SOUTH FLORIDA WATER MANAGEMENT DISTRICT

DESIGN/BUILD OF A LOWER KISSIMMEE BASIN STORMWATER TREATMENT PROJECT

Approach Package

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Overview

The Project shall be situated in the S-154 Basin, S-154C Basin and/or S-133 Basin (Project Area) in the Taylor Creek/Nubbin Slough Subwatershed to maximize capturing stormwater runoff and reducing nutrient loading from the S-154 and S-154C basins. This area is located immediately north of Lake Okeechobee. The Project shall have a regional impact and shall address nutrient load reductions towards meeting the FDEP's BMAP and TMDL goals for Lake Okeechobee (FDEP, 2020). The primary objective of the Project is to maximize nutrient (primarily TP) load reductions from the S-154 and S-154C basins (and secondarily from the S-133 Basin) which discharge into the northern portion of Lake Okeechobee. The S-154 Basin is considered a priority under the NEEPP statute because of the historically high TP loading from the basin and the S-154C Basin typically has high unit area TP loading compared to other basins in the Lake Okeechobee Watershed. As a secondary objective, the Project shall also include a water storage/treatment component to assist in retaining/treating surface water directly from the lake.

The Project types to be considered shall include (1) a Stormwater Treatment Area (STA) facility, or (2) a storage facility with water quality treatment features. Stand-alone innovative treatment technologies (such as chemical treatment) shall not be considered for this Project. However, an innovative treatment technology in conjunction with an STA or a storage facility (such as hybrid treatment component) may be considered as an enhanced water quality component. Project shall demonstrate that the proposed treatment facility will remain adequately hydrated (i.e., minimum 6-inch water depth) on a year-round basis once operational. Specifically, the reduction targets for the Project are as follows:

- Provide a long-term average TP load reduction of 13.0 to 15.0 metric tons per year (t/yr) evaluated at the project discharge location.
- No specific total nitrogen (TN) reduction goals are identified but proposed TN reductions are desirable.
- No specific water storage goals are identified but are also desirable.

Factors Critical to Success of this Project:

The Northern Everglades and Estuaries Protection Program (NEEPP) focuses on the water storage and water treatment needed to help improve and restore the Northern Everglades and coastal estuaries. The primary goal of the stormwater treatment areas (STAs) north of the lake is to maximize the long-term mass removal of total phosphorus (TP) and to minimize operational costs per pound of TP removed. RES Team is keenly aware that properly designing, constructing, and operating these STAs can provide predictable, successful performance that meets the objectives of the SFWMD. As such, we see the following elements as critical to the success of this project:

- Appropriate site selection and design development that facilitates maximum phosphorus load removal from the target area
- Optimized design elements such as wetland areas and hydraulic performance for maximized phosphorus removal, based on land selection factors and design factors
- The development of accurate models and accuracy of model input factors
- Evaluation of design factors against cost impacts while developing a cost-effective solution
- In-depth understanding of constructability and potential site limitations, as well as ability to develop appropriate solutions
- Design development specific to removal goals to ensure all key goals are met (e.g. cellular wetlands, wetland enhancements, etc.)
- Identification of potential failures within the system and developing avoidance measures
- Deployment of processes that dramatically reduce risk during construction

- Understanding of the long-term performance of the system and developing appropriate operational and maintenance activities

This submittal outlines the qualifications of our team to effectively execute these elements and our proposed approach which carefully considers each one. The collective experience of the RES Team makes us uniquely qualified to provide these services to SFWMD.

Phase One and Two Overview

Please refer to **Table 1** below for a summary of Deliverables.

