veterans readily available and qualified to perform the work to which the employment relates.

27. DISCRIMINATION:

An entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity.

28. INTEREST OF MEMBERS OF, OR DELEGATES TO, CONGRESS OR LEGISLATURE:

No member or delegate to the Congress of the United States, or the State of Florida legislature, shall be admitted to any share or part of the Agreement or any benefit arising therefrom.

29. LITIGATION, INVESTIGATIONS, ARBITRATION, OR ADMINISTRATIVE PROCEEDINGS:

The contractor certifies that it, its principals, and agents, are not engaged in any civil or criminal litigation investigations, arbitration, or administrative proceedings relating to or affecting their ability to perform under this Agreement.

30. NOTICE OF CONVICTION OF PUBLIC ENTITY CRIME:

Any person must notify the Department of Management Services and the Commission, in writing, within thirty (30) days after conviction of a public entity crime applicable to that person or an affiliate of that person as defined in Section 287.133, F.S.

31. AFFIRMATIVE ACTION: (41 CFR part 60-4; Executive Order 11246)

31.1 NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION to ENSURE EQUAL EMPLOYMENT OPPORTUNITY:

31.1.1. The Offeror's or Bidder's attention is called to the "Equal Opportunity Clause" and the "Standard Federal Equal Employment Opportunity Construction Contract Specifications" set forth herein.

31.1.2. The goals and timetables for minority and female participation, expressed in percentage terms for the contractor's aggregate workforce in each trade on all construction work in the covered area, are as follows:

31.1.2.1. Timetables

31.1.2.2. Goals for minority participation for each trade: 17.1%

31.1.2.3. Goals for female participation in each trade: 6.9%

31.1.2.4. These goals are applicable to all of the contractor's construction work (whether or not it is federal or federally assisted) performed in the covered area. If the contractor performs construction work in a geographical area located outside of the covered area, it shall apply the goals established for

such geographical area where the work is actually performed. With regard to this second area, the contractor also is subject to the goals for both its federally involved and non-federally involved construction.

31.1.2.5. The Contractor's compliance with the Executive Order and the regulations in 41 CFR Part 60-4 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative action obligations required by the specifications set forth in 41 CFR 60-4.3(a), and its efforts to meet the goals. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade, and the contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from Contractor to Contractor or from project to project for the sole purpose of meeting the Contractor's goals shall be a violation of the contract, the Executive Order, and the regulations in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours performed.

31.1.3. The Contractor shall provide written notification to the Director of the Office of Federal Contract Compliance Programs (OFCCP) within ten (10) working days of award of any construction subcontract in excess of \$10,000 at any tier for construction work under the contract resulting from this solicitation. The notification shall list the name, address, and telephone number of the subcontractor; employer identification number of the subcontractor; estimated dollar amount of the subcontract; estimated starting and completion dates of the subcontract; and the geographical area in which the subcontract is to be performed.

31.1.4. As used in this notice and in the contract resulting from this solicitation, the "covered area" is Florida, Hernando County.

By signing my name below, I certify that I have read the above information. My signature also certifies my understanding and agreement with the above terms and conditions.

Signature (Authorized Official)

Date

Print Name

Print Title

**SECTION VI
ATTACHMENT 15**

CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

Acknowledge each paragraph below by checking box and initializing.

☐ _____ (initials)

Overtime requirements - No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

☐ _____ (initials)

Violation; liability for unpaid wages; liquidated damages - In the event of any violation of the clause set forth in paragraph Overtime requirements, the contractor, and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph Overtime requirements, in the sum of **\$10** for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph Overtime requirements.

☐ _____ (initials)

Withholding for unpaid wages and liquidated damages - Hernando County shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph Violation: liability for unpaid wages; liquidated damages, of this page.

☐ _____ (initials)

Subcontracts - The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraphs Overtime through Subcontracts of this page and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs Overtime through Subcontracts of this page.

