

City of St. Augustine Beach

Statement of Qualifications | RFQ 21-06
Professional Engineering Services for Storm
Drainage Master Plan Update



Welcome to
ST. AUGUSTINE BEACH

ISLAND PARK SOUTH



NOVEMBER 18, 2021

Gulfstream Design Group, LLC
Matthew H. Lahti, P.E. | Principal FL #71395



Letter of Interest & Proposed Team Introduction

November 18, 2021

ATTN: City Clerk
City of St. Augustine Beach
2200 SR A1A South
St. Augustine Beach, FL 32080

Re: Professional Engineering Services for
Storm Drainage Master Plan Update
RFQ: 21-06

Dear Review Committee:

Gulfstream Design Group, LLC (Gulfstream) is pleased to provide you with our proposal in response to the **21-06-RFQ: Professional Engineering Services for Storm Drainage Master Plan Update for the City of St. Augustine Beach**. Our highly experienced and diverse staff, coupled with our dedication to delivering on our client's expectations, will allow Gulfstream to continually and **consistently deliver satisfactory products to the City** and its residents. Gulfstream and its staff are well prepared to offer the County our resources and professional, client-oriented, services for the following reasons:

- **Diverse Engineering and Client Portfolio:** Since Matthew Lahti, P.E. opened Gulfstream's doors to both private and public clients in 2013, Gulfstream has served numerous clients across the state of Florida. With such a broad scope of projects, Gulfstream has most definitely learned the intricacies of the design and permitting **Civil Engineering** projects in Northeast Florida. Our local knowledge of essential project components, and permitting processes allow us to effectively deliver on expectations. Our knowledge of Civil Engineering is well translated from our local market, having worked on a wide range of infrastructure development across the state. Gulfstream maintains a fully staffed office of 13 full-time employees located at **2225 A1A S St. Augustine, Florida 32080**, our proximity will help the City to keep business in our local economy and at the same time helps to alleviate cost and travel time associated with the Stormwater Masterplan. Our staff of two (2) senior Professional Engineers, Four (4) Project Engineers, Two (2) Senior CAD Designers, One (1) CAD/GIS Designer and Operator, Three (3) Administrative Support Staff carries a multitude of knowledge from prior projects into each of our present and future projects, allowing us to streamline our processes further at the completion of each job. Our staff's background is extremely diverse, encompassing many different types and sizes of projects across St. Johns County, and we maintain a constant focus and **commitment to low-impact, sustainable, and context-sensitive, design.**

Our **Selected Project Experience** associated with Capital Improvements and Master Planning Projects, include a multitude of Drainage Master Plans and Level of Service Improvement activities for both public and municipal clients including Public Works Departments of both the City of St. Augustine Beach and St. Johns County. Gulfstream has also prepared design calculations and construction plans for various St. Johns County Parks and Recreation Department projects. Gulfstream maintains a commitment to designing and developing public infrastructure in the most efficient way possible to support our local market, not only because we love what we do, but because **we frequently use and enjoy these features of our community ourselves.** With current continuing services contracts that we maintain, the Gulfstream team members have become known for our attention to detail, insightful and preventative master planning and design techniques, and consider ourselves **assets to our local community** by delivering Infrastructure designed with sustainability, cost, and public benefit at the forefront of our minds as we design.

As members of the local community, we understand the importance and reality of the funding associated with community improvements and strive to deliver projects on time and under budget. Gulfstream is committed to improving the infrastructure in the City of St. Augustine Beach and St. Johns County and communities that we work in, live in, and play in. Our team understands that the development of infrastructure provides our local market a continued opportunity for sustainable and responsible growth. Below is a small sampling of Gulfstream's locally designed projects throughout our history that we are proud to be a part of. More detailed information regarding our related experience is presented in Section 2 of this Proposal.

- North 2nd Street Drainage Improvements (St. Johns County, FL)
- CR 13 Culvert Replacement (St. Johns County, FL)
- Jack Wright Island Culvert Replacement (St. Johns County, FL)
- Avenue B ROW Drainage Improvements (St. Johns County, FL)
- Wildwood Sidewalk (St. Johns County, FL)
- Indianhead Biomass – Master Drainage Plan and Flood Analysis (St. Johns County, FL) (+/- 1,200 acres)
- Sawmill Landings Residential (St. Augustine, FL) (100 Lots)
- North Beach Park (Vilano Beach, FL)
- Mussallem Beachfront Park (St. Johns County, FL)
- Pope Road Conceptual ROW Improvements (Anastasia Island, FL)
- Spyglass Beach Parking Expansion (Crescent Beach, FL)
- Doug Crane Park Boat Ramp and Floating Docks (St. Johns County, FL)
- Colbert Landings – Master Drainage Plan and Flood Analysis (City of Palm Coast, FL) (+/- 295 acres)
- Oare Properties – Master Planning (Bunnell and City of Palm Coast, FL) (+/- 1,000 acres)
- St. Marks Pond C&D Master Drainage (St. Johns County, FL) (250 acres)
- Pelican Reef HOA Drainage Assistance (Anastasia Island, FL)
- Vilano Beach Boat Ramp Parking Reconstruction (St. Augustine, FL)
- Fire Administration Pole Barn (St. Johns County, FL)
- Palm Valley Boat Ramp East (Nocatee, FL)
- Palm Valley Boat Ramp West (Nocatee, FL)
- Villages West Turn Lane and Access Roadway (St. Johns County, FL)
- Extension (St. Johns County, FL)
- Kenton Morrison Sidewalk Intersection Improvements (St. Johns County, FL)
- Pler Park Conceptual Master Plan (St. Augustine Beach, FL)
- **On Call Readiness:** Gulfstream's local staff are readily available to start, resume, or finish any project as required. We are consistently ready to Matt Lahti, P.E., Teresa Benton, P.E., and Jim Humphries, P.E. to City of St. Augustine Beach projects to assist our local community. Gulfstream takes great pride in the neighborhoods in which we are privileged to work; simply because, we are afforded the opportunity to help mold them. Gulfstream is prepared to offer trustworthy services to the City and its community members for the foreseeable future.

Given that our team members and firm are local to St. Augustine, FL, our commitment to provide on-demand service to the City as a part of this 21-06 Storm Drainage Master Plan Update contract, is stronger than ever. Gulfstream utilizes strong communication skills and management to keep projects on track. Gulfstream is committed to being wholly invested in each job associated with this proposal, given our office location just across A1A from the City's offices, paired with unique local knowledge we maintain a persistent presence throughout all phases of local projects.

Civil Engineering Services Gulfstream Design Group, LLC

Gulfstream's philosophy rests on the foundation of our commitment to serving our clients and their needs with a comprehensive set of professional services in **Civil Engineering design, diligence and permitting, master planning, and construction administration**. We strive to take on projects that do not require our staff to blindly perform a series of given tasks, but rather to **embrace a team attitude**, and we consider ourselves an extension of your staff and an extended member of your community so that we may embody and achieve a mutual goal of developing solutions that meet your objectives and develop a product that **we can all be proud of**.

Gulfstream is fully prepared and committed to performing services as part of this RFQ to include:

- Our first tasks as part of this contract will include **Performing a comprehensive review** of the City's 2004 Stormwater Drainage Master Plan and analyze the current conditions of City's overall drainage system and the ability to comply with current local, state, and federal regulations. Current conditions can be easily evaluated by our staff given that the project sites associated with this RFQ are within just several miles of our office.
- **Understanding and meeting the goals** of the City as it relates to preparation of a new Stormwater Master Plan. Our staff understands the importance of diligence in Master Planning and implements exceptional attention to detail to ensure the program is properly designed, implemented, managed, and maintained for its 10 year cycle design life. Operation and Maintenance is a topic rarely accounted or planned for, but of critical importance. This single area has a greater influence on perpetuating or destroying the character of a public stormwater management facility (i.e., roadway, campus, public park, streetscape) than any individual design element. The way a project will be maintained will have a tremendous comprehensive impact on the quality of the entire facility and its adjacent, sometimes unrelated, facilities. By understanding who will have the responsibility for the work, what special conditions will impact the maintenance operations, and where the project is in relation to existing features, facilities and personnel, a maintenance program can be developed to achieve the desired results and is a tool critical to the long-term success of the facility. When making substantial investments into educational facilities, Gulfstream understands long-term sustainability and maintenance are critical to success and this will be included in the final report provided at the conclusion of this contract.
- **Analyze specific areas of drainage concern** with City staff and citizens by exercising our eagerness to engage in the resolution of the infrastructure challenges posed in our community, and expedited response and communication time due to our firm's location. Gulfstream is consistently available to engage in project correspondence which we believe is of the upmost importance. Our staff is committed to preparedness for each meeting after thorough hydrology/permit history document and site review.
 - After the basin QA/QC, the study team will use GIS procedures to integrate soils and land use data to develop NRCS curve numbers and impervious areas, and the topographic model to estimate time of concentration for each watershed to produce the parameters needed to create a working hydrologic model. Making all of the calculations within in GIS will also streamline the data export process to a format that can be easily imported to the hydrologic software of preference.
 - Simultaneously, the study team will develop the hydraulic data from the LiDAR and survey data. This will again be done in GIS, which makes for a better QA/QC process, and can

- again be easily exported to the modeling software. This process will also produce the hydrology and hydraulics network for the City as a final deliverable.
- Once the study team finalizes the hydrology and the hydraulics data and exports the results to the modeling software, troubleshooting will begin to eliminate the model errors and warnings, as well as to QA/QC the models for standard quality checks for both hydrology and hydraulics results (runoff depths, critical depth locations, warning stage exceptions, etc.) Once the models have been reviewed to eliminate satisfactorily the warnings and errors, the study team will then use the DEM to perform horizontal mapping of the model results for a reality check and final QA/QC.
 - Not only is mapping the model results the best way to make a 'reality check' of the model results, but this also provides an invaluable visualization tool for identifying flooding problems and LOS exceptions.
- **Improve and master our understanding** of the specific components of the City's Stormwater Master Plan which have been effective or posed the City and its residents consistent challenges. Our staff will engage with City staff and City residents to understand the true drainage challenges faced, and has capabilities to mobilize to any of the given project areas **during and immediately following** rain events when those challenges are increasingly evident to the engineers eye.
 - Through consistent communication as our office is just steps away from City Hall, we will **Share our staff's unique and local experience** perspectives, opinions, and research as it pertains to the forethought of land development regulations in our local market and the ability of those regulations to better serve the citizens and general public from a drainage perspective.
 - Based on our collaboration with the team which prepared the City's codes and ordinances we will **Improve** the City's land development codes and ordinances to protect the City and its residents against potentially irresponsible development, as well as areas notated in the 2021 Vulnerability Study as our market continues to see sustainability increase.
 - **Evaluate and provide insight** as it relates to the City's established and recommended levels of service, and provide comparative analysis through interpretation of data and modeling in areas deemed to be of increased risk. Our teams capability to engage in high level hydrology and stormwater modeling allow us to run and predict realistic scenarios given our areas local history, which ultimately proves invaluable in storm events.
 - **Develop and prioritize** recommendations and summaries of the city's stormwater drainage system as it relates to the impacts of pollution, water quality, and the City's environmental assets.
 - **Forecast and develop** a range of necessary Capital Improvements Projects in the City based on a 10-year projection. Projects will be recommended though development of conceptual plans to include basic demolition, site, utility, grading, and drainage items to complete the work. Our multitude of experience in the private development arena has allowed our team to become increasingly familiar with the importance of understanding and projecting the relative future construction cost and intensity of impact before investing substantial resources in the project. The 10 year Capital Improvements Plan will be generated using a dynamic, prioritized approach that will balance a series of factors, including (a) necessity, (b) visibility, (c) community benefits, (d) sustainability, and (e) cost. Utilizing both FDOT and local bid data, along with a projected inflation rate, the budget will be developed by the Gulfstream Team. In many ways, this is one of the primary strengths of the team, as the engineers and planners have successfully guided

projects from overall master plan to implementation. We believe the team is only as good as the last project we built.

- **Modifying** the City's St. Johns River Water Management District Storm Drainage Master Plan as necessary with our recommended projects. Our extensive history and relationships with St. Johns River Water Management staff consistently allow us to deliver on our client's expectations for their projects, and we have the up-most confidence this will be well translated to our proposed City Master Plan.
- **Prepare and finalize** a comprehensive update to the City's Master Plan. The update will be completed at a 50% and 90% milestone schedule. Updates will be well coordinated and managed with City staff, and ultimately presented to the City Commission to solicit public input for the project.
- **Complete and deliver** the project scope of work in a timeframe of 9 months or less.

The Gulfstream Team will outline all potential projects and the cost associated with these projects and then meet with city staff to understand funding opportunities for the proposed projects. Stormwater Land Development Code and or Comprehensive Plan Assessments will be developed in tandem with the City staff. Matt Lahti of Gulfstream Design Group is a member of the Florida Stormwater Association (FSA), and the database of similar communities will be used as a foundation to compare St. Augustine Beach based upon guidelines from the FSA. City accounting and purchasing staff will be a critical component to this portion of the project as they have valuable insight, which no consultant can provide in the generation of the stormwater master plan, and Gulfstream will work hand-in-hand as an 'extension of staff.

As a local firm headquartered in St. Augustine Beach, Gulfstream would be extremely grateful and honored to serve as the Civil Engineering consultant for the Master Drainage Plan, and we are more than qualified to begin, and deliver on the tasks which we have outlined above. We are **fully prepared and dedicated** to meeting and exceeding your expectations for each of your valuable projects. If the review committee should have any questions about Gulfstream Design Group or our team members, please do not hesitate to reach out to me at (904) 794-4231 or via email at matt@gulfstreamdesign.com.

Sincerely,

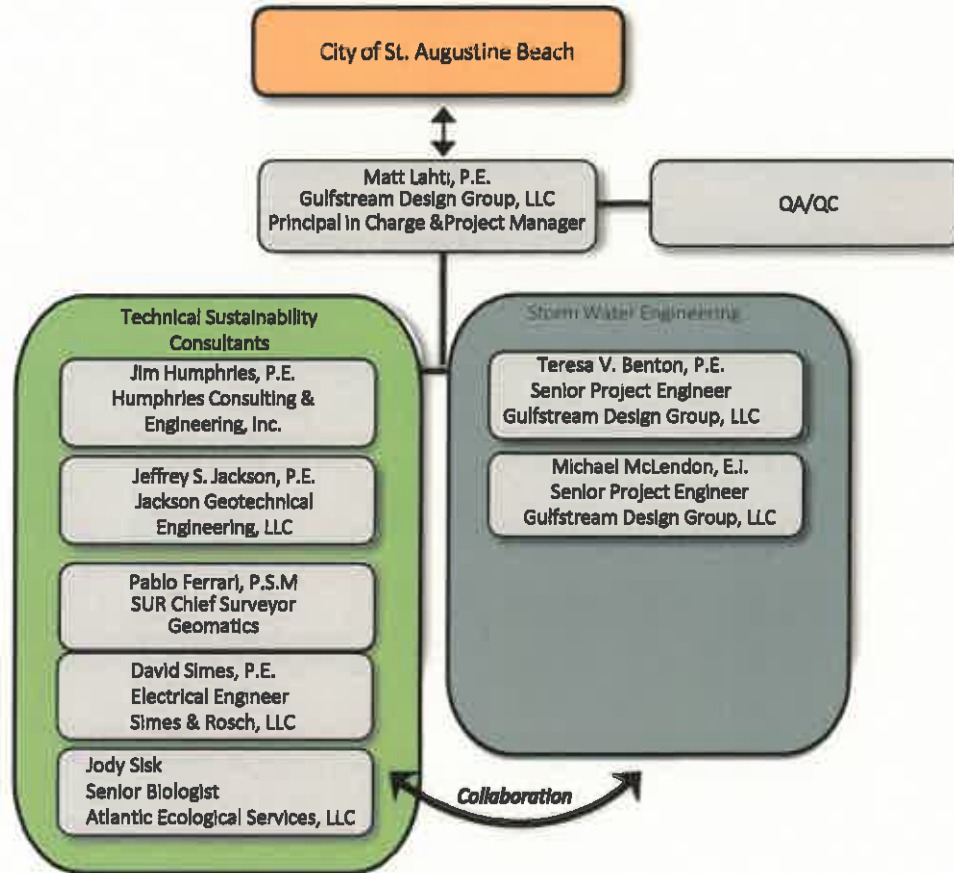
The offices of
Gulfstream Design Group, LLC



Matthew Lahti, P.E., LEED AP
President

As President of Gulfstream Design Group, LLC, I am authorized to act as the signing authority for all documents in reference to City of St. Augustine Beach 21-06 RFQ and acknowledge receipt of all addenda issued for the above referenced RFP

Organization Chart



Minimum Qualifications

- One Florida Licensed Professional Surveyor with at least 10 years of experience – Pablo Ferrari, P.S.M
- One Licensed Professional Engineer with at least 10 years of demonstratable experience in storm water master plan development – Matthew H. Lahti, P.E. and Teresa V. Benton, P.E.
- Stormwater and drainage engineering, including H&H modeling – Humphries Consulting & Engineering, Inc. | Gulfstream Design Group, LLC
- Permitting (SJRWMD, FDEP, FDOT, USACOE, EPA, etc) – Gulfstream Design Group, LLC
- Stormwater pump station design and permitting – Gulfstream Design Group, LLC
- Infiltration system design and permitting – Gulfstream Design Group, LLC | Jackson Geotechnical Engineering, LLC
- Geotechnical Engineering – Jackson Geotechnical Engineering, LLC
- Survey – Geomatics Corp.
- Utility Design – Gulfstream Design Group, LLC
- Roadway Design – Gulfstream Design Group, LLC
- Electrical Engineering – Simes & Rosch, LLC



Tab 2 | Project Approach

RFQ: 21-06



Introduction to Project Approach & Philosophy

Philosophy: Gulfstream Design Group, LLC (Gulfstream), headquartered just across the street from City of St. Augustine Beach Town-Hall on Anastasia Island, was founded in 2013 by Matthew H. Lahti, PE. Mr. Lahti, who will serve as Contract Manager, **was raised on Anastasia Island** and has been a licensed Professional Engineer since 2010. Through the course of his career, Matthew has worked on dozens drainage improvement plans across Northeast Florida for a wide range of public and private clients. **Gulfstream is a locally headquartered firm and we maintain a fully staffed office in St. Augustine; we take pride in our involvement in the growth of our community.** Since our founding Gulfstream has become a leader in both civil engineering and storm water design along North East Florida's coastal barrier islands.

Through years of experience, Mr. Lahti has gained a working knowledge of the local, state and federal regulations applicable in particular to Northeast Florida's First Coast (City of St. Augustine Beach, City of St. Augustine, St. Johns County). Gulfstream has implemented this knowledge into various projects including renovations of stormwater and flood management systems, having been lead project engineer and worked with members of our proposed design team under this RFQ for projects such as: Pelican Reef HOA Stormwater Master Planning, Indianhead Drainage Master Planning (+/- 1,200 acres), Avenue B Drainage Improvements (SJC), County Road 13 Drainage Improvements (SJC). Gulfstream has completed stormwater Master Planning and retrofitting's in various historical and coastal areas. In 2016 Gulfstream was contracted by Flagler County for stormwater master planning and as-built certifications at the 86 acre County Complex. Matt is adept at directing design teams and permitting process and regulatory interface with agencies such as SJRWMD, FDOT, FDEP, and the City of St. Augustine Beach on a regular basis.

Our design team has demonstrated and has relevant experience planning designing and overseeing construction of stormwater system master plans and stormwater maintenance improvements in the State of Florida. Gulfstream Design Group, LLC has specific knowledge of the rules and guidelines for permitting stormwater management systems and improvements with the St. Johns River Water Management District and have designed and permitted several projects covering thousands of acres with the SJRWMD. We specifically have great familiarity with the 2013 updated Applicants Handbook Volumes I & II and their permitting requirements under FS 62-330.010, as well as the City of St. Augustine Beach Land Development Code regarding drainage and stormwater management. Mr. Humphries has extensive knowledge of the procedures and requirements for development and improvement projects within designated FEMA Special Flood Hazard Areas and has consulted on over 200 projects in the Northeast Florida region. He has detailed knowledge of the National Flood Insurance Program regulation as outlined in the 44CFR, as well as familiarity with SJRWMD requirements under FS 62-330.010 for hydraulic modifications to natural and manmade stormwater conveyance systems.

For the initial work efforts, a two-pronged approach is anticipated, which will mirror the two primary types of storm water problems encountered within COSAB: **tidal surge flooding problems which are the result of high astronomical and storm tides; and rainfall-runoff flooding problems**, which are the results of excess precipitation and poorly constructed or naturally constrictive storm water systems & outfalls. The tidal surge levels are generally well documented by the FEMA, NOAA, and the US Army Corps of Engineers. The rainfall—runoff flooding problems will require development of numerical model with a general understanding of the areas to quantify proposed solutions. The design team will begin with the Florida Department of Emergency Management Digital Elevation Model (DEM) as an initial topographic model of the COSAB and the surrounding contributing watershed areas. The DEM will also be reviewed for any areas which need more topographic detail or refinement, as well as for any additional data available from the City into the overall DEM. The project surveyor (Geomatics) will then perform ground truth survey of the areas which require additional information.

This DEM will then be used to begin both the rainfall runoff and the tidal surge portions of the study. For the tidal surge study, the DEM will be used to map known astronomical high tide flooding levels, as well as the storm surge elevations predicted in the St. Johns County Flood Insurance Study. The mapping will then be used to quickly identify problem areas as well as to provide initial guidance to potential storm surge protection solutions. The tidal surge mapping can also be supplemented with predicted sea level changes to produce additional maps and flood hazard identification. This will also allow the design team to begin immediate evaluation of the Level of Service (LOS) deficiencies as related to tidal surge flooding and to begin development of a CIP and O&M procedures.