Land Acquisition Overview

RES used GIS and local knowledge to identify properties that were located within the requested project area. R Bar Estates and Lake Cattle Ranch are uniquely situated in the S-133 Basin and are bordered by the C-38 on the west and Lemkin Creek on the east. Our project sites are the best in the area to capture nutrient loads from the S-133 which includes farming and the development activities from the City of Okeechobee. These landowner partners have been in the area for many years and are very excited to be a part of a water quality project. They will join the team as partners and RES will enter in long-term lease for the project site upon award of Phase 1. Executed Letters of Intent from key landowners are provided in **Appendix B**. We are also in active, constructive negotiations with an adjacent landowner which will provide useful access to Lemkin Creek further downstream. Landowner maps are provided in **Appendix A.**

Land Transfer

Once awarded, RES will enter into a lease for up to 24 years (up to 9 for implementation and 15 years for O&M) with the land partners. Before the end of the lease, we will discuss a transfer of the land and project with the SFWMD. We believe there are both economic and performance benefits to the SFWMD to allow RES to stay on the project and be responsible for its success. As showcased in our project reference forms, we have the proven work history and financial resources to provide assurances for the success and performance of the project.

Operation and Maintenance Overview

The RES Team will develop an Operation Plan for the Project which will include the following aspects to ensure that the facility will remain adequately hydrated (i.e., minimum six-inch water depth) on a year-round basis once operational.

- Regular pump maintenance and operating procedures
- Hydrology restoration/ potential minor modifications
- Maintenance of plantings/ re-planting
- Monitoring and reporting requirements

More information on the Project's Operation and Maintenance can be found in the **Operation and Maintenance Section** below.

Deliverables Overview

Table 1. Deliverables

Phase	Activity	Responsibility
Phase 1	Kickoff Meetings	RES Team and SFWMD
Phase 1	Develop Project Work Plan including Permit Plan	RES Team
Phase 1	Collect Data	RES Team
Phase 1	Toolset Refinement	RES Team

Phase 1	Develop Conceptual Design/Design Documentation Report (DDR), Cost Estimate, and Schedule	RES Team
Phase 1	Conceptual Design Workshop	RES Team and SFWMD
Phase 1	Collect Additional Data	RES Team
Phase 1	Develop Alternative Concepts	RES Team
Phase 1	Develop Preliminary Design (60%), Cost Estimate, and Schedule	RES Team
Phase 1	Review Preliminary Design	RES Team and SFWMD
Phase 1	Pre-Application Meetings	RES Team, SFWMD, and Permitting Agencies
Phase 1	Define Final Design, Cost Estimate, and Schedule	RES Team and SFWMD
Phase 1	Final Design Review Meeting	RES Team and SFWMD
Phase 1	Submit and Negotiate a Stipulated Price for Phase 2	RES Team
Phase 2	Final Design (90%), Cost Estimate, and Schedule	RES Team
Phase 2	Permit Applications, Insurance, and Bonding	RES Team
Phase 2	Final Design (100%)	RES Team
Phase 2	Prepare Plans, Specifications, Opinion of Cost, and Constructability Review	RES Team and SFWMD
Phase 2	Failure Mode Analysis	RES Team and SFWMD
Phase 2	Equipment Selection, Constructability Reviews	RES Team and SFWMD
Phase 2	Advertise and Issue RFB	RES Team and SFWMD
Phase 2	Bid Review and Contractor Recommendation	RES Team and SFWMD
Phase 2	Construction Kickoff Meeting	RES Team and SFWMD, other stakeholders
Phase 2	Review Submittals, Respond to RFIs (with Designer Involvement/Oversight)	RES Team
Phase 2	Monitoring, Inspection, and QC Testing	RES Team
Phase 2	Operation Plan Development and District Staff Training	RES Team
Phase 2	Final Inspection and "Punch List"	RES Team
Phase 2	Start-up and Testing	RES Team
Phase 2	Operation (5 years)	RES Team
Phase 2	Final Acceptance of Project and Recommendation to Owner	RES Team

Transfer of the Project Overview

RES proposes a 15-year O&M period post-construction instead of transferring the project at the end of 5 years. Before the end of the O&M period, RES will discuss a transfer of the site and project. We believe there are both economic and performance benefits to the SFWMD to allow RES to stay on the project for 15 years. As showcased in our project reference forms, we have the proven work history and financial resources to provide assurances for the success and performance of the project.