Signature

Date

Print Name

Print Title

SECTION VI
ATTACHMENT 16

Disadvantaged Business Enterprise (DBE) Affirmation Statement

Prime Contractor/Prime Consultant: _____

Telephone Number: _____

Address: _____

I hereby certify that the above stated contractor/consultant is a (select one):

☐ DBE

☐ Non-DBE

Subcontractor Services List

Please list all subcontractors for services:

• Company Name: _____

Telephone Number: _____

Address: _____

The above company named is a (select one):

☐ DBE

☐ Non-DBE

• Company Name: _____

Telephone Number: _____

Address: _____

The above company named is a (select one):

☐ DBE

☐ Non-DBE

• Company Name: _____

Telephone Number: _____

Address: _____

The above company named is a (select one):

☐ DBE

☐ Non-DBE

• Company Name: _____

Telephone Number: _____

Address: _____

The above company named is a (select one):

☐ DBE

☐ Non-DBE

• Company Name: _____

Telephone Number: _____

Address: _____

The above company named is a (select one):

☐ DBE

☐ Non-DBE

SECTION VI
ATTACHMENT 17

Representation Regarding Felony Convictions or Tax Delinquent Status

All applicants must complete the paragraph (1) of this representation, and all corporate applicants also must complete paragraphs (2) and (3) of this representation.

- (1) Applicant, _____, [insert applicant name] is _____ is not _____ (check one) an entity that has filed articles of incorporation in one of the fifty states, the District of Columbia, or the various territories of the United States including American Samoa, Federated States of Micronesia, Guam, Midway Islands, Northern Mariana Islands, Puerto Rico, Republic of Palau, Republic of the Marshall Islands, U.S. Virgin Islands. (Note that this includes both for-profit and non-profit organizations.)

For those applicants who indicate above that they are a corporation, the applicant must complete paragraphs (2) and (3) of the representation.

- (2) Applicant, _____, [insert corporation name] has _____ has not _____ (check one) been convicted of a felony criminal violation under _____ Federal or _____ State law (check as applicable) in the 24 months preceding the date of application. Applicant has _____ has not _____ (check one) had any officer or agent of Applicant convicted of a felony criminal violation for actions taken on behalf of Applicant under Federal or State law in the 24 months preceding the date of signature.

- (3) Applicant, _____, [insert corporation name] has _____ does not have _____ (check one) any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability.

Providing the requested information is voluntary. However, failure to furnish the requested information will make the applicant ineligible to enter into a contract, memorandum of understanding, grant, loan, loan guarantee, or cooperative agreement with USDT.

APPLICANT'S SIGNATURE (BY)	TITLE/RELATIONSHIP OF THE INDIVIDUAL IF SIGNING IN A REPRESENTATIVE CAPACITY	DATE SIGNED (MM-DD-YYYY)

The U.S. Department of Treasury (USDT) prohibits discrimination in all of its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, political beliefs, genetic information, reprisal, or because all or part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact Disability Resources, U.S. Department of Treasury, 1500 Pennsylvania Avenue, NW, Washington, DC 20220, United States. USDT is an equal opportunity provider and employer.

ADDENDUM NO. THREE (3)

TO
THE CONTRACT DOCUMENTS FOR

**ENGINEERING SERVICES FOR SEPTIC TO SEWER, DISTRICT A AND SEPTIC UPGRADE
INCENTIVE PROGRAM**

IN
HERNANDO COUNTY, FLORIDA

SOLICITATION NO. 21-RG0045/PH

PROPOSAL DUE DATE: OCTOBER 20, 2021

NOTICE

PROPOSERS ARE REQUIRED TO ACKNOWLEDGE RECEIPT OF
THIS ADDENDUM BY SIGNATURE AT THE BOTTOM OF
THIS ADDENDUM IN THE SPACE PROVIDED AND
RETURNED AT THE TIME OF THE PROPOSAL DUE DATE.