For the rainfall-runoff study, the DEM will be used to delineate rough watershed divides in GIS in the areas to update or expand the Storm water Study for runoff studies. In parallel with setting up the topographic information based upon St. Johns County DEM and initial watershed delineation, the study team will also identify any known drainage and flooding problems areas based upon a review of the 2004 master plan so that those specific areas of interest can be added to the study. The design team will also want to interview stakeholders in the city to provide the design team with their "boots on the ground" experiences.

As an initial QA/QC (Quality Assurance/Quality Control) of the watershed delineations, the study team will set up a rough hydraulic network of ICPR/SWMM/HEC-RAS nodes and streamlines, taking into account the data gathering for known problem areas from review of the 2004 master plan as well as the Part of this process will also be reviewing the DEM for the problem areas and for other areas of interest to determine how much additional survey data is needed, and how much of the hydraulic model can be populated with DEM.

The next step will be for the design team will make field visits to QA/QC the rough watersheds and hydraulic networks as part of the Storm Water Master Planning process. This reconnaissance will identify additional details needed in both the watershed delineations and the hydraulic network details, and ensure that for specific problem areas and master plan areas are accurately represented both the GIS and the numerical model. This method will also further assist to delineate the watersheds appropriately for the hydraulic network. Because the hydraulic results are the design team's ultimate interest, the hydrology will be tailored for the hydraulic network in order to produce the most satisfactory and realistic results possible. Often, traditional study methods delineate watersheds only once, which can ignore important features of the hydraulic network and produce unrealistic results. As part of the QA/QC the study team will also assign the Peak Rate Factor (PRF) and to assign a hydrologic unit grouping ID for each watershed. The design team will also dialogue with the City as to their Level of Service expectations and incorporate that into the hydraulic network GIS.

Proactive stormwater infrastructure plans and improvements, as well as floodplain management strategies, will help reduce the damage to historic and non-historic coastal development as well as coastal ecosystems from future flooding and sea level rise. As part of the new Storm Water Master design Plan, the team will conduct a careful assessment of potential sea level rise risk, and consider a variety of strategies address flooding stormwater taking cues to future and issues, from other municipalities that are currently working to address these issues. The design team can also conduct a GIS-based assessment of significant floodplains and areas important for surface and groundwater resources where impacts from future development should be mitigated.

Project Understanding: Our unique local approach will seek to address the traditional stormwater planning aspect of this project, while adding elements of sustainability and seal level rise resilience as core tenants of the design. In many ways, the stormwater dynamics of the City of St. Augustine Beach, especially in the historic beachfront community, are similar to those of other historic communities along the Northeast Florida coast where Gulfstream has developed a progressive method to deal with and accommodate stormwater through on-site treatment, bioretention, and pervious paving, in addition to traditional stormwater treatment and conveyance systems.

General Approach to Stormwater Master Plan Preparation

Gulfstream Design Group, LLC's approach to each project begins with a commitment to our client, in this case, to the City of St. Augustine Beach to provide excellent service that begins and ends with our availability, flexibility, dependability and attentiveness. Our experience has taught us that whether the project is simple or complex, there are many specific details that must be noted and reflected in the final product. These details range from design and permitting conflicts which arise with local government and regulatory agencies, in addition to in-house communication amongst the design team.

These qualities above are a strong part of the corporate culture at Gulfstream Design Group and will be a major factor in the success of our approach to your projects. We are grateful for the successful work accomplished with cities and counties, as well as institutional, educational and other local agencies located throughout Northeast Florida.

Our methodology is to ensure we have a clear understanding of the project which means field reviews, coordination with stakeholders, contractors and utility service providers when necessary.

This will begin with a project kick-off meeting between Gulfstream and applicable City staff and local stakeholders to develop the scope and discuss the initial framework for the Stormwater Master Plan. This meeting will outline all potential hurdles and address any data collection requirements prior to the beginning of design.

Oftentimes, that discussion will take place simultaneously with production because of time limits or conflicts. When it comes to production, we typically review the project and approach it from two levels: 1. Identify unique issues which may include drainage, ineffective structures, sensitive environmental issues, or other special or outstanding issues, and 2. Identify those issues that are common to this project from the 2004 Storm Water Master Plan and Vulnerability study prepared by CMT so that we can quickly begin the 2022 City of St. Augustine Beach Storm Water Master Plan production and all its other associated tasks.

A thorough review of each project enables our team to investigate and strategize how to resolve and address the ordinary as well as the extraordinary.

Quality Assurance and Quality Control (QA/QC)

Specifically, the Gulfstream Design Group QA/QC Plan ensures all drawings and specifications undergo several phases of review throughout the project's design. A minimum of three reviews are performed prior to any 100% drawings being issued for construction. Gulfstream Design Group requires quality control reviews to be performed initially by the designer and any applicable team members. Prior to being submitted, the project is evaluated through a final review and discussion with Matt Lahti, P.E., and the Project Manager.

Experience has shown, truly understanding the meaning and importance behind the principles of Quality Assurance and Quality Control is the most critical, and often misunderstood, aspect of the entire design development process.

Gulfstream Design Group ensures the following notable tasks and efforts will be included in the QA/QC Plan and delivered in the design development phase of all projects completed for the City.

Quality Assurance (QA) refers to the certainty that design development services meet the requirements for quality through effective process management. The objective of quality assurance is the continual improvement of the deliverable process to enhance quality and client satisfaction. Essentially, quality assurance describes the process of enforcing quality control standards. Quality assurance should function as a non-present voice for the customer who expects a certain level of quality in the end product.

Quality Control (QC) refers to the operational activities put in place to control the quality of a product or service. Quality control procedures, if understood and followed correctly, ensure that the work is completed correctly the first time. Essentially, QA is what is done to ensure a QC program is effective and provides feedback upon which further development of the QC program can be implemented.

Plan Review

A project schedule will be developed by the Project Manager and distributed to every person on the project team. This schedule will include the major submittal dates and the QA/QC review dates. These reviews will typically take place two weeks prior to the following major milestones/submittals (components of plan production schedule will be agreed upon at the project kickoff meeting by the project manager and City staff):

- 50% Submittal
- 90% Submittal
- 100% Submittal

A two-week review period will allow for up to one week for review and discussion and one week for redlines to be corrected and the plans plotted for submittal. The Project Manager will be responsible for enforcing the timelines to assure that the quality reviews take place.

Design Team Coordination and Weekly Meetings

Under the scope of this contract, Gulfstream staff will conduct and manage weekly meetings, and organize monthly progress reports to ensure the projects maintain a path forward and fit the schedule of the contract. Gulfstream has a multitude of experience in directing complete design team meetings, and coordinating schedules and deliverable tracking/finalization. Meetings may be utilized to properly "kick-off" a project, track progress of design team deliverables, update City staff on project timelines.

Control of Project Schedule

We understand how critical schedule is to Capital Improvements Projects. A comprehensive project schedule will be developed for each project assigned to Gulfstream, to ensure that all project issues are identified at the onset. Maintaining a project on schedule begins with understanding the key issues that drive it and developing contingency plans to control it. The following are some of the ways we propose to control the project schedule:

- Understanding Scope of Services ensures schedule is set up correctly to begin with.
- Commence Design and R/W Survey As soon as possible after receipt of NTP.
- Assignment of our surveying sub consultant to coordinate all survey tasks ensuring a consistent and quality survey product delivered to the City on time.
- **Weekly coordination and meetings with City Staff.** Long working relationship enables us to understand their process.
- Accelerate activities not required initially to compensate for unforeseen delays later on.
- Meet with key County staff ahead of time for consensus on key project issues.
- Pro-active Project Management Plan
- Allow for proper QA/QC time.
- Regular team meetings.
- Streamlining –utilize monthly Progress Meetings with City staff.
- Utility coordination – design ticket, as-builts, designates & verification – early communication to utilities
- Permitting – early start through Pre-Application Meetings
- Multi-discipline – understands the progression of work

Innovated Control of Project Budget

Controlling the project budget whether in design or construction is ultimately affected by controlling the project schedule. Therefore, accomplishing all of the tasks described above is the first step to controlling the budget. Other measures include:

- Identifying cost savings measures at the onset of the project and reviewing the Long range Estimates (LRE) vs. estimated costs early and at milestone submittals. This allows for sufficient time to make design changes and stay within budget.
- Maximizing the use of existing structures to reduce reconstruction requirements.
- Early Public Involvement. Early commitment from the affected parties (stakeholders) will ensure an expedited project schedule.
- Innovative designs – Our team will identify several design solutions that can reduce the construction cost.
- Eliminating conflicts where possible

Meeting Design Standards

Gulfstream utilizes design standards, codes and other regulatory direction to accomplish design excellence, including current editions of the Florida Department of Transportation Plans Preparation Manual, Florida Department of Environmental Protection Design Criteria, St. Johns River Water Management District regulations for projects with less than one acre of wetland impact and subject to review by FDEP, the National Pollution Discharge Elimination System (NPDES) which is regulated by FDEP, and plan development based on the Stormwater Pollution Prevention Plan (SWPPP). Each project is different and subject to St. Johns County as well as other regulatory agency requirements. Our team is also well versed with the various Utility agencies and Authorities in the region, which are often different from project to project including: St. Johns County Utility Department, City of St. Augustine Utility Department, Jacksonville Electric Authority, North Beach Utilities, City of Palm Coast Utilities.

Public Involvement

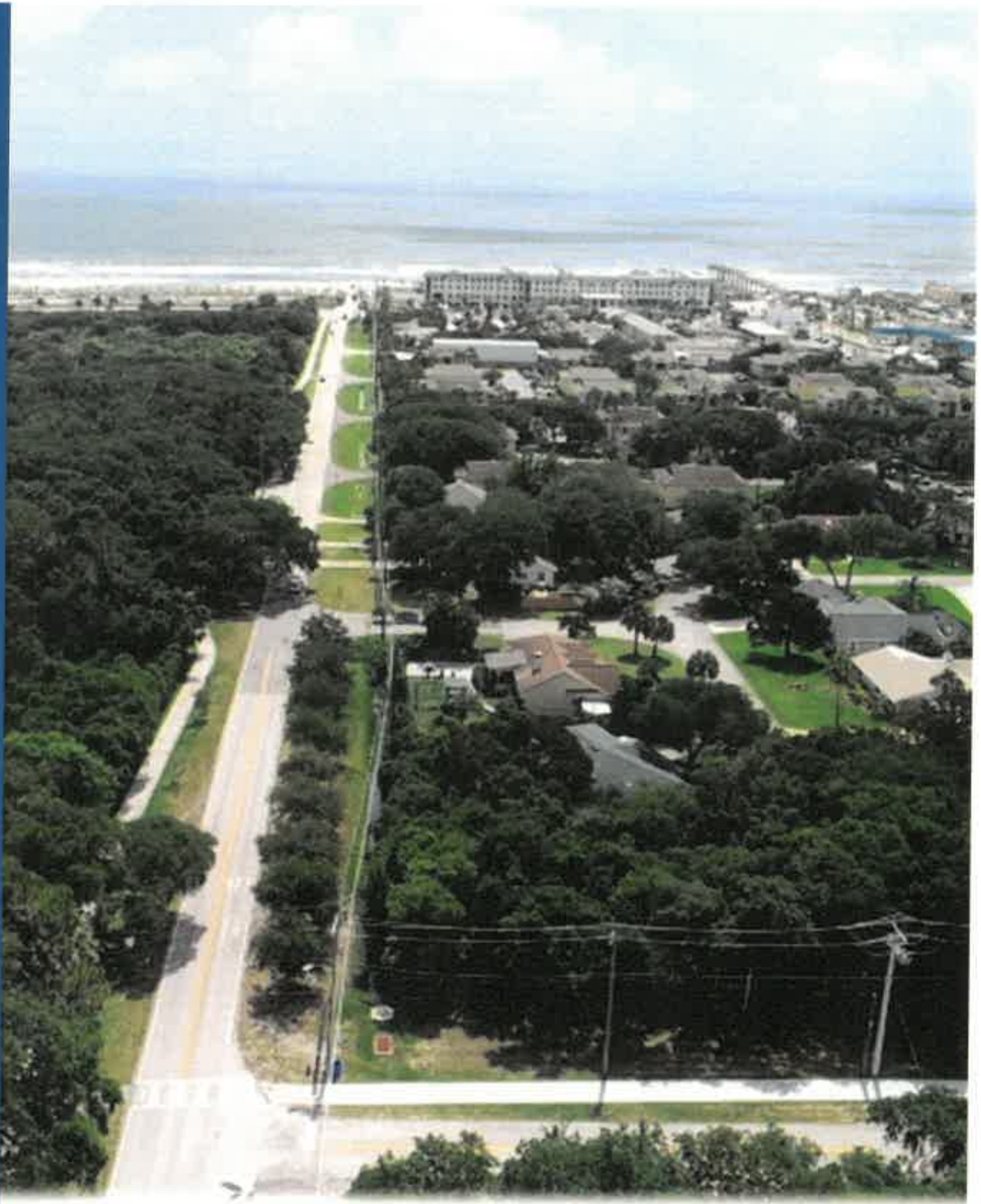
Community Engagement Methods have become a well-practiced and executed tool by members of Gulfstream Design Group and the sub consultant team through their personal experience. We are familiar with directing public projects and possess the ability to identify potential conflicts before they occur through effective communication and problem solving before the question ever becomes a problem or an issue. The personnel behind this project are trained in conflict resolution and consensus building techniques. Our goal will be to create projects that are mutually acceptable to all key parties including community representatives, staff and government officials.

Software Analysis and Onsite Programs/Resources

Gulfstream's office and team members as part of this proposal possess the capabilities to leverage our technology to reach a projects full potential. We maintain a fully supplied office that includes over 15 onsite computers, and operators to employ programs such as:

- Microsoft Office
 - Word
 - Excel
 - PowerPoint
 - Teams
 - Projects
- AutoCAD 2020
- AutoCAD Civil 3D 2020
 - ICPR 3
 - ICPR 4
 - HEC-RAS
 - HY-8
- Arc GIS – Mapping/GIS Services
 - Adobe Acrobat
 - Google Earth
 - EPANET
- Phantom IV Drone by DJI





Tab 3 | Relevant Projects Summary

RFQ: 21-06



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 1
21. TITLE AND LOCATION Indianhead Drainage Master Plan	22. YEAR COMPLETED PROFESSIONAL SERVICES 2020 CONSTRUCTION (If applicable) Forthcoming	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Indianhead Biomass Services, LLC	b. POINT OF CONTACT NAME Joeseeph Williams	c. POINT OF CONTACT TELEPHONE NUMBER 904-806-0187
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Estimated Cost to Construct: \$10 Million

Gulfstream Design Group and our team was hired to perform Due Diligence, Drainage Master Planning Services, and Land Planning Services (Comprehensive Plan Amendment, and Rezoning) for several parcels in the St. Johns County area which are part of a commercial, industrial, and agricultural development.

Gulfstream has continued to perform in depth document research via public records research, and via items provided by the perspective land owners, and has analyzed previously issued SJRWMD, St. Johns County, FDEP permits for the sited which consist of over 1,200 acres. Gulfstream compiled a diligence report for the project and supporting in-house information which included conceptual layouts for the Industrial, Commercial, and Agricultural aspects of the project. The Conceptual Master Plans ultimately evaluated the site's drainage and stormwater management systems, environmental impacts (wetland), FEMA Flood Plain Impacts, Compensating Storage Mitigation, and overall site viability based on preliminary cost determinations prepared by Gulfstream.

Gulfstream additionally has performed diligent research on the parcels and their adjacent properties, and has lead the land planning process in an additional effort to master the understanding of the project sites through team and public involvement.

Gulfstream is currently managing a project team of Environmental Engineers, Geotechnical Engineers, Traffic Engineers, Surveyors, Flood Plain Engineers, and property owners on behalf of the developer.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. (1) FIRM NAME Gulfstream Design Group, LLC	(2) FIRM LOCATION (City and State) St. Augustine, FL	(3) ROLE Civil Engineer, Land Planner, PM
b. (1) FIRM NAME Geomatics	(2) FIRM LOCATION (City and State) St. Augustine, FL	(3) ROLE Surveyor
c. (1) FIRM NAME Jackson Geotechnical	(2) FIRM LOCATION (City and State) St. Augustine, FL	(3) ROLE Geotechnical Engineer
d. (1) FIRM NAME Humphries Engineering	(2) FIRM LOCATION (City and State) St. Augustine, FL	(3) ROLE Flood Plain Engineer
e. (1) FIRM NAME Atlantic Ecological Services	(2) FIRM LOCATION (City and State) St. Augustine, FL	(3) ROLE Environmental Engineer
f. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 2
21. TITLE AND LOCATION Colbert Landings, Palm Coast, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) 2022
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Geosam Capital US (Florida), LLC	b. POINT OF CONTACT NAME Martin Pham	c. POINT OF CONTACT TELEPHONE NUMBER 386.428.8448
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

Cost to Construct: \$15 Million

Gulfstream was hired to provide a Full scale set of Master Plans for a single-family residential subdivision in Palm Coast, Florida, as well as Flood Plane consultation in conjunction with Mr. Jim Humphries. Matt Lahti, P.E., prepared drainage master plans and calculations for the entirety of the development. Gulfstream has undertaken the role of project manager and has coordinated between all appropriate entities to ensure that the Drainage and Grading master plan for the 486 lot sub-division, coupled with the FEMA Flood Plain modeling, as well as Compensating Storage design will be delivered in accordance with all applicable agency codes, including FDEP, SJRWMD, COPC, and Flagler County.

This project is relevant to this contract as it highlights Gulfstream's work in the master planning of all facets needed to meet permit requirements in a development of a vegetated site to implement the master plan for construction.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME Gulfstream Design Group, LLC	(2) FIRM LOCATION <i>(City and State)</i> St. Augustine, FL	(3) ROLE Civil Engineer
b. (1) FIRM NAME Jackson Geotechnical	(2) FIRM LOCATION <i>(City and State)</i> St. Augustine, FL	(3) ROLE Geotechnical Engineer
c. (1) FIRM NAME Humphries Engineering	(2) FIRM LOCATION <i>(City and State)</i> St. Augustine	(3) ROLE Flood Plain Engineer
d. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 3
21. TITLE AND LOCATION North Second Street Drainage Evaluation	22. YEAR COMPLETED PROFESSIONAL SERVICES 2021 CONSTRUCTION (if applicable) N/A	
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Saint Johns County	b. POINT OF CONTACT NAME John Burnham	c. POINT OF CONTACT TELEPHONE NUMBER (904) 209-0266
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

North 2nd Street Drainage Evaluation | \$613,871.00 (estimate) | 2.64 Acres

Gulfstream Design Group was hired by St. Johns County to review the previous drainage master plan prepared by Ayres and implement remedial drainage improvements and Construction plans for a subdivision of St Johns County Right-of-Way. This property is located north of State Road 16, and south of the Heritage Park Subdivision and needed a drainage collection system designed to assist with the future capital improvement planning. The design included maintenance and the conversion of open swales to piped drainage. Preparation of a Conceptual Drainage Plan, attending Pre-Application meetings with Saint Johns River Water Management District for permit coordination, and providing St Johns County with an engineer's Opinion of Probable Cost were a part of the scope. Gulfstream was also tasked with coordinating with the project surveyor, and providing scope/project limits. All coordinations are necessary to review the plan for compliance with applicable regulatory agency requirements.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME Gulfstream Design Group	(2) FIRM LOCATION (City and State) Saint Augustine, Florida	(3) ROLE Civil engineering
b. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 4
21. TITLE AND LOCATION Avenue B Drainage St Augustine, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable) N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Saint Johns County	b. POINT OF CONTACT NAME Douglas Tarbox	c. POINT OF CONTACT TELEPHONE NUMBER (904) 209-0124
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

Avenue B Drainage Evaluation | \$300,000 | 2.25 Acres

Gulfstream Design Group has been hired by Saint Johns County to design drainage improvements within the existing Saint John's County Right-of-Way, located west of US1. Gulfstream has coordinated Utility Notifications to franchise utilities, prepared Cost Estimates to assist with Capital improvement project planning for Saint Johns Count Public Works, and prepared maintenance plans to repair damaged infrastructure and alleviate the existing drainage problems. This plan included the upgrading of existing inlets and pipe structures, while working around the existing utilities above and below ground. Gulfstream also coordinated with Saint Johns River Water Management District for a pre-application meeting to determine whether the project was exempt due to safety improvements.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME Gulfstream Design Group, LLC	(2) FIRM LOCATION <i>(City and State)</i> Saint Augustine Beach, Florida	(3) ROLE Civil engineering
b. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 5
21. TITLE AND LOCATION iDeal Aluminum	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2021	CONSTRUCTION (if applicable) 2022
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER iDeal Aluminum	b. POINT OF CONTACT NAME Doug Brady	c. POINT OF CONTACT TELEPHONE NUMBER (386) 624-8878
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

Ideal Aluminum | \$1.8 Million (estimated) | 28.58 Acres

Gulfstream Design Group has been hired by iDeal Aluminum to prepare engineered Master Plans, Cost estimates, and Construction administration work for a project located North of State Road 16. Gulfstream was also responsible for inter-agency coordination with franchise utilities, subconsultants for geotechnical engineering, and the Saint Johns River Management District to perform wetland impacts. Gulfstream designed a **stormwater lift station** to solve the existing drainage problem for the current site. For construction administration, Gulfstream, has conducted multiple site visit inspections, shop drawing reviews, and pay-applications to help maintain a professional construction process.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME Gulfstream Design Group, LLC	(2) FIRM LOCATION (City and State) Saint Augustine, Florida	(3) ROLE Civil engineering
b. (1) FIRM NAME Jackson Geotechnical Engineering	(2) FIRM LOCATION (City and State) Saint Augustine, Florida	(3) ROLE Geotechnical Engineering
c. (1) FIRM NAME Atlantic Ecological Services	(2) FIRM LOCATION (City and State) Saint Augustine, Florida	(3) ROLE Environmental Engineering
d. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 6
21. TITLE AND LOCATION Villages West Regional Park St Augustine, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2021	CONSTRUCTION (if applicable)
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Saint Johns County	b. POINT OF CONTACT NAME Jason McKay	c. POINT OF CONTACT TELEPHONE NUMBER (904) 209-0192
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

Villages West Regional Park | \$6.5 Million (estimate) | 20 Acres

Gulfstream Design Group has been hired by Saint Johns County to prepare engineered Plans for the expansion of a turnlane on State Road 16 and driveway entry. Gulfstream was also contracted to prepare Cost Estimates and to perform design team management for the entire regional park. Gulfstream has also coordinated with an environmental engineering firm for wetland mitigation, a local geotechnical engineer, and an architect for the design of the park structures. Gulfstream performed cut and fill analysis to get a better estimate for cost. Gulfstream has also provided Bidding Plans to assist St. Johns County with bidding. Permit coordination has also been provided by Gulfstream, including Florida Department Of Transportation drainage and driveway submittals, and filing for an exemption through the Saint Johns River Water Management District.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME Gulfstream Design Group, LLC	(2) FIRM LOCATION <i>(City and State)</i> Saint Augustine Beach, Florida	(3) ROLE Civil engineering
b. (1) FIRM NAME Jackson Geotechnical Engineering	(2) FIRM LOCATION <i>(City and State)</i> Saint Augustine, Florida	(3) ROLE Geotechnical engineering
c. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 7
21. TITLE AND LOCATION Oare Conceptual Drainage Master Plan (COPC and City of Bunnell)	22. YEAR COMPLETED PROFESSIONAL SERVICES 2020-2021 CONSTRUCTION (if applicable) N/A	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Geosam Capital US (Florida), LLC	b. POINT OF CONTACT NAME Martin Pham	c. POINT OF CONTACT TELEPHONE NUMBER 386.428.8448
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Cost to Construct Estimated = \$18 Million

Gulfstream Design Group was hired to perform Due Diligence and Conceptual Master Planning Services for several parcels in the Flagler County area which were located in the City of Palm Coast and the City of Bunnell. Gulfstream performed in depth document research via public records, and via items provided by the perspective land buyer, and analyzed previously issued SJRWMD, COPC, COB, Flagler County, and FEMA permits for the site which consisted of over 1,000 acres.