Collaborating with the District

We expect to work collaboratively with SFWMD throughout the entirety of the project. If there are issues, RES will coordinate with SFWMD, indicate how these issues affect the success of the project, and how we plan to resolve them.

The RES Team also has a deep understanding of the preferences of the SFWMD. When there is a problem, we work to find a solution that not only satisfies the overall project plan, but will also satisfy individual agency staff preferences as much as possible. Our intent is to develop a solution that meets the needs of SFWMD, the agencies, and the schedule.

Times of focused, direct collaboration with the District include:

- Kickoff Workshop (See Site Analysis During Phase One below)
- Design Review

Site Analysis During Phase One

The proposed Project Area that is the subject of our approach is located in the Taylor Creek/Nubbin Slough Subwatershed with conveyances to Lake Okeechobee via the C38 canal or Popash Slough/Lemkin Creek. The STA will be designed to remove phosphorus in the stormwater runoff from these basins to meet the project objective of achieving a long-term average TP load reduction of 13.0 to 15.0 t/yr evaluated at the project discharge location, with potential additional benefits towards reducing TN concentrations and enhancing water storage.

During Phase I, Site Analysis will begin with a Kickoff Workshop. This Workshop will facilitate the collaboration between the RES design/construction team and SFWMD engineering, science, STA operations, and the Field Station O&M key individuals. During the workshop, critical project components including schedule, reducing costs, and improving design efficiency will be discussed. Additionally, elements that contribute to the conceptual design will be discussed, including:

Existing site data

- Review of existing topographic; geotechnical; vegetative; hydrological; survey control; property boundaries; plans and specifications; operating records of existing relevant facilities; SFWMD, USACE, State, County, design codes; and environmental/cultural data and identification of data gaps.
- Inflow water quality and volume and the treatment goals
- Performance considerations
- Low flow conditions, reduction of short-circuiting, the advantage of flow optimization in locating water control structures and dewatering during construction.

Treatment options

- Discussion of potential treatment systems, including emergent, submerged, and algal vegetative treatment and "treatment trains" to provide initial emergent particulate treatment, sustained SAV phosphorus reduction, and algal polishing, which in turn defines the physical environments of water depth, cell configuration, treatment flow volume and velocity, and inflow and discharge pump stations capacity.

Following the Kickoff Workshop, the RES Team will review identified data gaps and gather additional information required for design development. Additionally, a document control system (e.g. Dr. Checks) will be established at this time.

Design Development

Preliminary Engineering Studies

Preliminary engineering studies will gather the information necessary to support hydrologic models that will be used to evaluate the conceptual design and alternative concepts. If topographic data of a sufficient resolution does not exist, topographic data will be collected to develop a digital elevation model. Additionally, field surveys will be conducted to document existing hydrologic features and structures, roads, and utilities. Utility mapping by Barnes Ferland & Associates (BFA) will be conducted as necessary.

Hydrologic models will then be developed for the Project. The RES Team anticipates that the Project will require two major models: a Dynamic Model for Stormwater Treatment Areas Version 2 (DMSTA2) model to quantitatively evaluate STA design parameters, and an Interconnected Pond Routing (ICPR) model for evaluating offsite impacts for permitting purposes. The DMSTA1 model will be used to quantitatively evaluate the STA wetted area, TP inflow concentration and mass loading rates, cell number and configuration, water depth, cell aspect ratio, hydraulic loading rate (HLR), hydraulic residence time (HRT), and volumetric efficiency. The ICPR model will consider the conceptual design and alternative concepts for the STA itself and the surrounding area to eliminate offsite flooding and evaluate the impacts of hydrologic changes to connected systems as required by regulatory permitting. The ICPR model can be used to account for interaction with groundwater. Additionally, the District and U.S. Army Corps of Engineers have developed design procedures to determine necessary freeboard heights based on design storm events, wind-caused wave effects, and the hazard classification potential of the impoundment. District Design Criteria Memorandum 2 (DCM-2) recommends specific wind and precipitation criteria for freeboard design for stormwater treatment areas (STAs) and reservoirs. DCM-1 covers hazard potential classification. To accomplish this, wave height and runup will be modeled in support of estimating a freeboard value for the design.