TO ALL PLANHOLDERS:

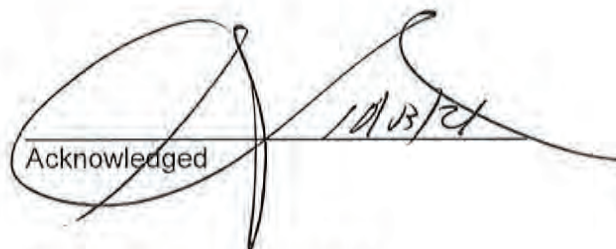
The following changes, additions and/or deletions are hereby made a part of the Contract Documents
for **ENGINEERING SERVICES FOR SEPTIC TO SEWER, DISTRICT A AND SEPTIC UPGRADE
INCENTIVE PROGRAM** located in Hernando County, as fully and completely as if the same were fully
set forth therein:

A. CLARIFICATIONS

1. Question: Clarification regarding an item in Addendum 2. Does page 17 of 20 require a signature in the signature block portion of the Supplementary Conditions and, if so, inclusion in the Required Forms section of the proposal?

Answer: Yes, Pages 17 thru 20 are required to be filled out as applicable and signed.

BOARD OF COUNTY COMMISSIONERS
HERNANDO COUNTY

 10/13/21
Acknowledged _____ for Tonya Parker-Rimes
Patty Hall, CPPB
Purchasing Coordinator

Issued: September 28, 2021

ADDENDUM NO. FOUR (4)
TO
THE CONTRACT DOCUMENTS FOR
ENGINEERING SERVICES FOR SEPTIC TO SEWER, DISTRICT A AND SEPTIC UPGRADE
INCENTIVE PROGRAM
IN
HERNANDO COUNTY, FLORIDA
SOLICITATION NO. 21-RG0045/PH
PROPOSAL DUE DATE: OCTOBER 20, 2021

NOTICE

PROPOSERS ARE REQUIRED TO ACKNOWLEDGE RECEIPT OF
THIS ADDENDUM BY SIGNATURE AT THE BOTTOM OF
THIS ADDENDUM IN THE SPACE PROVIDED AND
RETURNED AT THE TIME OF THE PROPOSAL DUE DATE.

TO ALL PLANHOLDERS:

The following changes, additions and/or deletions are hereby made a part of the Contract Documents for **ENGINEERING SERVICES FOR SEPTIC TO SEWER, DISTRICT A AND SEPTIC UPGRADE INCENTIVE PROGRAM** located in Hernando County, as fully and completely as if the same were fully set forth therein:

A. CLARIFICATIONS

1. **Question:** RFQ Section 6.2 states that, "If Sub-Contractors are to be utilized, their names and references must be included within this initial Proposal." Is there a specific section of the RFQ response the County wishes these references to be included? If so, will the list of sub-contractor references be counted toward that section's page limit?

Answer: Primary team members can be included in the resume section. All team members can be shown in the organizational chart.

2. **Question:** RFQ Section 7.1, TAB 3, Section B PROJECT TEAM requests, among other things, "Describe how the location of your project team may benefit the County as it specifically relates to the completion of the projects. Submit a maximum of one (1) page." However, RFQ Section 7.1, TAB 3, Section E LOCATION also requests identical information. Will the County clarify which section of Tab 3 it wishes for this information to appear?

Answer: Put it in both sections if you choose, but it must be in the 7.1 Section E.

3. **Question:** RFQ Section 7.1, TAB 3, Section D HERNANDO COUNTY WORK requests project examples "in which your firm was either the prime Consultant, a joint Consultant or a Sub-Consultant." Due to staffing changes, the proposed project team may include personnel with County experience completed while employed with a different consultant. Will the County accept project examples by specific personnel who may have completed projects with the

County while employed with a previous firm but whose expertise is vital to the proposed project team?

Answer: Yes.