Gulfstream compiled a diligence report for the project and supporting in-house information which included conceptual layouts for Single-Family, Multi-Family and Commercial aspects of the project. The Conceptual Master Plans ultimately evaluated the site's drainage and stormwater management systems, environmental impacts, FEMA Flood Plain Impacts, Compensating Storage Mitigation, and overall site viability based on preliminary cost determinations prepared by Gulfstream.

Gulfstream managed a project team of Geotechnical Engineers, Flood Plain Engineers, Architects, and Surveyors on behalf of the perspective ownership group.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Gulfstream Design Group, LLC	(2) FIRM LOCATION (City and State) St. Augustine, FL	(3) ROLE Civil Engineer, Land Planner, PM
b.	(1) FIRM NAME Jackson Geotechnical	(2) FIRM LOCATION (City and State) St. Augustine, FL	(3) ROLE Geotechnical Engineer
c.	(1) FIRM NAME Humphries Engineering	(2) FIRM LOCATION (City and State) St. Augustine, FL	(3) ROLE Flood Plain Engineer
d.	(1) FIRM NAME Atlantic Ecological Engineering	(2) FIRM LOCATION (City and State) St. Augustine, FL	(3) ROLE Environmental Engineer
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 8
21. TITLE AND LOCATION (City and State) Ocean Hammock Park St. Augustine, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2021	CONSTRUCTION (if applicable) N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of St. Augustine Beach	b. POINT OF CONTACT NAME Bill Tredik, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (904) 471-1119
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

Ocean Hammock Park | \$750,000 | 11.4 Acres

The client hired Gulfstream Design Group to perform engineering analysis and prepare project construction plans and specifications for Ocean Hammock Park Phase 2 as detailed in the Client's Coastal Partnership Initiative (CPI); including a 400-600 sf pavilion, accessible nature trail/walkway from Phase 1 to the park interior and tying in to the existing beach boardwalk (including elevated portions over wetland and/or protected areas), nature trails with interpretative signage, a children's playscape, picnic pavilion, observation platform, and education area informational kiosk, benches, bike racks, canoe/kayak storage facilities, and dune and wetland restoration on the property (the "Project"). Gulfstream provided design team management of local subconsultants such as Geomatics Corp. and Jackson Geotechnical Engineering, to perform services for surveying and geotechnical engineering. As well as coordinating with the Saint Johns River Water Management District through meetings to obtain an Environmental Resource Permit for this project. Gulfstream has also performed an engineer's opinion of probable cost, to provide the client with an estimate for the total cost of construction. Gulfstream also hosted a public involvement meeting, where adjacent property owners could participate in a presentation of the project and provide Gulfstream with any comments or questions about the project.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME Gulfstream Design Group, LLC	(2) FIRM LOCATION (City and State) Saint Augustine Beach, Florida	(3) ROLE Civil Engineering
b. (1) FIRM NAME Geomatics Corp	(2) FIRM LOCATION (City and State) Saint Augustine, Florida	(3) ROLE Survey
c. (1) FIRM NAME Jackson Geotechnical Engineering	(2) FIRM LOCATION (City and State) Saint Augustine, Florida	(3) ROLE Geotechnical Engineering
d. (1) FIRM NAME Atlantic Ecological Services	(2) FIRM LOCATION (City and State) Saint Austine, Florida	(3) ROLE Environmental Engineering
e. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 9
21. TITLE AND LOCATION St. Marks Pond Drainage Master Plan	22. YEAR COMPLETED PROFESSIONAL SERVICES 2020-Ongoing CONSTRUCTION (if applicable) Forthcoming	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER St. Marks Pond, LLC	b. POINT OF CONTACT NAME Dan Hill	c. POINT OF CONTACT TELEPHONE NUMBER 574-339-7538
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Estimated Cost to Construct: \$3.5 Million

Gulfstream is contracted with St. Marks Pond, LLC and has undertaken the task of Master Planning the drainage system and additional civil infrastructure for a 248 Industrial Subdivision in an area allocated with a Future Land Use of Industrial in St. Johns County.

Gulfstream to date has been responsible for rezoning the parcel at the owners request, and has finalized a master plan with preliminary engineering completed. The project is substantial in size and has required Gulfstream and other design team members to leverage onsite technology to model the Stormwater and interconnected pond systems onsite, evaluate site specific Flood Plain data, coordinating and collecting additional survey data onsite, and modeling the site Hydraulic Grade Line, Piping Hydraulics, as well as coordinating a vehicular and pedestrian access with adjacent property owner.

Gulfstream has been the lead project manager for a design team consisting of: Geotechnical Engineers, Flood Plain Engineers, Surveyors, Environmental Engineers. Gulfstream has additionally lead the permitting effort on all fronts, regularly engaging agency staff (FDEP, SJRWMD, SJC) from the inception of the project to verify all permitting parameters due to nearby wetland systems, and ensuring correspondence with the agencies has been well documented and vetted with senior level staff.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Gulfstream Design Group, LLC	(2) FIRM LOCATION <i>(City and State)</i> St. Augustine, FL	(3) ROLE Civil Engineer, Land Planner, PM
b.	(1) FIRM NAME Jackson Geotechnical	(2) FIRM LOCATION <i>(City and State)</i> St. Augustine, FL	(3) ROLE Geotechnical Engineer
c.	(1) FIRM NAME Humphries Engineering	(2) FIRM LOCATION <i>(City and State)</i> St. Augustine, FL	(3) ROLE Flood Plain Engineer
d.	(1) FIRM NAME Atlantic Ecological Services	(2) FIRM LOCATION <i>(City and State)</i> St. Augustine, FL	(3) ROLE Environmental Engineer
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 10
21. TITLE AND LOCATION Marineland Master Plan, Town of Marineland, FL	22. YEAR COMPLETED 2016 N/A	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Jacoby Development, Inc.	b. POINT OF CONTACT NAME Jim Jacoby	c. POINT OF CONTACT TELEPHONE NUMBER 770-399-9930
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Client: Jacoby Development, Inc.
 Address: 8200 Roberts Drive, Suite 200, Atlanta, GA 30350
 Phone: 770-399-9930
 Location of Project: Town of Marineland, FL
 Design Professionals: Gulfstream Design Group, LLC
 Total Fees Paid to Gulfstream: \$12,000.00
 Total Estimated Cost: \$3,500,000.00
 Total Actual Cost: Unknown

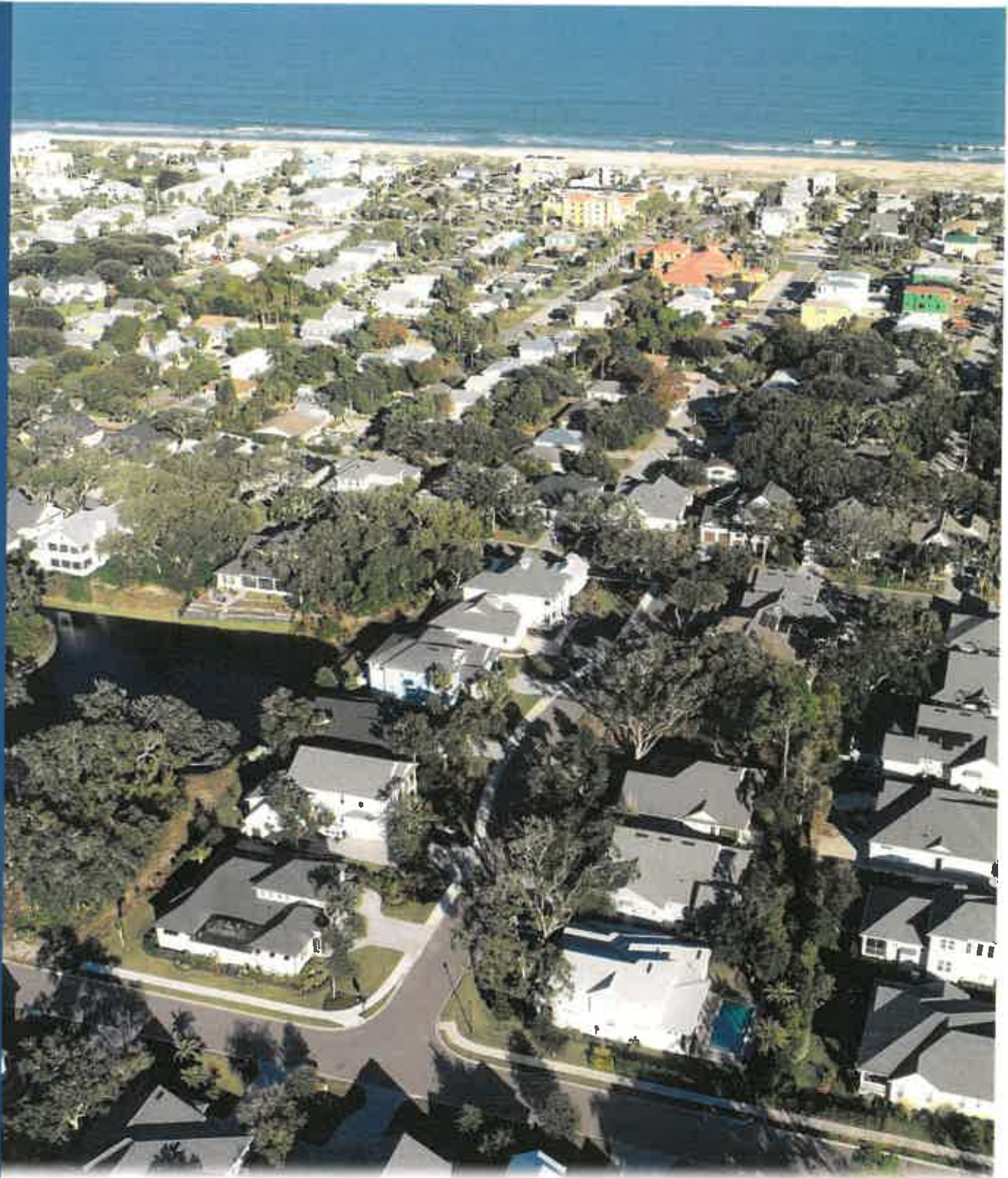
Gulfstream was engaged by Jacoby Development, LLC, to prepare engineered Master Plans, Cost Estimates and permit schedules for a mixed use development of the 38.5 acre Town of Marineland, Florida, and its existing facilities. As part of the initial diligence efforts, Gulfstream performed a comprehensive review of Land Development Code. Gulfstream was also responsible for inter-agency coordination with utility, stormwater and right-of-way improvements as well as finalization of stormwater Master Plans. Gulfstream worked to generate land use Master Plans and then Water and Wastewater flow generator rates to determine estimated pipe sizes, Master Lift Stations, and water layouts for the existing facilities and new development program proposed for the site. Gulfstream facilitated the planning aspect of this project alongside a thorough review of the Comprehensive Plan to ensure that the future development would meet the goals of the Town of Marineland.

Gulfstream worked with various adjacent franchise utility companies, the City of Palm Coast and St. Johns County to determine the most feasible connection locations for the proposed development. Gulfstream prepared preliminary Opinions of Cost for the project.

This project is relevant to the contract because it highlights Gulfstream's ability to perform Master Planning services for stormwater, potable water and wastewater systems and also cost estimates and development schedule planning.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Gulfstream Design Group, LLC	(2) FIRM LOCATION (City and State) St. Augustine, FL	(3) ROLE Civil Engineer, Land Planner
b.	(1) FIRM NAME Atlantic Ecological Services	(2) FIRM LOCATION (City and State) St. Augustine, FL	(3) ROLE Environmental Engineering
c.			
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE



Tab 4 | Team Resumes

RFQ: 21-06



MATTHEW LAHTI, P.E.

President and Principal-in-charge



EDUCATION AND REGISTRATIONS

- Bachelor of Science, Civil Engineering (Michigan Technological University, December 2004)
- Leadership in Energy and Environmental Design Accredited Professional, LEEP A.P.
- Florida Registered Professional Engineer, License No. 71395
- ACEC Pathways to Executive Leadership
- Allen D. Nease High School – Stellar Academy of Engineering Advisory Board Member
- CSI Member No. 2152992

BACKGROUND

A Florida Licensed Engineer, Matt has been practicing stormwater design in Northeast Florida for nearly two decades and interacting with many of the area's most well-known regulatory agencies including the St. Johns River Water Management District, the Florida Department of Transportation, Florida Department of Environmental Protection, and dozens of local county and city municipalities. Paired with extensive experience managing projects from conceptualization to construction administration, Matt uses his strong communication and project management skills to continually deliver on his commitment to client satisfaction and successful projects. Matt is a code-oriented designer who always keeps cost and time in the front of his mind when tackling a new project. Always staying focused on providing a quality product that meets clients' needs both financially and physically. Matt understands that the schedule is of equal importance as the budget. The experience gained through working for both public and private clients, as well as managing numerous projects which require public involvement and stakeholder awareness, brings a unique perspective to the design and a recipe for success. Matt and the Gulfstream Design team can provide the City of St. Augustine Beach the level of service that the Stormwater Master Plan Update, RFQ 21-06 will require.

Republic Services – St. Marks Pond Boulevard C and D Landfill, St. Johns County, FL 2018

As Project Manager, Gulfstream Design Group, LLC. (GDG) provided civil site design, permitting assistance within St. Johns County, and field design of landfill cells, the yard waste processing area (YWPA), scale house, and two-mile access road. Lead the construction administration and site observations for project. Site included the installation of a leachate storage tank, with a pump and secondarily contained leachate main over 9,000 linear feet in length. GDG developed field adjustments with site contractors and permit regulators. This \$20 M project was a fast-tracked design, where GDG acted as **civil Engineer of Record and Construction Management** of the project. GDG was the project interface with project had site permitting requirements in the St. Johns County (SJC), St. Johns County Health Department (SJCHD), St. Johns County Utility Department (SJCUD), Jacksonville Electric Authority (JEA), and Florida Department of Environmental Protection (FDEP), for water, wastewater, and stormwater connections.

PROJECT EXPERIENCE

- Northrop Grumman Hawkeye Manufacturing Facility - St. Augustine, FL
- Indianhead Biomass Drainage Master Plan – St. Augustine, FL
- Ideal Aluminum Expansion – St. Johns County, FL
- Oare Conceptual Drainage Master Plan, -Bunnell, FL
- Colbert Landings Drainage Master Plan, City of Palm Coast, FL

NOTABLE PERSONAL PROJECT EXPERIENCE

Teresa V. Benton, P.E.

Senior Project Engineer



EDUCATION AND REGISTRATIONS

- Bachelors of Science, Environmental Engineering (University of North Florida, Graduated 1996)
- Florida Registered Professional Engineer, License No. PE #56987

BACKGROUND

A Florida Licensed Engineer, Teresa graduated from the University of Northeast Florida with honors in Environmental Engineering. After an initial position with the Florida Department of environmental Protections Industrial Wastewater Compliance Division, Ms. Benton steered her focus on civil engineering at the St Johns County Engineering Division where she oversaw several capital improvement projects including several key traffic intersections and multiple drainage problems throughout St. Johns County. Ms. Benton then found a position in the private sector, working with Gulfstream Design Group, where she has been for the last 6 + years. The range of projects she has designed and permitted varies from residential subdivisions to multiple commercial and industrial developments.

PROJECT EXPERIENCE

Teresa is responsible for Gulfstream's Stormwater Quality Assurance and Quality Control, and Technical Development Program. The QA/QC Plan ensures all drawings and stormwater models undergo several phases of review throughout the project's design. A minimum of three reviews are performed prior to anything being issues for public review. Gulfstream Design Group required quality control reviews to be performed initially by the designer and/or subconsultant themselves prior to being submitted to Gulfstream Design Group for a final review and discussion with Matthew Lahti, P.E., the Project Manager. She has over 20 years of experience in Civil Engineering, Land Developments, and Hydraulic Analysis. Teresa is highly diligent in the developments of her Stormwater designs, and the quality control which she is responsible for internally at Gulfstream.

NOTABLE PERSONAL PROJECT EXPERIENCE

- Colbert Landings Drainage Master Plan, Flagler County, FL - Project Engineer
- Mussallem Beach Front Park, Vilano Beach, FL – Project Engineer
- North Beach Park, Vilano Beach, FL – Engineer of Record
- St. Johns County Fire Department Pole Barn, St. Johns County, FL-Project Engineer
- Flagler County – Flagler County, FL – Project Engineer



Ron DeSantis, Governor



STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

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

LAHTI, MATTHEW HENRY

404 SHORE DRIVE
SAINT AUGUSTINE FL 32086

LICENSE NUMBER: PE71395

EXPIRATION DATE: FEBRUARY 28, 2023

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Ron DeSantis, Governor



STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

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

BENTON, TERESA VALDESPINO

6825 SEA COVE AVENUE WEST
SAINT AUGUSTINE FL 32086

LICENSE NUMBER: PE56987

EXPIRATION DATE: FEBRUARY 28, 2023

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Michael D. McLendon, E.I.

Senior Project Engineer



EDUCATION AND REGISTRATIONS

- Bachelors of Science, Civil Engineering (University of Florida, 2004)

BACKGROUND

As Florida Engineering Intern, Michael graduated from the University of Florida College of Civil Engineering with a focus on water resources and ground water hydraulics. Michael has practiced civil engineering since 2004. As a private sector project engineer Michael assisted in the design and construction management of numerous commercial, residential developments and PUDs. Michael practiced in the private sector until 2014 when he joined the City of St. Augustine Public Works Department as Lead Engineering Construction Inspector. Michael provided field support and evaluation for hundreds of private development projects including commercial and industrial real-estate development, residential construction development, and capital improvement projects for the City of St. Augustine. In 2021 Michael joined Gulfstream Design Group. Michael provides project support through all phases of the project development cycle.

PROJECT EXPERIENCE

Michael assists the project manager Matthew Lahti, P.E., with all aspects of the project cycle. Michael is responsible for construction plan QA/QC and constructability reviews for Gulfstream Design Group. Michael coordinates the pre-construction, construction and closeout responsibilities for Gulf Stream Design Group. Michael monitors the construction of stormwater system construction, water and sewer utility construction and testing, lift station construction and testing, roadway construction and testing, site grading and erosion control. Michael assists the project manager with construction closeout and acceptance. Michael reviews subconsultant submittals for accuracy and conformance with applicable standards. This may include items such as the as-built and record drawings, geotechnical testing results, and closeout documents. Michael supervises the testing of pressure mains and lift stations for operation in accordance with the project specification. Michael has almost twenty years of diverse experience with engineering and construction.

NOTABLE PERSONAL PROJECT EXPERIENCE

- San Salito Subdivision, St. Johns County, FL - Project Engineer, Inspector
- Hastings Drainage District Deep Creek Culvert, Hastings, FL – Project Engineer
- Woodlawn Road Improvements, St. Johns County, FL – Inspector
- Sebastian Cove Subdivision, St. Johns County, FL-Project Engineer, Inspector
- City of St. Augustine South Street Sidewalk – St. Augustine Florida, FL – Inspector



GEOMATICS CORP.