Geotechnical investigations

Preliminary geotechnical investigations will be conducted to evaluate the suitability of the project location for construction. Geotechnical investigations will inform parameters important to hydrologic modeling efforts including depth to consolidated materials, depth to the aquifer, and hydrologic conductivity of soils. As the project progresses, additional geotechnical investigations will be conducted specifically to identify potential structural failures and embankment breaches.

Existing conditions

Existing conditions will be evaluated and documented by Phase I and Phase II Environmental Site Assessments (ESAs), as required. The Phase I ESA evaluates current site conditions and identifies recognized environmental concerns, such as suspect storage practices, distressed vegetation, etc. The inspection is supplemented by a review of environmental databases, historical aerial photos, the U.S. Army Corps. of Engineer's database of formerly used defense sites, and by telephone interviews with owner representatives and regulatory agency contacts. If available, cultural resources (i.e., evidence of Native American or other archaeological artifacts) reports are reviewed. All the above-described activities are useful in evaluating existing or potential site environmental impairment due to current or past land use.

Phase II ESAs further evaluate areas identified in the Phase I by performing soil, sediment, and groundwater sampling. ECT combines its knowledge of pesticides and herbicides used in typical farming operations with owner-provided information to design a list of analytical methods to characterize the property. The primary concerns arise from agrochemical applications, fueling operations, and chemical storage and mixing operations. A typical suite for citrus farming would consist of organochlorine and organophosphorus pesticides, chlorinated herbicides, eight RCRA metals, copper, and total organic carbon (TOC). TOC is essential for food chain modeling and interpretation of individual sample results, bioassay results, etc.

Sampling of agricultural fields is conducted in accordance with the 2008 Protocol developed by the District and USFWS, whereby equal aliquots of five samples are composited to average sample concentrations over a localized area. In citrus groves, samples are collected along the drip line, irrigation ditch, and the adjacent road. All samples are collected in a cylinder from the ecologically relevant 0- to 6-inch horizon and homogenized to an equal extent.

Point sources receive a higher frequency of samples than non-point sources areas. The goal of point source assessment is to collect sufficient data to derive approximate remediation costs, if appropriate, for each point source location. Agricultural fields receive a frequency of samples proportional to farm size, where close-proximity discrete samples are collected from properties less than 500 acres at a frequency of 10-20 acres and 50-acre composite samples are collected from properties greater than 500 acres.

Data are evaluated against Chapter 62-777 of the Florida Administrative Code (human health and environment) and the sediment quality assessment guidelines (SQAGs) based on source type. Any point source and agricultural field exceedances are noted in the analytical data summary tables. Individual cultivated area samples are screened, though site-wide 95% upper confidence limits of the mean are more relevant for most ecological receptor forage areas in a water resource project. Ecological risk thresholds are typically several orders of magnitude lower than human health standards, and future land use also typically limits human health exposure and risk.

When a Phase II ESA identifies agrochemicals exceeding ecological thresholds, the RES Team conducts a screening level ecological risk assessment (SLERA) to evaluate whether contaminants will pose unacceptable risk to ecological receptors. The 95% upper confidence limits of the mean concentrations are compared to SQAGs to assess whether corrective action may be warranted. Risk from bioaccumulative contaminants to higher trophic levels (e.g., birds) are evaluated utilizing a fugacity-based food web model. Further evaluation may be conducted through an expanded ecological risk assessment which can include sediment toxicity testing, background evaluations, and bioaccumulation studies.