4. **Question:** RFQ Section 7.1, TAB 3, QUALITY/COST CONTROLS asks that respondents describe the steps we would propose to control the quality and cost of a project by answering the questions listed. The first question asks, "What actions would you take to remedy those conditions in a timely manner?" Will the County clarify specifically what "those conditions" is referring to?

Answer: What actions would you take to remedy conditions arising from quality/cost controls in a timely manner?

5. **Question:** On page 10 of the RFQ, under 7.1 "Section B – PROJECT TEAM", the RFQ requests that proposers: "Submit resume and work experience for a maximum of ten (10) primary team members." Do these Ten Primary Team Members include Sub-Consultant Personnel? Or only Prime Consultant Personnel?

Answer: This includes Sub-Consultant Personnel that the proposer deems to be primary team members. Others may be shown in the organizational chart. 7.1 Tab 3 section B.

6. **Question:** On page 10 of the RFQ, under 7.1 "Section B – PROJECT TEAM", the RFQ requests that proposers: "List in detail the members of your project team and the expertise each will bring to the project. Summarize the team's projected workload during the duration of this project." How many pages are allowed to detail this information?

Answer: 20 pages total (maximum of ten team members, 2 pages per person).

7. **Question:** On page 13 of the RFQ, Section 11.1.10 states that required services include CEI Services: "11.1.10 Perform Construction Engineering Inspection Services." Will the County select a separate firm to provide CEI services, or is it required of the Proposer to include CEI personnel in their project team?

Answer: CEI services will be required and therefore CEI personnel should be included in the project team.

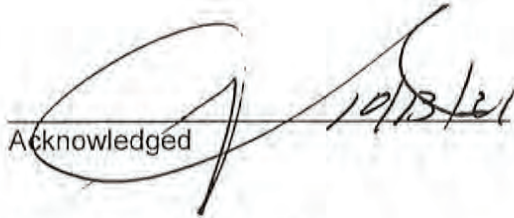
8. **Question:** On page 10 of the RFQ, under 7.1 "Section B – PROJECT TEAM", the RFQ requests that Proposers: "Describe how the location of your project team may benefit the County as it specifically relates to the completion of the projects. Submit a maximum of one (1) page." Then, under 7.1 "Section E – LOCATION", the RFQ has the same requirement again: Describe how the location of your project team may benefit the County as it specifically relates to the completion of the project. Submit a maximum of one (1) page for this section. Please confirm: Does the County want Proposers to detail the benefits of their locations twice?

Answer: Put it in both sections if you choose, but it must be in the 7.1 Section E.

9. **Question:** Approximately how many equivalent residential connections are intended to be captured in the S2S area "A"?

Answer: 904 total lots at buildout.

BOARD OF COUNTY COMMISSIONERS
HERNANDO COUNTY

Acknowledged  10/13/21


Patty Hall, CRPB
Purchasing Coordinator

Issued: October 5, 2021

ATTACHMENT 11

HERNANDO COUNTY EMPLOYMENT DISCLOSURE CERTIFICATION STATEMENT

10-13-21
(date)

Hernando County
Purchasing and Contracts
15470 Flight Path Drive
Brooksville, FL 34604

The undersigned certifies that to the best of his/her knowledge:

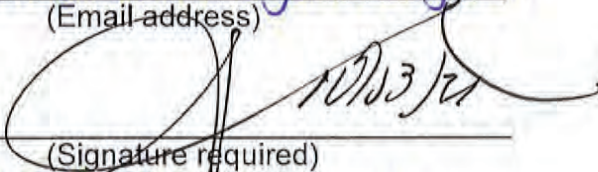
Is any Officer, Partner, Director, Proprietor, Associate or Member of the Business Entity a former employee of Hernando County within the last two (2) years? No ☒ Yes ☐

Is any Officer, Partner, Director, Proprietor, Associate or Member of the Business Entity a Relative or Member of the Household of a current Hernando County Employee that had or will have any involvement with this Procurement or Contract Authorization? No ☒ Yes ☐

If the answer to either of the above questions is "Yes", complete the "Relatives and Former Hernando County Employees - Roles and Signatures" table (Part A and/or Part B, as applicable).