**Pablo Ferrari, P.S.M.
SUR Chief Surveyor**



TITLE

**President
Managing Senior Partner**

AVAILABILITY

65%

DATE OF REGISTRATION

07/05/1996

YEARS OF EXPERIENCE

33

EDUCATION

**Bachelor of Science
Surveying and Mapping
University of Florida, 1991**

PROFESSIONAL REGISTRATION

**Florida LS 5601
Alabama 24546
Georgia LS 002820
Mississippi 3110
North Carolina L-4446
South Carolina 20855**

CONTACT PHONE:

(904)824-3086

WEBSITE: www.geomaticscorp.net

EMAIL: pferrari@geomaticscorp.net

PROFESSIONAL AFFILIATIONS

**Florida Surveying and Mapping
Society- Past President
National Society of Professional
Surveyors- Member
St. Johns County Economic
Development Council- Member
National Council of Examiners for
Engineering and Surveying- Member**

PROFESSIONAL EXPERIENCE:

PROFESSIONAL EXPERIENCE:

Mr. Ferrari has been with Geomatics Corporation for fourteen years, he has over 33 years of experience in the surveying field. He has worked with numerous public and private clients on various types of corridor surveys for transportation and utility projects. Some of the entities that Mr. Ferrari has worked with are FDOT, JTA, JEA, City of Jacksonville, JAA, JAXPORT, Duval County School Board, Jacksonville University, St. Johns County Construction Services, City of St. Augustine, St. Johns County Utility Department, St. Johns County School District, Clay County Utility Authority, Clay Electric, ATT, FPL and Georgia Transmission Corporation.

Pablo has had extensive experience working as a Project Manager on FDOT, JTA, and BJP projects over the last 25 years. He can communicate effectively with the client- as well as the public, to ensure that the project stays on schedule. He has an appropriate understanding of what level of effort is needed to accomplish the task at hand, which enables him to deliver the necessary information to the client while keeping the project within budget.

SPECIFIC PROFESSIONAL EXPERIENCE

- **I-75 From South of CR 240**, Columbia County, FL , Design Survey, Horizontal/Vertical Control, Client: FDOT/SAI Consultants
- **I-75 from North of I-10**, Columbia County, FL, Design Survey, Horizontal/Vertical Control, Client: FDOT/SAI Consultants
- **Shired Creek Bridge**, Dixie County, FL, Full Design Survey, Horizontal/Vertical Control, Alignment, R/W, Client: FDOT/GAI Consultants
- **California Swamp**, Dixie County, FL, Full Design Survey, Horizontal/Vertical Control, Alignment, R/W, Client: FDOT/GAI Consultants
- **SR 207 Hilltop Rd**, St. Johns County, FL, Determine R/W on FDOT Parcel, Client: FDOT
- **SR 55**, Dixie County, FL, Alignment TIITF Sketches, Client: FDOT
- **SR 10 (Atlantic Blvd) at CR 101A (San Pablo)**, Duval County, FL, Traffic Signal Updates, Client: FDOT/Kimley-Horn
- **SR 13 (San Jose)**, Duval County, FL, School Zone Updates, Client: FDOT/Kimley-Horn & Associates
- **SR 212 (Beach Blvd)**, Duval County, FL, Intersection Improvements, Client: FDOT/Kimley-Horn & Associates
- **SR 103 (Lane Ave) from SR 208 (Wilson Blvd) to SR 228 (Normandy Blvd)**, Duval County, FL, Resurfacing, Client: FDOT/Balmoral Group
- **US1 and CR 210**, St. Johns County, FL, Intersection Improvements, Client: St. Johns County/Kimley-Horn & Associates
- **US1 and Lewis Point Road**, St. Johns County, FL, Intersection Improvements, Client: St. Johns County/Kimley-Horn & Associates
- **SR 21/Blanding Blvd to North Argyle Forrest Blvd**, Toll Road New Construction, Duval County, CEI, Client: Parsons Brinkerhoff Inc/FDOT





GEOMATICS CORP.



Russell Flint, P.S.M.
SUR Survey GIS/SUE Analyst 3 (Senior)

TITLE

Vice President

AVAILABILITY

50%

DATE OF REGISTRATION

03/15/2021

YEARS OF EXPERIENCE

25

EDUCATION

Bachelor of Science
Surveying and Mapping
Idaho State University, 2020

PROFESSIONAL REGISTRATION

Florida LS 7324
Utah 4938722
Idaho 11216
Wyoming 11483
Nevada 17020
Colorado 38107

CONTACT PHONE:

(904)824-3086

WEBSITE: www.geomaticscorp.net

EMAIL: rflint@geomaticscorp.net

PROFESSIONAL EXPERIENCE:

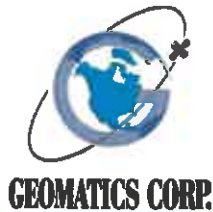
Mr. Flint has over twenty years of experience in the surveying field and another five years of experience in the civil engineering field. Seventeen of those years have been supervisory/management experience. He has worked closely with several transportation departments including, Utah, Idaho, Wyoming & Nevada for many years, and has also worked with FDOT for the past few years on civil engineering projects. He has worked with public, private and government entities on a variety of projects.

Mr. Flint's experience includes 3D Terrain modelling for survey tin surface models, machine grade control models, and laser scanning (point cloud) models, above and below ground utility and facility mapping, As-Built Surveys, Boundary Surveys, Right of Way Mapping, Government Land Sectional Surveys, Sewer, Water & Drainage Design Surveys for Municipalities, Subdivision Planning, Design, Platting and Construction Layout, Hydrographic Surveys, Mean High Water Line Surveys, and Corps of Engineers and Water Management Wetland Mitigation. Also, as a senior designer, he has taken the above surveys from many different survey companies in the area and completed civil design drawings for residential and commercial projects and city and county improvement projects including road, utility, and drainage designs..

SPECIFIC PROFESSIONAL EXPERIENCE

- **Ocean Hammock Park**, St. Augustine Beach, St. Johns County, FL, Boundary Survey, Topographic Survey, Client: Gulfstream Design Group, LLC
- **San Diego Road, Ponte Vedra**, St. Johns County, FL, Road Construction and As-Built, Client: AWA Contracting Co, Inc.
- **St. Johns County Drainage Improvement Project**, St. Johns County, FL, Topographic Survey, R/W, Drainage Easements and Mapping for design and upgrade, Client: Jones Edmunds/ St. Johns County
- **Avenida Menendez Seawall Upgrades**, St. Augustine, FL, Topographic Survey of the sea wall and surrounding areas, hydrographic survey, MHW Survey, Client: Kimley Horn/City of St. Augustine
- **Doctor's Lake Area Septic**, Clay County, FL, Topographic Survey, Right of Way Survey, Client: Jones Edmunds/Clay County Utility Department
- **WAWA -SR16 & Inman Rd**, St. Augustine, St. Johns, FL, Construction Stake Out, Horizontal and Vertical Control, Utility Staking, Client: Triton Construction Group, LLC
- **Reunion Bank**, St. Augustine, St. Johns County, FL, Boundary Survey, Topographic Survey, Drone Aerial, Lidar Scanning, Client: Dakota Company
- **Flagler College Cedar Hall**, St. Augustine, St. Johns County, FL, Boundary Survey, Topographic Survey, 3D Laser Scanning, Client: Flagler College/Matthews Design Group
- **Bunnell Storm Water Improvements**, Bunnell, Flagler County, FL, Drainage As-built Survey, Client: Constantine Construction





GEOMATICS CORP.

Terry M. Durden, P.S.M.
SUR Chief Surveyor



TITLE

Vice President
Managing Senior Partner

AVAILABILITY

55%

DATE OF REGISTRATION

07/19/1993

YEARS OF EXPERIENCE

41

EDUCATION

University of Florida
College of Engineering
Surveying & Mapping
1988-91

PROFESSIONAL REGISTRATION

Florida LS 5261

CONTACT PHONE:

(904)824-3086

WEBSITE: www.geomaticscorp.net

EMAIL: tdurden@geomaticscorp.net

PROFESSIONAL AFFILIATIONS

Florida Surveying and Mapping
Society- Member

PROFESSIONAL EXPERIENCE:

PROFESSIONAL EXPERIENCE:

Mr. Durden has been a registered surveyor in the State of Florida since 1993 and currently with this firm for 22 years. He attended the University of Florida Surveying and Mapping program from 1988 – 1991. Mr. Durden has 40 years of diversified surveying experience. Mr. Durden has intimate knowledge of St. Johns County, he served as the County Surveyor from 1992 – 1995. He has extensive experience in G.P.S. (Global Positioning Systems) and Geodetic Surveys as well as large boundary surveys, Topographic Surveys, Right-of-Way Surveys, Design Surveys, Boundary Surveys, and Wetland Jurisdictional Surveys.

SPECIFIC PROFESSIONAL EXPERIENCE:

- **Treasure Beach, Hydrographic Survey, St. Johns County, FL** – Hydrographic survey of the canals within Treasure Beach Subdivision. Client: St. Johns County, FL
- **Vilano Boat Ramp/Doug Crane Boat Ramp Channel, St. Johns County, FL** Post Dredge Hydrographic Survey of the Doug Crane Boat Ramp channel. Client: St. Johns County, FL
- **CR 13 Deep Creek/Sixteen Mile Creek Dredgement Project, St. Johns County, FL** – Topographic Survey to show elevations of top and bottom of muck with the Deep Creek basin in order to determine the volume of muck to dredge. Client: Jones Edmunds and Associates/St. Johns County, FL
- **I-95 (SR9) @ Old St. Augustine Road, Jacksonville, FL**, Construction Stakeout, Client: Petticoat Schmidt/FDOT
- **Girvin Road Improvements, Jacksonville, FL**, Asbuilt: Drainage, Paving, Utility, Construction Layout, Client: R.B Baker/JTA
- **Racetrack Road – CR 2209 to Durbin Creek, St. Johns County, FL**, Construction Stakeout, Client: Petticoat Schmidt
- **East Pinellas Street Roadway and Drainage Improvements Putnam County, FL**, Topographic survey of all features along the project limits, determine the centerline and rights-of-way of East Pinellas Street and all intersecting streets. Client: Jones Edmunds and Associates/Putnam County, FL
- **St. Johns County Countywide Stormwater Model**, Locate x,y, and z all drainage facilities throughout the county. Client: Jones Edmunds and Associates/St. Johns County, FL
- **Deep Creek Regional Stormwater Treatment Facility, St. Johns County, Florida**, Pond Site and Hydraulic Features Topographic Survey, included topography for the wetland site parcel including spot elevations on a 50-foot grid. Client: Jones Edmunds and Associates/St. Johns County, FL
- **Masters Regional Stormwater Treatment Facility, St. Johns County, FL**, Horizontal and Vertical Control, Topographic Survey and Wetlands. Prepare legal descriptions and sketch of position of land owned by St. Johns River Water Management District to be transferred to St. Johns County Client: St. Johns County/SJRWMD
- **Tatum Tract Cross Sections, St. Johns County, FL**, Collected X, Y and Z coordinates on seventeen (17) cross sections of the berm and ditch along the perimeter of the Tatum Tract, Client: St. Johns County, Florida





Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkwy Tallahassee, Florida 32399-6900

License No.: **LS5601**
Expiration Date February 28, 2023

Professional Surveyor and Mapper License
Under the provisions of Chapter 472, Florida Statutes

PABLO FERRARI
2804 N 5TH ST UNIT 101
SAINT AUGUSTINE, FL 32084-1837

Nicole Fried

NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.



Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkwy Tallahassee, Florida 32399-6900

License No.: **LS7324**
Expiration Date February 28, 2023

Professional Surveyor and Mapper License
Under the provisions of Chapter 472, Florida Statutes

RUSSELL DEAN FLINT
313 BOSTWICK CIR
SAINT AUGUSTINE, FL 32092-0430

Nicole Fried

NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE

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Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkwy Tallahassee, Florida 32399-6900

License No.: **LS5261**
Expiration Date February 28, 2023

Professional Surveyor and Mapper License
Under the provisions of Chapter 472, Florida Statutes

TERRY MARK DURDEN
2804 N 5TH ST STE 101
ST AUGUSTINE, FL 32084-1837

Nicole Fried

NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE

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JACKSONVILLE TRANSPORTATION AUTHORITY

November 2, 2021

Geomatics Corporation DBA Geomatics Corp
2804 N Fifth Street
Unit 101
St Augustine, FL 32084

In Re: DBE Firm Certification

Dear Mr. Pablo Ferrari,

The Jacksonville Transportation Authority (JTA) is pleased to announce that your firm has been certified as a Disadvantaged Business Enterprise [DBE] in Florida, under a Unified Certification Program [UCP] in accordance with 49 CFR, PART 26.

DBE Certification is continuing from the date of this letter and will conclude on the anniversary date of your firm's certification. Continued certification and participation in the DBE program is contingent upon your firm renewing its eligibility annually through this office. You will be notified in advance of your obligation to continue eligibility in a timely fashion. Information regarding certification renewal can be accessed online at <https://jtafla.dbsystem.com>. Failure of your firm's recertification will result in immediate action to remove the firm from the UCP database.

Your firm's listing in the Florida Department of Transportation's Florida Unified Certification Program is affirmation of your firm's continued certification. This listing can be accessed via the internet at:
<http://www3b.dot.state.fl.us/EqualOpportunityOfficeBusinessDirectory/>

Please be advised that DBE Certification is subject to actions by governmental agencies that can impact the disadvantaged status of DBE firms. Be further advised that your DBE Certification with the Florida Department of Transportation dually certifies your firm with all Florida UCP Members. DBE Certification is **NOT** a guarantee of work, but enables the firm to compete for and perform contract work on all USDOT Federal Aid (FAA, FTA & FHWA) projects in Florida as a DBE contractor, sub-contractor, and consultant / sub-consultant or material supplier.

Certification Date
October 29, 2010

Certification Expiration Date
October 29, 2022

If at any time there is a material change in your firm, including, but not limited to name change, principal ownership, officer, Directors, scope of work performed, daily operations, affiliations with other businesses, individuals or physical locations of the firm, you must immediately notify this office in writing. Notification of the aforementioned circumstances should include therewith all applicable supporting documentation. Upon this Authority's receipt of your amendment(s) you will receive necessary instructions.

Accordingly, your firm may compete for and perform work on all USDOT Federal Aid projects throughout Florida that receive credit for works performed in the following areas:

NAICS

NAICS 541370: LAND SURVEYING SERVICES

FDOT SPECIALTY CODE(S) & DESCRIPTIONS

54137-Surveying and Mapping (except Geophysical) Services

Questions or concerns should be directed to this office by mail or telephone.

Our telephone number is 904-633-8533 / Fax 904-630-3166.

You can also email us at dbe1@jtafla.com.

Sincerely,



Ken Middleton
Jacksonville Transportation Authority
Director - Diversity, Equity & Customer Advocacy
(904) 632-5275 - Office

EDDIE JAMES (JIM) HUMPHRIES, FLORIDA P.E.

Company

Humphries Consulting &
Engineering, Inc.

Role

Engineering and Numerical
Analysis

Years of Experience

25

Education

M.S., Civil and Environmental
Engineering, 1996, Massachusetts
Institute of Technology

B.A., Environmental Science and
Engineering, 1994, Harvard
University

Registrations

Licensed Professional Engineer:
Florida, No. 56209

EXPERIENCE SUMMARY

Mr. Humphries founded Humphries Consulting & Engineering, Inc. in 2006 to create a company focusing on local water resources solutions for Northeast Florida, with an emphasis on floodplain modeling and engineering solutions to flooding problems. In particular, Mr. Humphries has considerable experience in evaluating potential flooding areas and flood elevations using numerical analysis, including HEC-HMS and HEC-RAS, adICPR, and SWMM, and applying the model results to real-world elevation data to verify the results and map flood prone and flood hazard areas. Prior to starting his own company, he was an engineer and project manager with Engineering Methods and Applications/Watershed Concepts in Jacksonville where he oversaw stormwater, drainage, and flood insurance studies for FEMA, the U.S. Army Corps of Engineers, and many local development projects within Jacksonville. Prior to his term with Watershed Concepts, he was stormwater engineer for the City of St. Augustine from 1998 to 2001, where he was responsible for engineering analysis, design, and construction oversight for water distribution, sewer collection, and stormwater capital improvement projects.

SELECTED RELEVANT EXPERIENCE IN ST. JOHNS COUNTY

Bartam Academy WGV (2020), State Road 16 (2020), St. Marks Pond Industrial Park (2019), Northwood Drive (2019), Crescent Cove (2015): Numerical modeling to evaluate Base Flood Elevation for proposed projects and existing buildings located in Zone A Special Flood Hazard Areas

Northeast Florida Regional Airport Runway Extension and Stormwater Improvements, 2007, 2013, 2019: Hydraulic engineering and numerical modeling analysis to support stormwater permit preparation for runway drainage improvements and airport expansion for St. Johns County's Northeast Florida Regional Airport.

Cowan Swamp Stream Restoration Permitting, 2016: Stormwater and floodplain modeling to evaluate the natural, impacted, and restored hydraulic profiles for wetland systems in and around Cowan Swamp

St. Johns County Emergency Operations Center Floodplain Analysis, 2008: Regional floodplain modeling to evaluate Maximum Probable Flood for proposed buildings and parking lots

Russell Sampson Roadway Improvements, 2006, 2008: Roadway culvert sizing analysis and size recommendations and evaluation of wetland drawdown impacts and mitigation structures

Four Mile Swamp Floodplain Analysis, 2007: Regional floodplain modeling to evaluate 25-year and 100-year flood levels for lift station compliance



Ron DeSantis, Governor



STATE OF FLORIDA

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JEFFREY SCOTT JACKSON

REGISTRATION

FLORIDA P.E. REGISTRATION #51979
GEORGIA P.E. REGISTRATION #040162

EDUCATION

1993 UNIVERSITY OF FLORIDA Gainesville, FL
Master of Engineering
• Major: Geotechnical Engineering

1991 UNIVERSITY OF FLORIDA Gainesville, FL
Bachelor of Science
• Major: Civil

Engineering PROFESSIONAL EXPERIENCE

2020 – Present Jackson Geotechnical Engineering St. Augustine, FL
Founder/President

• As founder and president, primary roles include business development and oversight of all operations. This includes geotechnical engineering, personnel management, technical instruction, laboratory testing, and field operations.

2013 – 2020 Legacy Engineering, Inc Jacksonville, FL
Director of Geotechnical Engineering

• Typical roles include managing personnel, developing business, preparing proposals, coordinating drill rigs and crews, mentoring and teaching engineers, developing internal management procedures, and oversight of geotechnical and hydrogeotechnical engineering.

2011 – 2013 Building and Earth Sciences, Inc. Savannah, GA
Branch Manager

• Responsible for all aspects of the Savannah Branch. Typical administrative duties included overseeing all personnel, managing finances, developing internal procedures, and client development. Technical responsibilities included being the principal branch engineer, overseeing geotechnical and materials testing projects, and proposal formulation. Helped develop clientele that led to Savannah Branch record net sales during 2012.

2006 – 2011 Zev Cohen & Associates, Inc. Ormond Beach, FL
Senior Project Engineer

• Duties include conducting geotechnical engineering services and civil site design. Enhanced ZCA service line by adding geotechnical engineering. The geotechnical engineering services include formulating field exploration programs, groundwater modeling, foundation design, slope stability and berm design, ground improvement, hydraulic (groundwater) flow barriers, groundwater intrusion studies, retaining wall analysis, pavement assessments, and forensic studies. Communicate with the staffs of local municipalities and State regarding geotechnical and civil aspects of site design and development.

Civil duties include site layout, drainage system design, sewer and water design, roadway design, permit procurement, project cost assessments, Comprehensive Plan Amendment support, and coordination with municipality staff. Responsible

for guiding project civil design from the conceptual phases to permit procurement, including the development of plans and specifications. Construction administration duties include overseeing civil changes during project construction. Have designed and permitted jobs through the Cities of Daytona Beach, Ormond Beach, Port Orange, Deltona, Florida, and the Florida Department of Transportation. Frequently represent clients at planning board and commission meetings.

2005 - 2006 Ellis & Associates, Inc. Titusville, FL

Branch Manager

- As the branch manager, duties included overseeing all aspects of the Titusville Branch. This included the financial, field and laboratory operations, client development, procurement of projects, representing clients at the local and state level, and professional engineering responsibilities. Developed clientele, both geotechnical and construction materials testing, over a relatively short period of time that facilitated office growth, including adding a drill rig. Developed initial threshold testing services at Ellis & Associates, Inc.

2001 - 2005 Universal Engineering Sciences Daytona Beach, FL

Branch Manager

- As the branch manager, responsibilities included overseeing all aspects of the Daytona Beach Branch. This included the financial, geotechnical, drilling and laboratory operations, client development, procurement of projects, and professional engineering responsibilities.

1994 - 2001 Ellis & Associates, Inc. Jacksonville, FL

Senior Project Engineer

- Responsibilities included managing a wide variety of geotechnical engineering projects and personnel. This included preparing proposals, managing field explorations and field personnel, laboratory testing programs, reviewing and preparing reports, and maintaining projects within budget limits. Conducted groundwater modeling. Directed and mentored several Engineering Interns.

1992 - 93 University of Florida Gainesville, FL

Soils Laboratory Instructor

- Taught the undergraduate soils laboratory three times per week. Directed up to 25 students per class to follow the proper procedures of the fundamental laboratory soil-mechanics testing. The tests typically taught were: sieve analysis, specific gravity, relative density, plate shear (angle of internal friction), hydraulic conductivity (permeability), Atterberg limits, proctor, consolidation, and triaxial shear.