Bidder:

Cliff@coastal-engineering.com
(Email address)


(Signature required)

Cliff Manuel, Jr., PE
(Print name)

President
(Print title)

906 Candlelight Blvd. Brooksville, FL 34601
(Address)

352-796-9423
(Phone)

352-799-8359
(Fax)

59-0827183
(Federal Taxpayer ID Number)

Relatives and Former Hernando County Employees – Roles and Signatures

Part A: Employees that left Hernando County in the last two years.

Employee Name/Signature	Job Performed for Hernando County	Current Role with Business Entity	Date Left Hernando County
Name: _____ Sign: _____ <ul style="list-style-type: none"> Involved with this Procurement on behalf of Hernando County? No <input type="checkbox"/> Yes <input type="checkbox"/> Involved with Proposal development for this Procurement? No <input type="checkbox"/> Yes <input type="checkbox"/> 			
Name: _____ Sign: _____ <ul style="list-style-type: none"> Involved with this Procurement on behalf of Hernando County? No <input type="checkbox"/> Yes <input type="checkbox"/> Involved with Proposal development for this Procurement? No <input type="checkbox"/> Yes <input type="checkbox"/> 			
Name: _____ Sign: _____ <ul style="list-style-type: none"> Involved with this Procurement on behalf of Hernando County? No <input type="checkbox"/> Yes <input type="checkbox"/> Involved with Proposal development for this Procurement? No <input type="checkbox"/> Yes <input type="checkbox"/> 			

Part B: Identify Officers, Partners, Directors, Proprietors, Associates or Members of the Business Entity that are Relatives or Members of the Household of Hernando County employees currently working for Hernando County, if Hernando County employee had or will have any involvement with this Procurement of Contract.

Firm Officer, Partner, Director, Proprietor, Associate or Member Name	Name and Relationship of Relative or Member of Household Employed at Hernando County	Role at Hernando County	Hernando County employee's Role with this Procurement

(Make copies of this form as needed to list additional employees.)

CERTIFICATION REGARDING LOBBYING

Certification for Contracts, Grants, Loans, and Cooperative Agreements

The undersigned certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

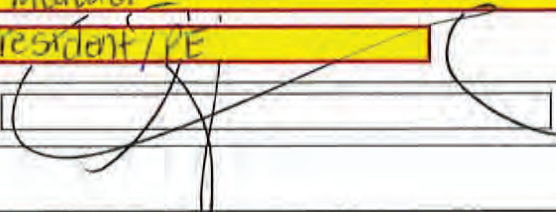
(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Statement for Loan Guarantees and Loan Insurance

The undersigned states, to the best of his or her knowledge and belief, that:

If any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions. Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

* APPLICANT'S ORGANIZATION			
<div style="border: 1px solid black; padding: 2px; display: inline-block;"> Crystal Engineering Associates, Inc. </div>			
* PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE			
Prefix:	<div style="border: 1px solid black; padding: 2px;">Mr.</div>	* First Name:	<div style="border: 1px solid black; padding: 2px;">CHP</div>
		Middle Name:	<div style="border: 1px solid black; padding: 2px;">E</div>
* Last Name:	<div style="border: 1px solid black; padding: 2px;">MARQUEL</div>		Suffix:
			<div style="border: 1px solid black; padding: 2px;">Jr.</div>
* Title:	<div style="border: 1px solid black; padding: 2px;">President/PE</div>		
* SIGNATURE:			* DATE:
			<div style="border: 1px solid black; padding: 2px;">10/13/21</div>