1992 Law Engineering Jacksonville, FL

Laboratory Soils Technician

- Performed the various laboratory soil tests for a wide range of projects. These included standard and modified proctor, hydraulic conductivity (permeability), organic material content, moisture content, triaxial hydraulic conductivity, and sieve analysis. Also performed concrete compression testing and monitored steel cable strength testing.

PUBLICATIONS AND PRESENTATIONS

Case Study of a Major Roadway Corridor Over Soft Marsh Soils - Presented at Florida Section ASCE annual meeting, September, 2000, St. Petersburg Beach, Florida.

Case Study of a 15-story Building Addition Supported on Stone Columns - Presented at Florida Section ASCE annual meeting, September, 1998, Gainesville, Florida.



Ron DeSantis, Governor



STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

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



JACKSON, JEFFREY SCOTT

164 PLAZA DEL RIO DRIVE
SAINT AUGUSTINE FL 32084

LICENSE NUMBER: PE51979

EXPIRATION DATE: FEBRUARY 28, 2023

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SIMES & ROSCH ENGINEERING

7411 Fullerton Street, Suite 250 • Jacksonville, FL 32256
Phone: (904) 280-3031 • Email: dsimes@simesandrosch.com

David W. Simes, P.E.

Managing Member, Senior Electrical Engineer



Years' Experience: 37

Education: Bachelor of Electrical Engineering, Auburn University

Registrations:

Florida Registration #51249

First Year Registered 1992 – Electrical Engineer

Georgia Registration #20063

South Carolina Registration #33299

Memberships:

Institute of Electrical and Electronics Engineers (IEEE)

**PROFESSIONAL
EXPERIENCE:**

Dave has over 37 years of experience as an electrical engineer, including the design of interior and exterior electrical distribution, lighting, and communication systems for industrial (including water and wastewater plants), commercial, healthcare, institutional, and military facilities and medium voltage primary distribution systems. Additionally, Dave has a thorough knowledge of power systems analysis, including short circuit, load flow, arc flash, and protective device coordination studies. Examples of relevant projects include:

- **Blue Plains Advanced Wastewater Treatment Plant – Washington DC.** Provided schematic electrical design for a new Cambi thermal hydrolysis sludge treatment system at the largest plant of its kind in the world.
- **Blochem Sludge Treatment Facilities – Multiple Sites in Florida.** Provide electrical design for sludge treatment facilities, including Spencers, Ridaught Landing, and Haynes City Wastewater Treatment Plants.
- **Oakleaf Plantation Water Treatment Plant and Reclaimed Water Pumping Station – Clay County, Florida.** Performed electrical design for a new water treatment plant and reclaimed water pumping station for Clay County Utility Authority in Clay County, Florida. The design included a 400KW emergency generator for the site.
- **Spencer's Wastewater Treatment Facility – Clay County, Florida.** Performed electrical distribution and lighting design for this \$8 million, 4 million gallons per day (MGD) waste water treatment plant expansion. Also designed a 1,000 KW emergency generator and reclaimed water facility for this site.
- **Keystone Heights Waste Water Treatment Facility – Keystone Heights, Florida.** Designed the electrical and lighting systems for this new wastewater treatment plant.
- **JEA District II WRF, Phase II-A, Power Systems Analysis Study – Jacksonville, Florida.** Performed short circuit and protective device study for JEA. Study included extensive medium voltage equipment. Other relevant power analysis studies include: Magnolia and Wymore Water Treatment Plants, Winter Park Florida; Kanapaha WRF for Gainesville Regional Utilities; Purrysburg Water Treatment Plant, Purrysburg, South Carolina; General Electric Apparatus Facility, Jacksonville, Florida; VAW Aluminum Plant, St. Augustine, Florida; the Jacksonville Arena, and Ben Hill Griffin Stadium Expansion at the University of Florida in Gainesville, Florida.
- **S331 Command and Control System and Related Sites, Army Corps of Engineers – Homestead, Florida.** Performed short fuse engineering study for South Florida Water Management District (SFWMD) pumping stations that pump approximately 700,000 gallons per minute of water from the SFWMD canal system to the Everglades.



Ron DeSantis, Governor



STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

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SIMES, DAVID WILLIAM

7411 FULLERTON STREET

SUITE 250

JACKSONVILLE FL 32256

LICENSE NUMBER: PE51249

EXPIRATION DATE: FEBRUARY 28, 2023

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Jody Sisk | Senior Ecologist

- University of Central Florida, 2000, B.S. Biology
- Nova Southeastern University, 2002, M.S. Marine Biology
- Flagler College, Adjunct Professor, Department of Natural Sciences
- FWC Authorized Gopher Tortoise Agent, GTA-09-00003
- FDACS Florida Natural Areas Pesticide License, CM22973
- FWC Certified Wildlife Observer



Mr. Sisk, owner/senior ecologist at Atlantic Ecological Services, is responsible for managing all firm operations. He specializes in the assessment and mitigation of ecological issues associated with development and conservation projects. Mr. Sisk's in-depth understanding of the maze of environmental regulations comes from over 14 years of working with local, state and federal regulators for developers, landowners, state and local government projects. He has consulted on project types ranging from single family residences to large scale developments including Developments of Regional Impact (DRI), residential subdivisions, wetland mitigation banks and conservation tracts, airports, trails, highways and bridges, marinas, utility installations, mining and commercial sites, and landfills. Mr. Sisk performs wetland and upland habitat assessments, wetland delineations, Environmental Resource Permitting, protected species surveys and permitting / relocations, protected species planning projects, NEPA and PD&E documents, Environmental Impact Assessments, Environmental Site Assessments, land management planning, habitat restoration projects, compliance issues, expert witness, and ecological mitigation analysis and design.

Personal Project Experience:



Flagler County Manatee Protection Plan, Flagler County, FL

Technical support to Flagler County to plan, construct, and adopt its Manatee Protection Plan. The project includes technical writing, GIS mapping, stakeholder meetings, and regulatory agency approval.



Windjammer Condominium Boardwalk Replacement and Land Management, St. Johns County, FL

Gopher tortoise surveys, FWC permitting, and gopher tortoise relocations to support construction of the boardwalk. Land management planning, exotic species eradication, native plantings, and monitoring.



Sawmill Landings PUD, St. Johns County, FL

Wetland delineations, regulatory agency review, ERP permitting, Alternative Sites Analysis, Jurisdictional Determinations, UMAM assessments, gopher tortoise surveys, and exotic species eradication.



Matanzas Woods Mitigation Area, Flagler County, FL

Wetland mitigation design, compliance assistance, ERP permitting, regulatory agency review, wetland species planting, exotic species eradication, monitoring, and reporting.

- Suwannee River Water Management District Phase I ESA, Bradford County, FL
- Spring to Spring Trail, Volusia County, FL
- East Central Rail Trail Projects, Volusia/Brevard Counties, FL
- Lehigh Rail to Trail Wetland Restoration, Flagler County, FL
- Malacompra Greenway Trail, Flagler County, FL
- Vince Carter Center Expansion NEPA, Flagler County, FL
- Bay Drive Park Florida Scrub-jay Survey, Flagler County, FL
- Blings Landing Fishing Pier, Flagler County, FL
- Hidden Lakes, Palm Coast, FL
- Doris Leaper Spruce Creek Preserve Land Management Plan, Volusia County, FL
- Old Kings Road Phase 1 and 2, Flagler County, FL
- Palm Coast Town Center DRI, Flagler County, FL



Tab 5 | Required Forms

RFQ: 21-06



Response Cover Sheet

This page is to be completed and included as the cover sheet for your response to the Request for Qualifications.

The City Commission of the City of St. Augustine Beach reserves the right to accept or reject any and/or all responses in the best interest of the City.

This response is submitted by the below named firm/individual by the undersigned authorized representative.

	<u>Gulfstream Design Group, LLC</u> (Firm Name)
BY	<u></u> (Authorized Representative)
	<u>Matthew H. Lahti, P.E.</u> (Printed or Typed Name)
ADDRESS	<u>2225 A1A S, Suite A2</u>
CITY, STATE, ZIP	<u>St. Augustine, FL 32080</u>
TELEPHONE	<u>904-794-4231</u>
FAX	<u></u>

ADDENDA ACKNOWLEDGEMENTS: (IF APPLICABLE)

Addendum# 1 dated	<u>November 12, 2021</u>	Initials <u>MLH</u>
Addendum# 2 dated	<u></u>	Initials <u></u>
Addendum# 3 dated	<u></u>	Initials <u></u>

Public Entity Crimes Statement

SWORN STATEMENT PURSUANT TO SECTION 287.133(3)(a), FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES

1. This sworn statement is submitted to City of St. Augustine Beach
 (print name of the public entity)
 by Matthew H. Lahti, P.E.
 (print individual's name and title)
 for Gulfstream Design Group, LLC
 (print name of entity submitting sworn statement)
 whose business address is: 2225 A1A S, Suite A 2
 and (if applicable) its Federal Employer Identification Number (FEIN) is 46-3542247
 (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), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with 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 bid or contract for goods or services to be provided to any public entity or any agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, robbery, collusion, racketeering, conspiracy, or material misrepresentation.
3. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or 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), 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 36 months shall be considered an affiliate.
5. I understand that a "person" as defined in paragraph 287.133(1)(e), 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 bids or applies to bid on contracts for the provision 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 officer, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.
6. Based on information and belief, the statement in 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 vendor 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 IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

(Corporate Seal)



[Signature]
Authorized Representative Sign in Ink

President

Authorized Signature (typed) Title

Gulfstream Design Group, LLC
Company Name

2225 A1A S, Suite A2
Mailing Address

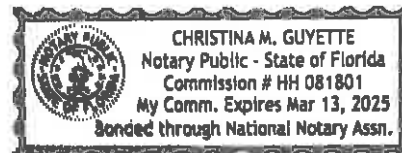
St. Augustine, FL
City, State, Zip

904-794-4231
(Area Code) Telephone Number

SUBSCRIBED AND SWORN BEFORE ME AT:

THIS 15 DAY OF November 2021.

NOTARY PUBLIC
MY COMMISSION EXPIRES: _____



Certification Regarding Debarment, Suspension, and Other Responsibility Matters

1. The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
 - a. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
 - b. Have not within a three (3) year period preceding this application/response been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a 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;
 - c. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of these offenses enumerated in paragraph 1 (b) of this certification; and
 - d. Have not within a five (5) year period preceding this application/response had one or more public transactions (Federal, State or local) terminated for cause or default.
2. Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this response.
3. No subcontract will be issued for this project to any party which is debarred or suspended from eligibility to receive federally funded contracts.



President

Signature Title

Gulfstream Design Group, LLC | Matthew H. Lahti, P.E.

Firm Name and Address

2225 A1A S, Suite A2

St. Augustine, FL 32080

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 1
21. TITLE AND LOCATION Indianhead Drainage Master Plan	22. YEAR COMPLETED PROFESSIONAL SERVICES 2020 CONSTRUCTION (if applicable) Forthcoming	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Indianhead Biomass Services, LLC	b. POINT OF CONTACT NAME Joeseeph Williams	c. POINT OF CONTACT TELEPHONE NUMBER 904-806-0187
---	--	---

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

Estimated Cost to Construct: \$10 Million

Gulfstream Design Group and our team was hired to perform Due Diligence, Drainage Master Planning Services, and Land Planning Services (Comprehensive Plan Amendment, and Rezoning) for several parcels in the St. Johns County area which are part of a commercial, industrial, and agricultural development.

Gulfstream has continued to perform in depth document research via public records research, and via items provided by the perspective land owners, and has analyzed previously issued SJRWMD, St. Johns County, FDEP permits for the sited which consist of over 1,200 acres. Gulfstream compiled a diligence report for the project and supporting in-house information which included conceptual layouts for the Industrial, Commercial, and Agricultural aspects of the project. The Conceptual Master Plans ultimately evaluated the site's drainage and stormwater management systems, environmental impacts (wetland), FEMA Flood Plain Impacts, Compensating Storage Mitigation, and overall site viability based on preliminary cost determinations prepared by Gulfstream.

Gulfstream additionally has performed diligent research on the parcels and their adjacent properties, and has lead the land planning process in an additional effort to master the understanding of the project sites through team and public involvement.

Gulfstream is currently managing a project team of Environmental Engineers, Geotechnical Engineers, Traffic Engineers, Surveyors, Flood Plain Engineers, and property owners on behalf of the developer.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. (1) FIRM NAME Gulfstream Design Group, LLC	(2) FIRM LOCATION <i>(City and State)</i> St. Augustine, FL	(3) ROLE Civil Engineer, Land Planner, PM
b. (1) FIRM NAME Geomatics	(2) FIRM LOCATION <i>(City and State)</i> St. Augustine, FL	(3) ROLE Surveyor
c. (1) FIRM NAME Jackson Geotechnical	(2) FIRM LOCATION <i>(City and State)</i> St. Augustine, FL	(3) ROLE Geotechnical Engineer
d. (1) FIRM NAME Humphries Engineering	(2) FIRM LOCATION <i>(City and State)</i> St. Augustine, FL	(3) ROLE Flood Plain Engineer
e. (1) FIRM NAME Atlantic Ecological Services	(2) FIRM LOCATION <i>(City and State)</i> St. Augustine, FL	(3) ROLE Environmental Engineer
f. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 2
21. TITLE AND LOCATION Colbert Landings, Palm Coast, FL		22. YEAR COMPLETED PROFESSIONAL SERVICES 2020 CONSTRUCTION (if applicable) 2022
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Geosam Capital US (Florida), LLC	b. POINT OF CONTACT NAME Martin Pham	c. POINT OF CONTACT TELEPHONE NUMBER 386.428.8448
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

Cost to Construct: \$15 Million

Gulfstream was hired to provide a Full scale set of Master Plans for a single-family residential subdivision in Palm Coast, Florida, as well as Flood Plane consultation in conjunction with Mr. Jim Humphries. Matt Lahti, P.E., prepared drainage master plans and calculations for the entirety of the development. Gulfstream has undertaken the role of project manager and has coordinated between all appropriate entities to ensure that the Drainage and Grading master plan for the 486 lot sub-division, coupled with the FEMA Flood Plain modeling, as well as Compensating Storage design will be delivered in accordance with all applicable agency codes, including FDEP, SJRWMD, COPC, and Flagler County.

This project is relevant to this contract as it highlights Gulfstream's work in the master planning of all facets needed to meet permit requirements in a development of a vegetated site to implement the master plan for construction.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME Gulfstream Design Group, LLC	(2) FIRM LOCATION (City and State) St. Augustine, FL	(3) ROLE Civil Engineer
b. (1) FIRM NAME Jackson Geotechnical	(2) FIRM LOCATION (City and State) St. Augustine, FL	(3) ROLE Geotechnical Engineer
c. (1) FIRM NAME Humphries Engineering	(2) FIRM LOCATION (City and State) St. Augustine	(3) ROLE Flood Plain Engineer
d. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 3
21. TITLE AND LOCATION North Second Street Drainage Evaluation	22. YEAR COMPLETED PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable) N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Saint Johns County	b. POINT OF CONTACT NAME John Burnham	c. POINT OF CONTACT TELEPHONE NUMBER (904) 209-0266
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

North 2nd Street Drainage Evaluation | \$613,871.00 (estimate) | 2.64 Acres

Gulfstream Design Group was hired by St. Johns County to review the previous drainage master plan prepared by Ayres and implement remedial drainage improvements and Construction plans for a subdivision of St Johns County Right-of-Way. This property is located north of State Road 16, and south of the Heritage Park Subdivision and needed a drainage collection system designed to assist with the future capital improvement planning. The design included maintenance and the conversion of open swales to piped drainage. Preparation of a Conceptual Drainage Plan, attending Pre-Application meetings with Saint Johns River Water Management District for permit coordination, and providing St Johns County with an engineer's Opinion of Probable Cost were a part of the scope. Gulfstream was also tasked with coordinating with the project surveyor, and providing scope/project limits. All coordinations are necessary to review the plan for compliance with applicable regulatory agency requirements.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME Gulfstream Design Group	(2) FIRM LOCATION <i>(City and State)</i> Saint Augustine, Florida	(3) ROLE Civil engineering
b. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT
(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER
4

21. TITLE AND LOCATION

Avenue B Drainage | St Augustine, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2021

CONSTRUCTION (if applicable)
N/A

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Saint Johns County

b. POINT OF CONTACT NAME

Douglas Tarbox

c. POINT OF CONTACT TELEPHONE NUMBER

(904) 209-0124

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

Avenue B Drainage Evaluation | \$300,000 | 2.25 Acres

Gulfstream Design Group has been hired by Saint Johns County to design drainage improvements within the existing Saint John's County Right-of-Way, located west of US1. Gulfstream has coordinated Utility Notifications to franchise utilities, prepared Cost Estimates to assist with Capital improvement project planning for Saint Johns Count Public Works, and prepared maintenance plans to repair damaged infrastructure and alleviate the existing drainage problems. This plan included the upgrading of existing inlets and pipe structures, while working around the existing utilities above and below ground. Gulfstream also coordinated with Saint Johns River Water Management District for a pre-application meeting to determine whether the project was exempt due to safety improvements.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Gulstream Design Group, LLC	(2) FIRM LOCATION <i>(City and State)</i> Saint Augustine Beach, Florida	(3) ROLE Civil engineering
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 5		
21. TITLE AND LOCATION IDEal Aluminum		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2021</td> <td>CONSTRUCTION (if applicable) 2022</td> </tr> </table>	PROFESSIONAL SERVICES 2021	CONSTRUCTION (if applicable) 2022
PROFESSIONAL SERVICES 2021	CONSTRUCTION (if applicable) 2022			
23. PROJECT OWNER'S INFORMATION				
a. PROJECT OWNER IDEal Aluminum	b. POINT OF CONTACT NAME Doug Brady	c. POINT OF CONTACT TELEPHONE NUMBER (386) 624-8878		
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>				

IDEal Aluminum | \$1.8 Million (estimated) | 28.58 Acres

Gulfstream Design Group has been hired by IDEal Aluminum to prepare engineered Master Plans, Cost estimates, and Construction administration work for a project located North of State Road 16. Gulfstream was also responsible for inter-agency coordination with franchise utilities, subconsultants for geotechnical engineering, and the Saint Johns River Management District to perform wetland impacts. Gulfstream designed a **stormwater lift station** to solve the existing drainage problem for the current site. For construction administration, Gulfstream, has conducted multiple site visit inspections, shop drawing reviews, and pay-applications to help maintain a professional construction process.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME Gulfstream Design Group, LLC	(2) FIRM LOCATION (City and State) Saint Augustine, Florida	(3) ROLE Civil engineering
b. (1) FIRM NAME Jackson Geotechnical Engineering	(2) FIRM LOCATION (City and State) Saint Augustine, Florida	(3) ROLE Geotechnical Engineering
c. (1) FIRM NAME Atlantic Ecological Services	(2) FIRM LOCATION (City and State) Saint Augustine, Florida	(3) ROLE Environmental Engineering
d. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT
(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER
6

21. TITLE AND LOCATION

Villages West Regional Park | St Augustine, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2021

CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Saint Johns County

b. POINT OF CONTACT NAME

Jason McKay

POINT OF CONTACT TELEPHONE NUMBER

(804) 209-0182

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

Villages West Regional Park | \$6.5 Million (estimate) | 20 Acres

Gulfstream Design Group has been hired by Saint Johns County to prepare engineered Plans for the expansion of a turnlane on State Road 16 and driveway entry. Gulfstream was also contracted to prepare Cost Estimates and to perform design team management for the entire regional park. Gulfstream has also coordinated with an environmental engineering firm for wetland mitigation, a local geotechnical engineer, and an architect for the design of the park structures. Gulfstream performed cut and fill analysis to get a better estimate for cost. Gulfstream has also provided Bidding Plans to assist St. Johns County with bidding. Permit coordination has also been provided by Gulfstream, including Florida Department Of Transportation drainage and driveway submittals, and filing for an exemption through the Saint Johns River Water Management District.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Gulfstream Design Group, LLC	(2) FIRM LOCATION (City and State) Saint Augustine Beach, Florida	(3) ROLE Civil engineering
b.	(1) FIRM NAME Jackson Geotechnical Engineering	(2) FIRM LOCATION (City and State) Saint Augustine, Florida	(3) ROLE Geotechnical engineering
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT
(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

7

21. TITLE AND LOCATION

Oare Conceptual Drainage Master Plan (COPC and City of Bunnell)

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2020-2021

CONSTRUCTION (if applicable)
N/A

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Geosam Capital US (Florida), LLC

b. POINT OF CONTACT NAME

Martin Pham

c. POINT OF CONTACT TELEPHONE NUMBER

386.428.8448

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

Cost to Construct Estimated = \$18 Million

Gulfstream Design Group was hired to perform Due Diligence and Conceptual Master Planning Services for several parcels in the Flagler County area which were located in the City of Palm Coast and the City of Bunnell. Gulfstream performed in depth document research via public records, and via items provided by the perspective land buyer, and analyzed previously issued SJRWMD, COPC, COB, Flagler County, and FEMA permits for the site which consisted of over 1,000 acres.

Gulfstream compiled a diligence report for the project and supporting in-house information which included conceptual layouts for Single-Family, Multi-Family and Commercial aspects of the project. The Conceptual Master Plans ultimately evaluated the site's drainage and stormwater management systems, environmental impacts, FEMA Flood Plain Impacts, Compensating Storage Mitigation, and overall site viability based on preliminary cost determinations prepared by Gulfstream.