ATTACHMENT 13

DISCLOSURE OF LOBBYING ACTIVITIES

OMB Control Number: 4040-0013

Expiration Date: 2/28/2022

Complete this form to disclose lobbying activities pursuant to 31 U.S.C.1352

1. * Type of Federal Action: <input type="checkbox"/> a. contract <input checked="" type="checkbox"/> b. grant <input type="checkbox"/> c. cooperative agreement <input type="checkbox"/> d. loan <input type="checkbox"/> e. loan guarantee <input type="checkbox"/> f. loan insurance	2. * Status of Federal Action: <input type="checkbox"/> a. bid/offer/application <input checked="" type="checkbox"/> b. initial award <input type="checkbox"/> c. post-award	3. * Report Type: <input checked="" type="checkbox"/> a. initial filing <input type="checkbox"/> b. material change
4. Name and Address of Reporting Entity: <input checked="" type="checkbox"/> Prime <input type="checkbox"/> SubAwardee * Name: <u>Coastal Engineering Associates, Inc.</u> * Street 1: <u>966 Candlelight Blvd.</u> Street 2: _____ * City: <u>Brooksville</u> State: <u>FL</u> Zip: <u>34601</u> Congressional District, if known: _____		
5. If Reporting Entity in No.4 is Subawardee, Enter Name and Address of Prime: 		
6. * Federal Department/Agency: <u>Florida Dept. of Environmental Protection</u> <u>(FDEP)</u>	7. * Federal Program Name/Description: _____ CFDA Number, if applicable: _____	
8. Federal Action Number, if known: _____	9. Award Amount, if known: \$ _____	
10. a. Name and Address of Lobbying Registrant: Prefix: <u>Mr.</u> * First Name: <u>Cliff</u> Middle Name: <u>E.</u> * Last Name: <u>Manuel</u> Suffix: <u>Jr.</u> * Street 1: <u>966 Candlelight Blvd.</u> Street 2: _____ * City: <u>Brooksville</u> State: <u>FL</u> Zip: <u>34601</u>		
b. Individual Performing Services (including address if different from No. 10a) Prefix: _____ * First Name: _____ Middle Name: _____ * Last Name: _____ Suffix: _____ * Street 1: _____ Street 2: _____ * City: _____ State: _____ Zip: _____		
11. Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when the transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be reported to the Congress semi-annually and will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure. * Signature: _____ <u>10/13/21</u> * Name: Prefix: <u>Mr.</u> * First Name: <u>Cliff</u> Middle Name: <u>E.</u> * Last Name: <u>Manuel</u> Suffix: <u>Jr.</u> Title: <u>President/PE</u> Telephone No.: <u>352-796-9423</u> Date: <u>10-13-21</u>		
Federal Use Only:		STANDARD FORM LLL (REV. 7/1997) Authorized for Local Reproduction

ATTACHMENT 14

Convicted or Discriminatory Vendor List Statement

Those who have been placed on the convicted vendor list following a conviction for a public entity crime or on the discriminatory vendor list may not submit a bid on the contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with a public entity, and may not transact business with any public entity in excess of \$25,000.00 for a period of 36 months from the date of being placed on the convicted vendor list or on the discriminatory vendor list.

CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

It is certified that neither the below identified firm nor its principals are presently suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency.

Name of Company/Firm: Coastal Engineering Associates, Inc.
By: [Signature] Date: 10/13/21
Authorized Signature
Title: President / PE

Instructions for Certification

1. Certifies the company/firm are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by the federal department or agency;
2. have not within a five-year period preceding this proposal been convicted of or had a civil judgment rendered against them for fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (federal, state or local) transaction or contract under public transaction; violation of federal or state antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
3. are not presently indicated or otherwise criminally or civilly charged by a governmental entity (federal, state or local) with commission of any offenses enumerated in this document; and
4. have not within five-year period preceding this Agreement had one or more public transactions (federal, state or local) terminated for cause or default.

If the above is unable to certify to any of the statements in this certification, then the company/firm shall attach an explanation to this agreement.



966 Candlelight Boulevard
Brooksville, Florida 34601
352.796.9423
Coastal@Coastal-Engineering.com
Coastal-Engineering.com