Gulfstream managed a project team of Geotechnical Engineers, Flood Plain Engineers, Architects, and Surveyors on behalf of the perspective ownership group.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. Gulfstream Design Group, LLC	St. Augustine, FL	Civil Engineer, Land Planner, PM
b. Jackson Geotechnical	St. Augustine, FL	Geotechnical Engineer
c. Humphries Engineering	St. Augustine, FL	Flood Plain Engineer
d. Atlantic Ecological Engineering	St. Augustine, FL	Environmental Engineer
e.		
f.		

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 8
21. TITLE AND LOCATION (City and State) Ocean Hammock Park St. Augustine, FL		22. YEAR COMPLETED PROFESSIONAL SERVICES 2021 CONSTRUCTION (if applicable) N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of St. Augustine Beach	b. POINT OF CONTACT NAME Bill Tredik, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (904) 471-1119
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

Ocean Hammock Park | \$750,000 | 11.4 Acres

The client hired Gulfstream Design Group to perform engineering analysis and prepare project construction plans and specifications for Ocean Hammock Park Phase 2 as detailed in the Client's Coastal Partnership Initiative (CPI); including a 400-600 sf pavilion, accessible nature trail/walkway from Phase 1 to the park interior and tying in to the existing beach boardwalk (including elevated portions over wetland and/or protected areas), nature trails with interpretative signage, a children's playscape, picnic pavilion, observation platform, and education area informational kiosk, benches, bike racks, canoe/kayak storage facilities, and dune and wetland restoration on the property (the "Project"). Gulfstream provided design team management of local subconsultants such as Geomatics Corp. and Jackson Geotechnical Engineering, to perform services for surveying and geotechnical engineering. As well as coordinating with the Saint Johns River Water Management District through meetings to obtain an Environmental Resource Permit for this project. Gulfstream has also performed an engineer's opinion of probable cost, to provide the client with an estimate for the total cost of construction. Gulfstream also hosted a public involvement meeting, where adjacent property owners could participate in a presentation of the project and provide Gulfstream with any comments or questions about the project.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Gulfstream Design Group, LLC	Saint Augustine Beach, Florida	Civil Engineering
b.	Geomatics Corp	Saint Augustine, Florida	Survey
c.	Jackson Geotechnical Engineering	Saint Augustine, Florida	Geotechnical Engineering
d.	Atlantic Ecological Services	Saint Austine, Florida	Environmental Engineering
e.			
f.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT
(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

9

21. TITLE AND LOCATION

St. Marks Pond Drainage Master Plan

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2020-Ongoing

CONSTRUCTION (If applicable)
Forthcoming

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

St. Marks Pond, LLC

b. POINT OF CONTACT NAME

Dan Hill

c. POINT OF CONTACT TELEPHONE NUMBER

574-339-7538

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

Estimated Cost to Construct: \$3.5 Million

Gulfstream is contracted with St. Marks Pond, LLC and has undertaken the task of Master Planning the drainage system and additional civil infrastructure for a 248 Industrial Subdivision in an area allocated with a Future Land Use of Industrial in St. Johns County.

Gulfstream to date has been responsible for rezoning the parcel at the owners request, and has finalized a master plan with preliminary engineering completed. The project is substantial in size and has required Gulfstream and other design team members to leverage onsite technology to model the Stormwater and interconnected pond systems onsite, evaluate site specific Flood Plain data, coordinating and collecting additional survey data onsite, and modeling the site Hydraulic Grade Line, Piping Hydraulics, as well as coordinating a vehicular and pedestrian access with adjacent property owner.

Gulfstream has been the lead project manager for a design team consisting of: Geotechnical Engineers, Flood Plain Engineers, Surveyors, Environmental Engineers. Gulfstream has additionally lead the permitting effort on all fronts, regularly engaging agency staff (FDEP, SJRWMD, SJC) from the inception of the project to verify all permitting parameters due to nearby wetland systems, and ensuring correspondence with the agencies has been well documented and vetted with senior level staff.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Gulfstream Design Group, LLC	St. Augustine, FL	Civil Engineer, Land Planner, PM
b.	Jackson Geotechnical	St. Augustine, FL	Geotechnical Engineer
c.	Humphries Engineering	St. Augustine, FL	Flood Plain Engineer
d.	Atlantic Ecological Services	St. Augustine, FL	Environmental Engineer
e.			
f.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT
(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

10

21. TITLE AND LOCATION

Marineland Master Plan, Town of Marineland, FL

22. YEAR COMPLETED

2016

N/A

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Jacoby Development, Inc.

b. POINT OF CONTACT NAME

Jim Jacoby

c. POINT OF CONTACT TELEPHONE NUMBER

770-399-9930

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

Client: Jacoby Development, Inc.

Address: 8200 Roberts Drive, Suite 200, Atlanta, GA 30350

Phone: 770-399-9930

Location of Project: Town of Marineland, FL

Design Professionals: Gulfstream Design Group, LLC

Total Fees Paid to Gulfstream: \$12,000.00

Total Estimated Cost: \$3,500,000.00

Total Actual Cost: Unknown

Gulfstream was engaged by Jacoby Development, LLC, to prepare engineered Master Plans, Cost Estimates and permit schedules for a mixed use development of the 38.5 acre Town of Marineland, Florida, and its existing facilities. As part of the initial diligence efforts, Gulfstream performed a comprehensive review of Land Development Code. Gulfstream was also responsible for inter-agency coordination with utility, stormwater and right-of-way improvements as well as finalization of stormwater Master Plans. Gulfstream worked to generate land use Master Plans and then Water and Wastewater flow generator rates to determine estimated pipe sizes, Master Lift Stations, and water layouts for the existing facilities and new development program proposed for the site. Gulfstream facilitated the planning aspect of this project alongside a thorough review of the Comprehensive Plan to ensure that the future development would meet the goals of the Town of Marineland.

Gulfstream worked with various adjacent franchise utility companies, the City of Palm Coast and St. Johns County to determine the most feasible connection locations for the proposed development. Gulfstream prepared preliminary Opinions of Cost for the project.

This project is relevant to the contract because it highlights Gulfstream's ability to perform Master Planning services for stormwater, potable water and wastewater systems and also cost estimates and development schedule planning.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. Gulfstream Design Group, LLC	St. Augustine, FL	Civil Engineer, Land Planner
b. Atlantic Ecological Services	St. Augustine, FL	Environmental Engineering
c.		
d.		
e.		
f.		

ARCHITECT-ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

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

Request for Qualifications RFQ 21-06 Professional Engineering Services for Storm Drainage Master Plan Update; City of St. Augustine Beach, FL

2. PUBLIC NOTICE DATE

October 22, 2021

3. SOLICITATION OR PROJECT NUMBER

RFQ 21-06

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Matthew H. Lahti, P.E.

5. NAME OF FIRM

Gulfstream Design Group, LLC.

6. TELEPHONE NUMBER

904-794-4231

7. FAX NUMBER

8. E-MAIL ADDRESS

matt@gulfstreamdesign.com

C. PROPOSED TEAM

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

	(Check)			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V	SUBCON-TRACTOR			
a.	<input checked="" type="checkbox"/>			Gulfstream Design Group, LLC <input type="checkbox"/> CHECK IF BRANCH OFFICE	2225 A1A S Suite A2, St. Augustine, FL 32080	Civil Engineer
b.			<input checked="" type="checkbox"/>	Jackson Geotechnical Engineering, LLC <input type="checkbox"/> CHECK IF BRANCH OFFICE	201 Owens Avenue, St. Augustine, FL 32080	Geotechnical Engineer
c.			<input checked="" type="checkbox"/>	Humphries Consulting & Engineering, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	5845 Winifred Masters Road, Elkton, FL 32033	Stormwater
d.			<input checked="" type="checkbox"/>	Geomatics Corp. <input type="checkbox"/> CHECK IF BRANCH OFFICE	2804 N 5th Street, St. Augustine, FL 32084	Surveyor
e.			<input checked="" type="checkbox"/>	Simes & Rosch, LLC. <input type="checkbox"/> CHECK IF BRANCH OFFICE	7411 Fullerton St #250, Jacksonville, FL 32256	Electrical Engineer
f.			<input checked="" type="checkbox"/>	Atlantic Ecological Services, LLC <input type="checkbox"/> CHECK IF BRANCH OFFICE	201 Basque Road St. Augustine, FL 32080	Environmental

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

☒ (Attached)

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Matthew H. Lahti, P.E.	Principal-in-Charge/Contract Manager	a. TOTAL 16	8
15. FIRM NAME AND LOCATION (City and State) Gulfstream Design Group St. Augustine, FL			
16. EDUCATION (Degree and Specialization) Bachelor of Science, Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer (Florida #71395)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Organizations: Allen D. Nease High School - Stellar Academy of Engineering Advisory Board Member			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Indianhead Drainage Master Plan St. Augustine, FL	PROFESSIONAL SERVICES 2020-2021	CONSTRUCTION (If applicable) 2022
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Role: Project Manager Cost: \$ 10M (estimated) Size: 1200 acres Mr. Lahti has been an essential design team leader for the above project which performed: in depth document research via public records research, and via items provided by the perspective land owners, and has analyzed previously issued SJRWMD, St. Johns County, FDEP permits for the sited which consist of over 1,200 acres. Compiled a diligence report for the project and supporting in-house information which included conceptual layouts for the Industrial, Commercial, and Agricultural aspects of the project. The Conceptual Master Plans ultimately evaluated the site's drainage and stormwater management systems, environmental impacts (wetland), FEMA Flood Plain Impacts, Compensating Storage Mitigation, and overall site viability based on preliminary cost determinations prepared by Gulfstream. Additionally has performed diligent research on the parcels and their adjacent properties, and has lead the land planning process in an additional effort to master the understanding of the project sites through team and public involvement. Matt is currently managing a project team of Environmental Engineers, Geotechnical Engineers, Traffic Engineers, Surveyors, Flood Plain Engineers, and property owners on behalf of the developer.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
Colbert Landings St. Johns County, FL	PROFESSIONAL SERVICES 2020-Present	CONSTRUCTION (If applicable)
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Role: Project Manager Cost: \$18 M (estimated) Size: 293.90 acres Clients property consists of two (2) parcels containing approximately 137.30 and 156.60 gross acres within Flagler County, located to the west of the existing limits of Colbert Lane and North of SR 100. Client contracted Gulfstream Design Group to assist with entitlements and civil engineering services for a single family residential subdivision on the property. Gulfstream is providing quality reviews and control through plan set and permit application coordination with the City of Palm Coast (COPC), Florida Department of Environmental Protection (FDEP), Florida Department of Transportation (FDOT) and St. Johns River Water Management District (SJRWMD).		
<input checked="" type="checkbox"/> Check if project performed with current firm		
Indianhead Biomass St. Johns County, FL	PROFESSIONAL SERVICES 2019-2020	CONSTRUCTION (If applicable) 2021
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Role: Project Manager Cost: \$750,000.00 (estimated) Size: 120 acres Mr. Lahti was the principal engineer for the Indianhead Biomass composting, recycling, and agricultural center. The project created a master plan of approximately 120 acres and assisted in the design of a Master Stormwater and Drainage plan including various retention ponds and roadside swales, and also lead the coordination efforts in regards to the FEMA Flood Plain impact permitting and design efforts alongside the Flood Plain Engineer Mr. Humphries. Mr. Lahti was also responsible for the overall utility design Which included water and fire mains. Mr. Lahti performed closeout certifications for the project at the owners request.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
Oare Conceptual Master Plan Flagler County, FL	PROFESSIONAL SERVICES 2020-2021	CONSTRUCTION (If applicable) N/A
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Role: Project Manager Cost: \$10,000,000 (estimated) Size: 1,000 acres Mr. Lahti was responsible for leading a development team in the diligence, land planning and preliminary Master Planning of approximately 1,000 acres of what is proposed to become Single and Multi-Family Housing. Matt and Gulfstream performed in depth document research via public records, and via items provided by the perspective land buyer, and analyzed previously issued SJRWMD, COPC, COB, Flagler County, and FEMA permits for the site which consisted of over 1,000 acres. Gulfstream compiled a diligence report for the project and supporting in-house information which included conceptual layouts for Single-Family, Multi-Family and Commercial aspects of the project. The Conceptual Master Plans ultimately evaluated the site's drainage and stormwater management systems, environmental impacts, FEMA Flood Plain Impacts, Compensating Storage Mitigation, and overall site viability based on preliminary cost determinations prepared by Gulfstream. Gulfstream managed a project team of Geotechnical Engineers, Flood Plain Engineers, Architects and Surveyors on behalf of the perspective ownership group.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
St. Marks Industrial Master Planning St. Johns County, FL	PROFESSIONAL SERVICES 2021-Ongoing	CONSTRUCTION (If applicable) Forthcoming
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Matt to date has been responsible for rezoning the parcel at the owners request, and has finalized a master plan with preliminary engineering completed. The project is substantial in size and has required Matt and other design team members to leverage onsite technology to model the Stormwater and interconnected pond systems onsite, evaluate site specific Flood Plain data, coordinating and collecting additional survey data onsite, and modeling the site Hydraulic Grade Line, Piping Hydraulics, as well as coordinating a vehicular and pedestrian access with adjacent property owner. Matt has been the lead project manager for a design team consisting of: Geotechnical Engineers, Flood Plain Engineers, Surveyors, Environmental Engineers. Matt has additionally lead the permitting effort on all fronts, regularly engaging agency staff (FDEP, SJRWMD, SJC) from the inception of the project to verify all permitting parameters due to nearby wetland systems, and ensuring correspondence with the agencies has been well documented and vetted with senior level staff.		
<input checked="" type="checkbox"/> Check if project performed with current firm		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Teresa V. Benton, P.E.	13. ROLE IN THIS CONTRACT Project Engineer/Drainage & Utility Design	14. YEARS EXPERIENCE	
		a. TOTAL 24	b. WITH CURRENT FIRM 5
15. FIRM NAME AND LOCATION (City and State) Gulfstream Design Group St. Augustine, FL			
16. EDUCATION (Degree and Specialization) Bachelor of Science, Environmental Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer (Florida #56987)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Flagler Flagler County, FL	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable) 2020
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Role: Senior Project Engineer Cost \$350k Size +/- 85 acres Gulfstream was contracted by the Flagler County Board of County Commissioners in 2016 to perform drainage and parking lot improvements at the Flagler County municipal facility. The scope of the project included relocation of existing utilities underground and utility monuments/light poles in the parking area, regrading of parking lot intersections, and importantly a connection and modification to the FDOT drainage ditch which eventually outfalls to SR 100. Ms. Benton was responsible for the QA/QC of the plans and redesign and all associated calculations for the stormwater and utility alterations.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
Mussalem Beach Front Park Vilano Beach, FL	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable) 2020
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Role: Senior Project Engineer Cost: \$ (estimated) Size: 8.5 acres Gulfstream Design Group was contracted by the St Johns County board of County Commissioners to construct a public park located on 8.5 acres within St. Johns County. The project consisted of parking access, restroom facility with showers and rinse down areas. Gulfstream prepared a concept plan, opinions of cost, construction drawings for civil improvements and assisted with preparation of specifications and bid administration assistance. The project consisted of build out of the upland site to include utilities, stormwater collection/treatment facilities and pedestrian facilities.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
North Beach Park Vilano Beach, FL	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) Forthcoming
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Role: Senior Project Engineer Cost: \$750k (estimated) Size: 1.95 acres Gulfstream Design Group was hired to construct additional parking on 1.95 acres at the North Beach Park, located within St. Johns County. The project consisted of parking layout modifications and the maximization of usable area on site. Gulfstream was tasked with redesigning the site plan based on comments from the St Johns County Planning and Zoning Department, as well as comments received from the North Beach Overlay hearing. The plan changes resulted in the re-design of the stormwater system and supporting calculations, re-design of paving, grading and drainage plans as well as a re-design of the site geometry and landscape plans.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
Ideal Aluminum St. Johns County, FL	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) 2021
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Role: Senior Project Engineer Cost: \$800K (estimated) Size: 20 Ac Gulfstream was contracted by Ideal Aluminum to add an expansion to their existing industrial/commercial facility. The improvements consisted of an additional driveway and building, and an additionally designed stormwater pond which became connected to the overall system. Ms. Benton was also responsible for the associated utility improvements for phase 2 as well as the calculations and document preparation for an onsite stormwater liftstation.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
Colbert Landings Drainage Master Plan Flagler County, FL	PROFESSIONAL SERVICES 2020-Present	CONSTRUCTION (If applicable) 2022
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Role: Project Manager Cost: \$18 M (estimated) Size: 293.90 acres Clients property consists of two (2) parcels containing approximately 137.30 and 156.60 gross acres within Flagler County, located to the west of the existing limits of Colbert Lane and North of SR 100. Client contracted Gulfstream Design Group to assist with entitlements and civil engineering services for a single family residential subdivision on the property. Gulfstream is providing quality reviews and control through plan set and permit application coordination with the City of Palm Coast (COPC), Florida Department of Environmental Protection (FDEP), Florida Department of Transportation (FDOT) and St. Johns River Water Management District (SJRWMD).		
<input checked="" type="checkbox"/> Check if project performed with current firm		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Michael McLendon, E.I.	13. ROLE IN THIS CONTRACT Senior Project Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 16	b. WITH CURRENT FIRM 1
15. FIRM NAME AND LOCATION (City and State) Gulfstream Design Group St. Augustine, FL			
16. EDUCATION (Degree and Specialization) Bachelor of Science, Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) EIT and eligible to sit for Professional Engineering Exam, Qualified Stormwater Management Inspector, FDOT MOT Certificate, FDOT Earthwork Construction Inspector Certification			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Villages West St. Johns County, FL	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable) 2022
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Role: Senior Project Engineer Cost: \$1.5m (estimated) Size: 9.13 acres Mike has assisted St. Johns County staff, and a design team consisting of transportation engineers, geotechnical engineers, and surveyors, in establishing and creating design plans and alternatives for a roadway widening and turn lane project on State Road 16, which will tie into a newly proposed regional park. Mike has been an essential part of the design team in eliminating offsite utility and storm conflicts, while assisting in the general management of the project with the sub-consultants, and running weekly meetings, and will soon commence regular site visits and construction inspections in the field upon commencement of construction.		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Cordova Palms Subdivision St. Johns County, FL		CONSTRUCTION (If applicable) 2021
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Role: City Inspector Cost: \$3,500,000.00 (estimated) Size: Provided inspection and over-site for the construction of the utility infrastructure serving a new 900 unit subdivision in St. Johns County, FL. Observed and inspected the installation of a 16" water main and an 8" force main via jack and bore across US Highway 1 and the railroad tracks. Observed and inspected the construction of a Case C offset of a 12" force main utilizing line stops to shut down and bypass the force main.		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Victoria Crossing St. Johns County, FL	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable) 2022
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Role: Construction Administration Cost: \$1,092,050.00 (estimated) Size: 13.58 acres Gulfstream Design Group, LLC was contracted to help develop the site within unincorporated St. Johns County. Clients wishes for Gulfstream is to prepare civil construction plans for four (4) modern three-story buildings with associated amenities to support an affordable housing residential development on the property. Gulfstream is providing professional engineering services in connection with the project improving client's property. Gulfstream is also responsible for construction administration, and continues to follow the project through completion to ensure its conformity with the plans, and provide certifications of construction to the respective regulatory agencies.		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Whispering Creek St. Johns County, FL	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) 2021
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Role: Senior Project Engineer Cost: \$1.5m (estimated) Size: 13.54 acres Gulfstream will provide professional engineering services in connection with the Project Improving Client's property. Client wishes to construct a townhome project on the property. Gulfstream Design Group assisted in the construction closeout and as-built creation. Gulfstream assisted the contractor with meeting all City of St. Augustine requirements for utility acceptance and project closeout.		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
iDeal Aluminum Expansion St. Johns County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) 2021
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Role: Construction Administration Cost: \$750k (estimated) Size: 28.55 acres Gulfstream Design Group, LLC will provide professional engineering services in connection with the Project Improving Client's property. Client wishes for Gulfstream to conduct Design Team Coordination, prepare a Drainage Master Plan, Conceptual Development Plans and eventually construction plans to allow for a mixed use commercial project master planned on the property		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT*(Complete one Section E for each key person.)*

12. NAME		14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Pablo Ferrari, P.L.S.		33	15
15. FIRM NAME AND LOCATION (City and State) Geomatics Corporation, St. Augustine, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) BS of Science Surveying and Mapping University of Florida 1991		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Florida Professional Land Surveyor (PLS) 5601	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Ferrari has been with Geomatics Corporation for fifteen years, he has over 33 years of experience in the surveying field. He has worked with numerous public and private clients on various types of corridor surveys for transportation and utility projects. Some of the entities that Mr. Ferrari has worked with are FDOT, JTA, JEA, City of Jacksonville, JAA, JAXPORT, Duval County School Board, Jacksonville University, St. Johns County Construction Services, City of St. Augustine, St. Johns County Utility Department, St. Johns County School District, Clay County Utility Authority, Clay Electric, ATT, FPL and Georgia Transmission Corporation. Pablo has had extensive experience working as a Project Manager on FDOT, JTA, and BJP projects over the last 25 years. He can communicate effectively with the client- as well as the public, to ensure that the project stays on schedule. He has an appropriate understanding of what level of effort is needed to accomplish the task at hand, which enables him to deliver the necessary information to the client while keeping the project within budget.			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State) I-75 From South of CR 240, Columbia County, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Design Survey, Horizontal/Vertical Control <input checked="" type="checkbox"/> Check if project performed with current firm		
b.	(1) TITLE AND LOCATION (City and State) SR 207 Water Main Extension, St. Johns County, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Topographic Survey <input checked="" type="checkbox"/> Check if project performed with current firm		
c.	(1) TITLE AND LOCATION (City and State) California Swamp, Dixie County, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Full Design Survey, Horizontal/Vertical Control, Alignment, Right of Way <input checked="" type="checkbox"/> Check if project performed with current firm		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT*(Complete one Section E for each key person.)*

12. NAME		14. YEARS EXPERIENCE	
Russell Flint, P.L.S.		Surveyor and Mapper	
		a. TOTAL	b. WITH CURRENT FIRM
		41	2
15. FIRM NAME AND LOCATION (City and State) Geomatics Corporation, St. Augustine, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) BS Idaho State University		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Florida Professional Land Surveyor (PLS) : 7324	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Flint has over twenty years of experience in the surveying field and another five years of experience in the civil engineering field. Seventeen of those years have been supervisory/management experience. He has worked closely with several transportation departments including, Utah, Idaho, Wyoming & Nevada for many years, and has also worked with FDOT for the past few years on civil engineering projects. He has worked with public, private and government entities on a variety of projects. Mr. Flint's experience includes 3D Terrain modelling for survey in surface models, machine grade control models, and laser scanning (point cloud) models, above and below ground utility and facility mapping, As-Built Surveys, Boundary Surveys, Right of Way Mapping, Government Land Sectional Surveys, Sewer, Water & Drainage Design Surveys for Municipalities, Subdivision Planning, Design, Platting and Construction Layout, Hydrographic Surveys, Mean High Water Line Surveys, and Corps of Engineers and Water Management Wetland Mitigation. Also, as a senior designer, he has taken the above surveys from many different survey companies in the area and completed civil design drawings for residential and commercial projects and city and county improvement projects including road, utility, and drainage designs..			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State) Ocean Hammock Park, St. Augustine Beach, FL		(2) YEAR COMPLETED
			PROFESSIONAL SERVICES 2021
			CONSTRUCTION (if applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Boundary and Topographic Survey of 1.14 acre residential vacant treed lot		<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION (City and State) St. Johns County Drainage Improvement Project, St. Johns County, FL		(2) YEAR COMPLETED
			PROFESSIONAL SERVICES 2021
			CONSTRUCTION (if applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Topographic Survey, Right of Way, Drainage Easements and Mapping for design and upgrade		<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION (City and State) Avenida Menendez Seawall Upgrades, St. Augustine, FL		(2) YEAR COMPLETED
			PROFESSIONAL SERVICES 2021
			CONSTRUCTION (if applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Topographic Survey of the sea wall and surrounding areas, hydrographic survey, MHW Survey		<input checked="" type="checkbox"/> Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Terry M. Durden, P.L.S.	13. ROLE IN THIS CONTRACT Survey Manager	14. YEARS EXPERIENCE <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px solid black; text-align: center;">a. TOTAL</td> <td style="width: 50%; border-bottom: 1px solid black; text-align: center;">b. WITH CURRENT FIRM</td> </tr> <tr> <td style="text-align: center;">41</td> <td style="text-align: center;">22</td> </tr> </table>		a. TOTAL	b. WITH CURRENT FIRM	41	22
a. TOTAL	b. WITH CURRENT FIRM						
41	22						
15. FIRM NAME AND LOCATION (City and State) Geomatics Corporation, St. Augustine, FL							
16. EDUCATION (DEGREE AND SPECIALIZATION) Attended Univ of Florida, College of Surveying and Mapping		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Florida Professional Land Surveyor (PLS) : 5261					
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Durden has been a registered surveyor in the State of Florida since 1993 and currently with this firm for 22 years. He attended the University of Florida Surveying and Mapping program from 1988 – 1991. Mr. Durden has 40 years of diversified surveying experience. Mr. Durden has intimate knowledge of St. Johns County, he served as the County Surveyor from 1992 – 1995. He has extensive experience in G.P.S. (Global Positioning Systems) and Geodetic Surveys as well as large boundary surveys, Topographic Surveys, Right-of-Way Surveys, Design Surveys, Boundary Surveys, and Wetland Jurisdictional Surveys. Mr. Durden has been an active member of the Florida Surveying and Mapping Society (FSMS) for over 39 years where he has served as a State Director in the recent past.							
19. RELEVANT PROJECTS							
a.	(1) TITLE AND LOCATION (City and State) Hydrographic Survey of Vilano Boat Ramp, St. Augustine, FL, St. Johns County, FL	<table style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center; border-bottom: 1px solid black;">(2) YEAR COMPLETED</th> </tr> <tr> <td style="width: 50%; border-bottom: 1px solid black; text-align: center;">PROFESSIONAL SERVICES 2021</td> <td style="width: 50%; border-bottom: 1px solid black; text-align: center;">CONSTRUCTION (If applicable)</td> </tr> </table>		(2) YEAR COMPLETED		PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable)
	(2) YEAR COMPLETED						
	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable)					
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Geomatics Corporation performed a Hydrographic Survey of the Vilano Boat Ramp channel and basin in St Johns County, Florida. The survey data was collected utilizing Trimble Navigation GPS units coupled with an Ohmex Sonarmite portable bluetooth echo sounder and was referenced to Trimble Navigations RTN. Sufficient data was collected to produce cross sections at 25 feet intervals within the basin and channel. The survey crawling showed the survey data on a plan view at 1-foot contour intervals, as well as cross-sectional views at 50-foot intervals. No data was collected under docks or on the over banks. The estimated quantity to be dredged was calculated based upon the cross sections and shown on the survey drawing.							
<input checked="" type="checkbox"/> Check if project performed with current firm							
b.	(1) TITLE AND LOCATION (City and State) Various Projects, City of St. Augustine, FL	<table style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center; border-bottom: 1px solid black;">(2) YEAR COMPLETED</th> </tr> <tr> <td style="width: 50%; border-bottom: 1px solid black; text-align: center;">PROFESSIONAL SERVICES 2021</td> <td style="width: 50%; border-bottom: 1px solid black; text-align: center;">CONSTRUCTION (If applicable)</td> </tr> </table>		(2) YEAR COMPLETED		PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable)
	(2) YEAR COMPLETED						
	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable)					
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <ul style="list-style-type: none"> Topographic Survey of Pump Stations 6,7,10,11,12,21,22,23,24 and 52 Lift Station Elevations – Five sites requested by Utility Field Operations Manager, PS 29 317 Chapel Road, PS 40 Sunrise Blvd, PS 44 1710 US 1 South, PS 55 204 							
<input checked="" type="checkbox"/> Check if project performed with current firm							
c.	(1) TITLE AND LOCATION (City and State) Treasure Beach, Hydrographic Survey, St. Johns County, FL	<table style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center; border-bottom: 1px solid black;">(2) YEAR COMPLETED</th> </tr> <tr> <td style="width: 50%; border-bottom: 1px solid black; text-align: center;">PROFESSIONAL SERVICES 2021</td> <td style="width: 50%; border-bottom: 1px solid black; text-align: center;">CONSTRUCTION (If applicable)</td> </tr> </table>		(2) YEAR COMPLETED		PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable)
	(2) YEAR COMPLETED						
	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable)					
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Hydrographic survey of the canals within Treasure Beach Subdivision. Client: St. Johns County, FL.							
Role: Surveyor/Project Manage Cost: \$5,125.00							

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME		13. ROLE IN THIS CONTRACT		14. YEARS EXPERIENCE	
Eddie J. Humphries, PE		Senior Engineer		a. TOTAL	b. WITH CURRENT FIRM
				25	15
15. FIRM NAME AND LOCATION (City and State)					
Humphries Consulting & Engineering, Inc.					
16. EDUCATION (DEGREE AND SPECIALIZATION)			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)		
BA, Environmental Science and Engineering, Harvard University, 1994; MS, Civil and Environmental Engineering, Massachusetts Institute of Technology, 1996			Florida, Professional Engineer – Civil 56209 Georgia, Professional Engineer – Civil PE032046		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)					
Florida Dept. of Environmental Protection, Stormwater and Erosion Control Inspector Course					

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Indianhead Biomass Regional Stormwater Modeling		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2016, 2021	2016
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
<p>Cowan Swamp: Mr. Humphries utilized LiDAR and other publically available data as well as on-site surveys to conduct hydrologic and hydraulic modeling using HEC-HMS and HEC-RAS unsteady flow conditions to evaluate the natural, impacted, and restored hydraulic profiles for approximately 15 square miles of wetland systems in Cowan Swamp and the headwaters of Moultrie. Storm events from mean annual to 100-year recurrence interval were evaluated to ensure that the normal water levels of the swamp and surrounding wetlands would not be impacted as well as to ensure that no adverse impact would be made for major flood events.</p>			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Colbert Lane Regional Floodplain and Stormwater Modeling		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2021	2022
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
<p>Graham Swamp: Mr. Humphries utilized the effective FEMA Flood Insurance Study model (adICPR) to extend the analysis from Graham Swamp south to Bulow Creek in order to evaluate the flood profile around existing and proposed developments. LiDAR, soil, and land use, as well as survey data, were used to develop model hydrologic and hydraulic parameters for approximately 900 additional acres which were appended to an adICPR model covering roughly 19,000 acres of wetlands and urbanized areas.</p>			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Oare Parcel Regional Floodplain Modeling		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2004, 2009, 2020	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
<p>Black Branch Swamp: Mr. Humphries conducted an initial adICPR hydrologic and hydraulic study of Black Branch Swamp and its urbanized contributing area to evaluate flood profiles of Black Branch Swamp in 2004. The area of study was approximately 4,600 acres. When more extensive and accurate LiDAR data (2017) became available, the analysis was updated for both the hydraulic parameters based on the new LiDAR and for hydrology based on 2019 Land Use coverages.</p>			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
St. Marks Pond Regional Floodplain Modeling		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2019	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
<p>Mr. Humphries was tasked to evaluate Base Flood Elevations and request Letters of Map Change from FEMA for development within a Zone A Special Flood Hazard Area. Using the St. Johns County regional stormwater model, which covered over 20,600 acres, Mr. Humphries evaluated the local hydrology and hydraulics in more detail and provided a more manageable adICPR model of approximately 2,150 acres for the proposed development and requests to FEMA</p>			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Northeast Florida Regional Airport Runway Extension, Saint Augustine, Florida		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2007, 2013, 2019	2009
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
<p>Mr. Humphries developed HEC-HMS and HEC-RAS models to provide hydraulic engineering and watershed modeling for a proposed runway extension for St. Johns County's Northeast Florida Regional Airport in 2007. In 2013, this analysis was updated with more recent LiDAR and updated Land Use to support the design of ditch enclosures. In 2019, the models were again updated for land use and coastal flooding considerations.</p>			

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT*(Complete one Section E for each key person.)*

12. NAME Jeff Jackson, P.E.	13. ROLE IN THIS CONTRACT Geotechnical Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 25	b. WITH CURRENT FIRM 3
15. FIRM NAME AND LOCATION <i>(City and State)</i> Jackson Geotechnical Engineer, LLC			
16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Science Civil Engineering/Geotechnical Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> FL PE# 51979	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> Colbert Landings Palm Coast, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2020-21	CONSTRUCTION <i>(If applicable)</i> 2022
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> Geotechnical Engineer, 283 acres, \$15m <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Jackson performed several round of geotechnical explorations on a site that will, when constructed, be home to 480 single family units. He was responsible for various Auger, and SPT borings, and some up to 50 feet below surface depth. Mr. Jackson conducted laboratory permeability testing for pond and VNB areas, and is scheduled to begin groundwater drawdown modeling for onsite borrow pits shortly. Mr. Jackson has additionally provided various recommended pavement sections.		
(1) TITLE AND LOCATION <i>(City and State)</i> Indianhead Master Drainage St. Johns County, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2021	CONSTRUCTION <i>(If applicable)</i> Forthcoming
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> Geotechnical Engineer, 1,200 acres, \$10m <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Jackson has been engaged by the development team to perform subsurface exploration, and drawdown analysis on a proposed borrow pit, and over 1,200 acres of undeveloped or lightly developed lands. It is anticipated that the sites will require up to 20 different professional reports to support the development, and will require various types of subsurface exploration.		
(1) TITLE AND LOCATION <i>(City and State)</i> Ideal Aluminum St. Johns County, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2020	CONSTRUCTION <i>(If applicable)</i> 2021
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> Geotechnical Engineer, 20+ acres, \$1m <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Jackson was the geotechnical engineer of record for a 20+ acre industrial development. Of which he was responsible for producing the geotechnical report which was approved by St. Johns County as well as the St. Johns River Water Management District. He was responsible for managing a field crew of three and collecting SPT and Auger soil samples, and conducting onsite and lab permeability tests. Mr. Jackson also provided stabilized access recommendations for the site.		
(1) TITLE AND LOCATION <i>(City and State)</i> Ocean Hammock Park St. Augustine Beach, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2021	CONSTRUCTION <i>(If applicable)</i> 2022
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> Geotechnical Engineer, 6 acres, \$250K <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Jackson is currently the geotechnical engineer for the Ocean Hammock park expansion project in COSAB. He has worked diligently to collect onsite soil samples, and provide analysis of the subsurface data in an effort to provide recommendations on trail sections and concrete slab sections for small building foundations. His work is currently being reviewed by SJRWMD and COSAB.		
(1) TITLE AND LOCATION <i>(City and State)</i> Villages West Regional Park St. Johns County, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2021	CONSTRUCTION <i>(If applicable)</i> 2022
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> Geotechnical Engineer, 10 acres, \$1.5m <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Jackson has been retained by SJC and Gulfstream Design to complete subsurface exploration in the State Road 16 Right of Way as well as on the future site of a regional park. Mr. Jackson will provide recommendations as to the ROW pavement section as well as the onsite pavement sections, trail sections, and provide results of permeability testing. The project will complete permitting early next year and Mr. Jackson will complete construction sampling for the project.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT*(Complete one Section E for each key person.)*

12. NAME David W. Simes, P.E., Principal	13. ROLE IN THIS CONTRACT Senior Electrical Engineer	14. YEARS EXPERIENCE <table border="1"> <tr> <td data-bbox="1179 205 1341 285"> a. TOTAL 37 yrs </td> <td data-bbox="1349 205 1568 285"> b. WITH CURRENT FIRM 22 yrs </td> </tr> </table>		a. TOTAL 37 yrs	b. WITH CURRENT FIRM 22 yrs
a. TOTAL 37 yrs	b. WITH CURRENT FIRM 22 yrs				
15. FIRM NAME AND LOCATION (City and State) Simes & Rosch, LLC, 7411 Fullerton Street, Suite 250, Jacksonville, Florida 32256					
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Electrical Eng./ 1984 Auburn University, Auburn, Alabama	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer – 1997/Electrical (FL, PE#51249) Professional Engineer – 1992/Electrical (GA, PE#20063) Professional Engineer – 2016/Electrical (SC, PE #33299)				
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)					

Mr. Simes has over 37 years of experience as an electrical engineer, including the design of interior and exterior electrical distribution, lighting, security and communication systems for industrial (including water and wastewater plants), municipal, commercial, educational, military, and institutional facilities. Additionally, Mr. Simes has a thorough knowledge of power systems analysis, including short circuit, load flow, arc flash, and protective device coordination studies. He has extensive experience in performing continuing contracts for local municipalities.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) Blue Plains Advanced Wastewater Treatment Plant	(2) YEAR COMPLETED <table border="1"> <tr> <td data-bbox="989 758 1260 827"> PROFESSIONAL SERVICES 2012 </td> <td data-bbox="1268 758 1568 827"> CONSTRUCTION (If applicable) </td> </tr> </table>		PROFESSIONAL SERVICES 2012	CONSTRUCTION (If applicable)
PROFESSIONAL SERVICES 2012	CONSTRUCTION (If applicable)			
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Provided schematic electrical design for a new Cambi thermal hydrolysis sludge treatment system at the largest plant of its kind in the world.				
(1) TITLE AND LOCATION (City and State) Oakleaf Plantation Water Treatment Plant and Reclaimed Water Pumping Station - Clay County	(2) YEAR COMPLETED <table border="1"> <tr> <td data-bbox="989 961 1260 1031"> PROFESSIONAL SERVICES 2013 </td> <td data-bbox="1268 961 1568 1031"> CONSTRUCTION (If applicable) </td> </tr> </table>		PROFESSIONAL SERVICES 2013	CONSTRUCTION (If applicable)
PROFESSIONAL SERVICES 2013	CONSTRUCTION (If applicable)			
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Performed electrical design for a new water treatment plant and reclaimed water pumping station for Clay County Utility Authority in Clay County, Florida. The design included a 400KW emergency generator for the site				
(1) TITLE AND LOCATION (City and State) Spencer's Wastewater Treatment Plant and Reclaimed Water Pumping Station Facility, Clay County, FL	(2) YEAR COMPLETED <table border="1"> <tr> <td data-bbox="989 1186 1260 1255"> PROFESSIONAL SERVICES 2021 </td> <td data-bbox="1268 1186 1568 1255"> CONSTRUCTION (If applicable) </td> </tr> </table>		PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable)
PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable)			
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Provided electrical distribution & lighting design for this \$8M, 4M gallons per day (MGD) wastewater treatment plant expansion.				
(1) TITLE AND LOCATION (City and State) Yerkes Road Sanitary Sewer - Camp Blanding, Starke, FL 32091	(2) YEAR COMPLETED <table border="1"> <tr> <td data-bbox="989 1369 1260 1438"> PROFESSIONAL SERVICES 2020 </td> <td data-bbox="1268 1369 1568 1438"> CONSTRUCTION (If applicable) </td> </tr> </table>		PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable)
PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable)			
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Provided electrical design to ensure the generator system fully meets the specifications and load calculations and can support the electrical distribution, telecommunications and lightning protection systems and infra-structure for security systems.				
(1) TITLE AND LOCATION (City and State) Keystone Heights Waste Water Treatment Facility, Keystone Heights, FL	(2) YEAR COMPLETED <table border="1"> <tr> <td data-bbox="989 1593 1260 1663"> PROFESSIONAL SERVICES 2005 </td> <td data-bbox="1268 1593 1568 1663"> CONSTRUCTION (If applicable) </td> </tr> </table>		PROFESSIONAL SERVICES 2005	CONSTRUCTION (If applicable)
PROFESSIONAL SERVICES 2005	CONSTRUCTION (If applicable)			
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Design the electrical and lighting systems for this new wastewater treatment plant.				

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT*(Complete one Section E for each key person.)*

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Jody Sisk	Senior Ecologist	22	6

15. FIRM NAME AND LOCATION *(City and State)*

Atlantic Ecological Services, St. Augustine, Florida

16. EDUCATION *(Degree and Specialization)*

M.S. Coastal Zone Management, Nova Southeastern University, 2002.

B.S. Biology, University of Central Florida, 2000

17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)*FWC Authorized Gopher Tortoise Agent, GTA-09-00003
Florida Natural Areas Pesticide Applicator, CM22973
FWC Certified Wildlife Observer18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Flagler College, Adjunct Professor, Department of Natural Sciences; Gopher Tortoise Technical Advisory Group; FDEP Land Management Review Committee

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(If applicable)</i> N/A
Flagler County Manatee Protection Plan, Flagler County, Florida			
a.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project manager for the FWS & FWC mandated countywide MPP planning document. The services provided included technical scientific writing, GIS mapping and calculations, public education plans, public hearings, stakeholder meetings, agency coordination, and expert witness testimonies. The MPP was approved May 2016. The project cost was \$22,000.		
Lotus Hotel, St. Augustine, Florida			
b.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Sr Ecologist for the Lotus Hotel bulkhead and marina. The project includes marina design, wetland delineations and benthic surveys, agency site reviews, USAGE and SJRWMD permitting, mitigation analysis, and coordinating utilizing COSA mitigation site. The project is currently in the final stages of permitting. The project cost is \$12,500.		
Cortez Marina, St. Augustine, Florida			
c.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Sr Ecologist for the Cortez Marina project. The project includes marina design, wetland delineations, gopher tortoise surveys, benthic surveys, USAGE and SJRWMD permitting, COSA approval of the marina design, public hearings, and coordination with the Project Engineer during design of the project. The project cost is \$18,000.		
Flagler County Government Complex, Bunnell, Florida			
d.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Sr Ecologist for the ERP permitting of expansion of the Flagler County Government Complex parking lot. The project includes wetland delineations, gopher tortoise surveys, agency verifications, wetland mitigation analysis, ERP permitting, USAGE Section 404 permitting, and coordination with the Project Engineer. The project cost was \$7,500.		
Marineland Property, Flagler County, Florida			
e.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Sr Ecologist for the Marineland property development. The project includes protected tree surveys, wetland delineations, gopher tortoise surveys, Florida scrub jay surveys, ERP permitting, and coordination with the Project Engineer during the design and permitting phase. The project cost is \$5,500.		

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 1
21. TITLE AND LOCATION Indianhead Drainage Master Plan	22. YEAR COMPLETED PROFESSIONAL SERVICES 2020 CONSTRUCTION (if applicable) Forthcoming	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Indianhead Biomass Services, LLC	b. POINT OF CONTACT NAME Joeseeph Williams	c. POINT OF CONTACT TELEPHONE NUMBER 904-806-0187
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*
 Estimated Cost to Construct: \$10 Million

Gulfstream Design Group and our team was hired to perform Due Diligence, Drainage Master Planning Services, and Land Planning Services (Comprehensive Plan Amendment, and Rezoning) for several parcels in the St. Johns County area which are part of a commercial, industrial, and agricultural development.

Gulfstream has continued to perform in depth document research via public records research, and via items provided by the perspective land owners, and has analyzed previously issued SJRWMD, St. Johns County, FDEP permits for the sited which consist of over 1,200 acres. Gulfstream compiled a diligence report for the project and supporting in-house information which included conceptual layouts for the Industrial, Commercial, and Agricultural aspects of the project. The Conceptual Master Plans ultimately evaluated the site's drainage and stormwater management systems, environmental impacts (wetland), FEMA Flood Plain Impacts, Compensating Storage Mitigation, and overall site viability based on preliminary cost determinations prepared by Gulfstream.

Gulfstream additionally has performed diligent research on the parcels and their adjacent properties, and has lead the land planning process in an additional effort to master the understanding of the project sites through team and public involvement.

Gulfstream is currently managing a project team of Environmental Engineers, Geotechnical Engineers, Traffic Engineers, Surveyors, Flood Plain Engineers, and property owners on behalf of the developer.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Gulfstream Design Group, LLC	(2) FIRM LOCATION <i>(City and State)</i> St. Augustine, FL	(3) ROLE Civil Engineer, Land Planner, PM
b.	(1) FIRM NAME Geomatics	(2) FIRM LOCATION <i>(City and State)</i> St. Augustine, FL	(3) ROLE Surveyor
c.	(1) FIRM NAME Jackson Geotechnical	(2) FIRM LOCATION <i>(City and State)</i> St. Augustine, FL	(3) ROLE Geotechnical Engineer
d.	(1) FIRM NAME Humphries Engineering	(2) FIRM LOCATION <i>(City and State)</i> St. Augustine, FL	(3) ROLE Flood Plain Engineer
e.	(1) FIRM NAME Atlantic Ecological Services	(2) FIRM LOCATION <i>(City and State)</i> St. Augustine, FL	(3) ROLE Environmental Engineer
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 2
21. TITLE AND LOCATION Colbert Landings, Palm Coast, FL		22. YEAR COMPLETED PROFESSIONAL SERVICES 2020 CONSTRUCTION (if applicable) 2022
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Geosam Capital US (Florida), LLC	b. POINT OF CONTACT NAME Martin Pham	c. POINT OF CONTACT TELEPHONE NUMBER 386.428.8448
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

Cost to Construct: \$15 Million

Gulfstream was hired to provide a Full scale set of Master Plans for a single-family residential subdivision in Palm Coast, Florida, as well as Flood Plane consultation in conjunction with Mr. Jim Humphries. Matt Lahti, P.E., prepared drainage master plans and calculations for the entirety of the development. Gulfstream has undertaken the role of project manager and has coordinated between all appropriate entities to ensure that the Drainage and Grading master plan for the 486 lot sub-division, coupled with the FEMA Flood Plain modeling, as well as Compensating Storage design will be delivered in accordance with all applicable agency codes, including FDEP, SJRWMD, COPC, and Flagler County.

This project is relevant to this contract as it highlights Gulfstream's work in the master planning of all facets needed to meet permit requirements in a development of a vegetated site to implement the master plan for construction.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME Gulfstream Design Group, LLC	(2) FIRM LOCATION <i>(City and State)</i> St. Augustine, FL	(3) ROLE Civil Engineer
b. (1) FIRM NAME Jackson Geotechnical	(2) FIRM LOCATION <i>(City and State)</i> St. Augustine, FL	(3) ROLE Geotechnical Engineer
c. (1) FIRM NAME Humphries Engineering	(2) FIRM LOCATION <i>(City and State)</i> St. Augustine	(3) ROLE Flood Plain Engineer
d. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 3		
21. TITLE AND LOCATION North Second Street Drainage Evaluation	22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2021</td> <td>CONSTRUCTION (If applicable) N/A</td> </tr> </table>		PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable) N/A
PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable) N/A			
23. PROJECT OWNER'S INFORMATION				
a. PROJECT OWNER Saint Johns County	b. POINT OF CONTACT NAME John Burnham	c. POINT OF CONTACT TELEPHONE NUMBER (904) 209-0266		
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>				

North 2nd Street Drainage Evaluation | \$613,871.00 (estimate) | 2.64 Acres

Gulfstream Design Group was hired by St. Johns County to review the previous drainage master plan prepared by Ayres and implement remedial drainage improvements and Construction plans for a subdivision of St Johns County Right-of-Way. This property is located north of State Road 16, and south of the Heritage Park Subdivision and needed a drainage collection system designed to assist with the future capital improvement planning. The design included maintenance and the conversion of open swales to piped drainage. Preparation of a Conceptual Drainage Plan, attending Pre-Application meetings with Saint Johns River Water Management District for permit coordination, and providing St Johns County with an engineer's Opinion of Probable Cost were a part of the scope. Gulfstream was also tasked with coordinating with the project surveyor, and providing scope/project limits. All coordinations are necessary to review the plan for compliance with applicable regulatory agency requirements.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME Gulfstream Design Group	(2) FIRM LOCATION <i>(City and State)</i> Saint Augustine, Florida	(3) ROLE Civil engineering
b. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 4
21. TITLE AND LOCATION Avenue B Drainage St Augustine, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable) N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Saint Johns County	b. POINT OF CONTACT NAME Douglas Tarbox	c. POINT OF CONTACT TELEPHONE NUMBER (904) 208-0124
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)		

Avenue B Drainage Evaluation | \$300,000 | 2.25 Acres

Gulfstream Design Group has been hired by Saint Johns County to design drainage improvements within the existing Saint John's County Right-of-Way, located west of US1. Gulfstream has coordinated Utility Notifications to franchise utilities, prepared Cost Estimates to assist with Capital improvement project planning for Saint Johns Count Public Works, and prepared maintenance plans to repair damaged infrastructure and alleviate the existing drainage problems. This plan included the upgrading of existing inlets and pipe structures, while working around the existing utilities above and below ground. Gulfstream also coordinated with Saint Johns River Water Management District for a pre-application meeting to determine whether the project was exempt due to safety improvements.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME Gulstream Design Group, LLC	(2) FIRM LOCATION (City and State) Saint Augustine Beach, Florida
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
		(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 5
21. TITLE AND LOCATION iDeal Aluminum	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable) 2022
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER iDeal Aluminum	b. POINT OF CONTACT NAME Doug Brady	c. POINT OF CONTACT TELEPHONE NUMBER (386) 624-8878
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

Ideal Aluminum | \$1.8 Million (estimated) | 28.58 Acres

Gulfstream Design Group has been hired by iDeal Aluminum to prepare engineered Master Plans, Cost estimates, and Construction administration work for a project located North of State Road 16. Gulfstream was also responsible for inter-agency coordination with franchise utilities, subconsultants for geotechnical engineering, and the Saint Johns River Management District to perform wetland impacts. Gulfstream designed a **stormwater lift station** to solve the existing drainage problem for the current site. For construction administration, Gulfstream, has conducted multiple site visit inspections, shop drawing reviews, and pay-applications to help maintain a professional construction process.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME Gulfstream Design Group, LLC	(2) FIRM LOCATION (City and State) Saint Augustine, Florida	(3) ROLE Civil engineering
b. (1) FIRM NAME Jackson Geotechnical Engineering	(2) FIRM LOCATION (City and State) Saint Augustine, Florida	(3) ROLE Geotechnical Engineering
c. (1) FIRM NAME Atlantic Ecological Services	(2) FIRM LOCATION (City and State) Saint Augustine, Florida	(3) ROLE Environmental Engineering
d. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 6
21. TITLE AND LOCATION Villages West Regional Park St Augustine, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2021	CONSTRUCTION (if applicable)
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Saint Johns County	b. POINT OF CONTACT NAME Jason McKay	c. POINT OF CONTACT TELEPHONE NUMBER 904 209-0192
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

Villages West Regional Park | \$6.5 Million (estimate) | 20 Acres

Gulfstream Design Group has been hired by Saint Johns County to prepare engineered Plans for the expansion of a turnlane on State Road 16 and driveway entry. Gulfstream was also contracted to prepare Cost Estimates and to perform design team management for the entire regional park. Gulfstream has also coordinated with an environmental engineering firm for wetland mitigation, a local geotechnical engineer, and an architect for the design of the park structures. Gulfstream performed cut and fill analysis to get a better estimate for cost. Gulfstream has also provided Bidding Plans to assist St. Johns County with bidding. Permit coordination has also been provided by Gulfstream, including Florida Department Of Transportation drainage and driveway submittals, and filing for an exemption through the Saint Johns River Water Management District.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME Gulstream Design Group, LLC	(2) FIRM LOCATION <i>(City and State)</i> Saint Augustine Beach, Florida
		(3) ROLE Civil engineering
b.	(1) FIRM NAME Jackson Geotechnical Engineering	(2) FIRM LOCATION <i>(City and State)</i> Saint Augustine, Florida
		(3) ROLE Geotechnical engineering
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>
		(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>
		(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>
		(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>
		(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 7
21. TITLE AND LOCATION Oare Conceptual Drainage Master Plan (COPC and City of Bunnell)		22. YEAR COMPLETED PROFESSIONAL SERVICES 2020-2021 CONSTRUCTION (If applicable) N/A

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Geosam Capital US (Florida), LLC	b. POINT OF CONTACT NAME Martin Pham	c. POINT OF CONTACT TELEPHONE NUMBER 386.428.8448
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Cost to Construct Estimated = \$18 Million

Gulfstream Design Group was hired to perform Due Diligence and Conceptual Master Planning Services for several parcels in the Flagler County area which were located in the City of Palm Coast and the City of Bunnell. Gulfstream performed in depth document research via public records, and via items provided by the perspective land buyer, and analyzed previously issued SJRWMD, COPC, COB, Flagler County, and FEMA permits for the site which consisted of over 1,000 acres.

Gulfstream compiled a diligence report for the project and supporting in-house information which included conceptual layouts for Single-Family, Multi-Family and Commercial aspects of the project. The Conceptual Master Plans ultimately evaluated the site's drainage and stormwater management systems, environmental impacts, FEMA Flood Plain Impacts, Compensating Storage Mitigation, and overall site viability based on preliminary cost determinations prepared by Gulfstream.

Gulfstream managed a project team of Geotechnical Engineers, Flood Plain Engineers, Architects, and Surveyors on behalf of the perspective ownership group.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. (1) FIRM NAME Gulfstream Design Group, LLC	(2) FIRM LOCATION <i>(City and State)</i> St. Augustine, FL	(3) ROLE Civil Engineer, Land Planner, PM
b. (1) FIRM NAME Jackson Geotechnical	(2) FIRM LOCATION <i>(City and State)</i> St. Augustine, FL	(3) ROLE Geotechnical Engineer
c. (1) FIRM NAME Humphries Engineering	(2) FIRM LOCATION <i>(City and State)</i> St. Augustine, FL	(3) ROLE Flood Plain Engineer
d. (1) FIRM NAME Atlantic Ecological Engineering	(2) FIRM LOCATION <i>(City and State)</i> St. Augustine, FL	(3) ROLE Environmental Engineer
e. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 8		
21. TITLE AND LOCATION (City and State) Ocean Hammock Park St. Augustine, FL		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2021</td> <td>CONSTRUCTION (If applicable) N/A</td> </tr> </table>	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable) N/A
PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable) N/A			
23. PROJECT OWNER'S INFORMATION				
a. PROJECT OWNER City of St. Augustine Beach	b. POINT OF CONTACT NAME Bill Tredik, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (904) 471-1119		
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>				

Ocean Hammock Park | \$750,000 | 11.4 Acres

The client hired Gulfstream Design Group to perform engineering analysis and prepare project construction plans and specifications for Ocean Hammock Park Phase 2 as detailed in the Client's Coastal Partnership Initiative (CPI); including a 400-600 sf pavilion, accessible nature trail/walkway from Phase 1 to the park interior and tying in to the existing beach boardwalk (including elevated portions over wetland and/or protected areas), nature trails with interpretative signage, a children's playscape, picnic pavilion, observation platform, and education area informational kiosk, benches, bike racks, canoe/kayak storage facilities, and dune and wetland restoration on the property (the "Project"). Gulfstream provided design team management of local subconsultants such as Geomatics Corp. and Jackson Geotechnical Engineering, to perform services for surveying and geotechnical engineering. As well as coordinating with the Saint Johns River Water Management District through meetings to obtain an Environmental Resource Permit for this project. Gulfstream has also performed an engineer's opinion of probable cost, to provide the client with an estimate for the total cost of construction. Gulfstream also hosted a public involvement meeting, where adjacent property owners could participate in a presentation of the project and provide Gulfstream with any comments or questions about the project.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Gulfstream Design Group, LLC	Saint Augustine Beach, Florida	Civil Engineering
b.	Geomatics Corp	Saint Augustine, Florida	Survey
c.	Jackson Geotechnical Engineering	Saint Augustine, Florida	Geotechnical Engineering
d.	Atlantic Ecological Services	Saint Austine, Florida	Environmental Engineering
e.			
f.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 9
21. TITLE AND LOCATION St. Marks Pond Drainage Master Plan		22. YEAR COMPLETED PROFESSIONAL SERVICES 2020-Ongoing CONSTRUCTION (if applicable) Forthcoming

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER St. Marks Pond, LLC	b. POINT OF CONTACT NAME Dan Hill	c. POINT OF CONTACT TELEPHONE NUMBER 574-339-7538

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

Estimated Cost to Construct: \$3.5 Million

Gulfstream is contracted with St. Marks Pond, LLC and has undertaken the task of Master Planning the drainage system and additional civil infrastructure for a 248 Industrial Subdivision in an area allocated with a Future Land Use of Industrial in St. Johns County.

Gulfstream to date has been responsible for rezoning the parcel at the owners request, and has finalized a master plan with preliminary engineering completed. The project is substantial in size and has required Gulfstream and other design team members to leverage onsite technology to model the Stormwater and interconnected pond systems onsite, evaluate site specific Flood Plain data, coordinating and collecting additional survey data onsite, and modeling the site Hydraulic Grade Line, Piping Hydraulics, as well as coordinating a vehicular and pedestrian access with adjacent property owner.

Gulfstream has been the lead project manager for a design team consisting of: Geotechnical Engineers, Flood Plain Engineers, Surveyors, Environmental Engineers. Gulfstream has additionally lead the permitting effort on all fronts, regularly engaging agency staff (FDEP, SJRWMD, SJC) from the inception of the project to verify all permitting parameters due to nearby wetland systems, and ensuring correspondence with the agencies has been well documented and vetted with senior level staff.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Gulfstream Design Group, LLC	(2) FIRM LOCATION <i>(City and State)</i> St. Augustine, FL	(3) ROLE Civil Engineer, Land Planner, PM
b.	(1) FIRM NAME Jackson Geotechnical	(2) FIRM LOCATION <i>(City and State)</i> St. Augustine, FL	(3) ROLE Geotechnical Engineer
c.	(1) FIRM NAME Humphries Engineering	(2) FIRM LOCATION <i>(City and State)</i> St. Augustine, FL	(3) ROLE Flood Plain Engineer
d.	(1) FIRM NAME Atlantic Ecological Services	(2) FIRM LOCATION <i>(City and State)</i> St. Augustine, FL	(3) ROLE Environmental Engineer
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT
(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER
10

21. TITLE AND LOCATION Marineland Master Plan, Town of Marineland, FL	22. YEAR COMPLETED 2016	N/A
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23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Jacoby Development, Inc.	b. POINT OF CONTACT NAME Jim Jacoby	c. POINT OF CONTACT TELEPHONE NUMBER 770-399-9930
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Client: Jacoby Development, Inc.
Address: 8200 Roberts Drive, Suite 200, Atlanta, GA 30350
Phone: 770-399-9930
Location of Project: Town of Marineland, FL
Design Professionals: Gulfstream Design Group, LLC
Total Fees Paid to Gulfstream: \$12,000.00
Total Estimated Cost: \$3,500,000.00
Total Actual Cost: Unknown

Gulfstream was engaged by Jacoby Development, LLC, to prepare engineered Master Plans, Cost Estimates and permit schedules for a mixed use development of the 38.5 acre Town of Marineland, Florida, and its existing facilities. As part of the initial diligence efforts, Gulfstream performed a comprehensive review of Land Development Code. Gulfstream was also responsible for inter-agency coordination with utility, stormwater and right-of-way improvements as well as finalization of stormwater Master Plans. Gulfstream worked to generate land use Master Plans and then Water and Wastewater flow generator rates to determine estimated pipe sizes, Master Lift Stations, and water layouts for the existing facilities and new development program proposed for the site. Gulfstream facilitated the planning aspect of this project alongside a thorough review of the Comprehensive Plan to ensure that the future development would meet the goals of the Town of Marineland.

Gulfstream worked with various adjacent franchise utility companies, the City of Palm Coast and St. Johns County to determine the most feasible connection locations for the proposed development. Gulfstream prepared preliminary Opinions of Cost for the project.

This project is relevant to the contract because it highlights Gulfstream's ability to perform Master Planning services for stormwater, potable water and wastewater systems and also cost estimates and development schedule planning.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. Gulfstream Design Group, LLC	St. Augustine, FL	Civil Engineer, Land Planner
b. Atlantic Ecological Services	St. Augustine, FL	Environmental Engineering
c.		
d.		
e.		
f.		

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

[illegible]

29. EXAMPLE PROJECTS KEY

NUMBER	TITLE OF EXAMPLE PROJECT (From Section F)	NUMBER	TITLE OF EXAMPLE PROJECT (From Section F)
1	Indianhead Biomass Master Plan	6	Villages West Regional Park
2	Colbert Landings Master Plan	7	Oars Conceptual Drainage Master Plan
3	North 2nd Street Drainage	8	Ocean Hammock Park
4	Avenue B Drainage	9	St. Marks Industrial Master Plan
5	IDEal Aluminum	10	Town of Marineland Conceptual Plan

H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE



32. DATE

November 18, 2021

33. NAME AND TITLE

Matthew H. Lahti, P.E.

1. SOLICITATION NUMBER (if any)

RFQ 21-06

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (or Branch Office) NAME Gulfstream Design Group, LLC			3. YEAR ESTABLISHED 2013		4. UNIQUE ENTITY IDENTIFIER 019171732	
2b. STREET 2225 A1A S, Suite A2			5. OWNERSHIP			
2c. CITY St. Augustine		2d. STATE FL	2e. ZIP CODE 32080			
6a. POINT OF CONTACT NAME AND TITLE Matthew H. Lahti, P.E., LEED AP			6. TYPE LLC			
6b. TELEPHONE NUMBER (904) 794-4231			6. SMALL BUSINESS STATUS N/A			
6c. EMAIL ADDRESS matt@gulfstreamdesign.com			7. NAME OF FIRM (If Block 2a is a Branch Office)			

8a. FORMER FIRM NAME(S) (If any)	8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER
	2013	019171732

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. Number of Employees		a. Profile Code	b. Experience	c. Revenue Index Number <i>(see below)</i>
		(1) FIRM	(2) BRANCH			
02	Administrative	3		S04	Sewage Coll., Treatment, Disposal	1
08	CADD Technician	6		S07	Solid Wastes, Incineration, Landfill	1
12	Civil Engineer	2		T03	Traffic & Transportation Engineering	2
				H11	Housing (Residential, Multi-family)	2
				H10	Hotel, Motels	1
				O-01	Office Building/Industrial Parks	1
				R04	Recreational)Parks, Marinas)	2
				M06	Mining and Mineralogy	1
	Other Employees					
	Total	11				

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER	
a. Federal Work	1 2	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	4 4	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	5 4	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million
		5. \$1 million to less than \$2 million	10. \$50 million or greater

12. AUTHORIZED REPRESENTATIVE
The foregoing is a statement of facts.

a. SIGNATURE _____ b. DATE **November 18, 2021**

c. NAME AND TITLE	
Matthew H. Lahti, P.E.	



Tab 6 | Required Disclosures

RFQ: 21-06



Statement of any Conflicts of Interest



November 18, 2021

**ATTN: City Clerk
City of St. Augustine Beach
2200 SR A1A South
St. Augustine Beach, FL 32080**

**Re: Professional Engineering Services for
Storm Drainage Master Plan Update
RFQ: 21-06**

Dear Review Committee:

Gulfstream Design Group, LLC has not engaged in any outside activities that are inconsistent, incompatible, or appear to conflict with our ability to exercise independent/objective judgement in the best interest of the City of St. Augustine Beach.

Sincerely,

The offices of
Gulfstream Design Group, LLC



**Matthew Lantl, P.E., LEED AP
President**

Statement of Good Standing



November 18, 2021

**ATTN: City Clerk
City of St. Augustine Beach
2200 SR A1A South
St. Augustine Beach, FL 32080**

**Re: Professional Engineering Services for
Storm Drainage Master Plan Update
RFQ: 21-06**

Dear Review Committee:

Gulfstream Design Group, LLC, EIN 46-3542247, is in good standing with the Internal Revenue Service and is in compliance with all Federal, State, County, and local units of government which specifically includes good tax payment status and good corporate registration status.

Sincerely,

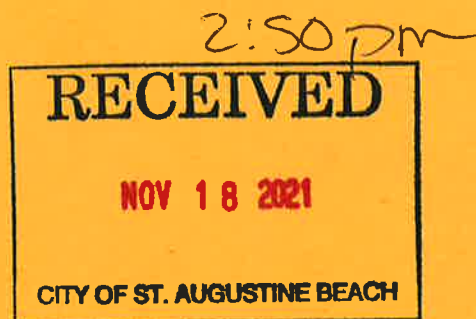
**The offices of
Gulfstream Design Group, LLC**



**Matthew Lahti, P.E., LEED AP
President**



RFG 21-06



RFG 21-06

Professional Engineering
Services for Storm Drainage
Master Plan Update

Attn: City Clerk

City of St. Augustine Beach, FL 32080

7700 SR AAS

FL 32080