Conceptual Design

The goal of the conceptual design is to meet the project objectives while incorporating the lessons learned of the previous STAs and the SFWMD design standards and Design Criteria Memorandums (DCM) into a preliminary site plan and treatment system. The conceptual design will evaluate the following system components:

- Storage capacity: acre-ft
- Throughput: cfs
- Treatment goals: ppm phosphorous, turbidity, suspended solids, etc
- Vegetation
- Variation (to simulate rainfall patterns)
- Gates
- Control structures
- Utility requirements
- Operation and maintenance

The conceptual design will incorporate the following design alternatives and project components:

- Pumps: sizes, types, arrays & arrangements
- Foundation
- Building
- Power (diesel, NG, propane, utility, back-up, emergency)
- Gates

The conceptual design will also be evaluated to align with District approaches to constructing STAs, including:

- Hazard potential classification
- Wind and precipitation design criteria for freeboard
- Spillway capacity and reservoir drawdown criteria
- Minimum dimension of embankments (levees or dams), ramps, pull outs, and access roads
- Pump station engineering
- Development of opinion of probable construction costs

Plant community types typically found in constructed treatment wetlands and STAs include emergent macrophyte vegetation (EMV), submerged aquatic vegetation (SAV), and floating aquatic vegetation (FAV). In most constructed treatment wetlands, the dominant type is EMV. This plant community type is highly reliable for effective nutrient removal in most applications. Based on the phosphorus removal objectives of the project, SAV with associated periphyton area also a suitable plant community type, depending on the design. The success of selected plant communities depends on their range of tolerance to the fluctuating water regime actually experienced in operational STA. Available information related to hydrology and plant tolerance will be reviewed and considered in the design process to optimize performance.

Depending on the inflow phosphorus concentration and antecedent soil phosphorus concentration, soils within the Project Area may serve as sources of TP when subjected to wetland hydrologic conditions. The RES Team will collect soil samples to evaluate the potential for phosphorus release and whether soils may represent a significant internal load to the system. This potential load can then be incorporated into performance modeling to determine the design parameters necessary to ensure the project will achieve treatment objectives, including inverting soil profiles similar to the approach taken at STA-1W and other mitigation strategies as identified under the Restoration Strategies plan.

Supplementary Services

Other design parameters that cannot be directly evaluated with modeling programs such as DMSTA2 may be assessed in a semi-quantitative or qualitative manner. The following supplementary services provide additional information necessary to evaluate these parameters, should the need arise.

STELLA Model

A system dynamics model such as STELLA can be used to test and validate conceptual configurations and operating rules (storage and pump capacities, locations of intake and discharge structures) and test alternative operating protocols/screen alternatives before modeling in DMSTA2. Multiple models and associated information, including structure and channel routing, flows, design storms, stages and hydrographs, seepage estimates, surficial aquifer modeling, and TP removal remates can be integrated in a system dynamics model to understand connections and their influence on overall system performance. Furthermore, a STELLA model can be customized to integrate other supplementary components that may determine system outcomes, such as internal loading of nutrients and organics, wildlife utilization scenarios, etc. The RES Team is highly experienced in building extensive STELLA models for use as decision-support systems that account for a wide range of interactions and feedbacks and provide meaningful project insights.

Ecological risk assessment

Based on historic land use in the region, soils in the Project Area have the potential to release contaminants into the water column of the STA. Considering this, an ecological risk assessment can evaluate the support of the project for potential wildlife habitat and public use features. The RES Team has extensive experience in risk assessment, including studies specific to target species such as the snail kite, and a history of working with the SFWMD to accomplish such project objectives. The results of a risk assessment may be incorporated into the design in order to avoid conditions that promote high contaminant concentrations within the STA.

Sediment accretion rate and system life expectancy

Phosphorus removal in STAs initially occurs via uptake into macrophytes, algae, microbial assemblages, and invertebrates, sorption to sediments, and precipitation. Over the lifetime of a treatment wetland, these storage compartments can be saturated, with the time required for saturation dependent upon multiple factors including the HLR, inflow phosphorus concentration, substrate type and antecedent soil phosphorus concentration, and biomass growth rate. The RES Team includes highly skilled specialists that can determine the rate of sediment accretion for the STA using a range of approaches, from literature review to short-term accretion studies. Depending on the conditions mentioned previously, an understanding of sediment accretion rates and system life expectancy may be important to the overall design and configuration of the system.

Design and Permitting Scheduling

The proposed project schedule would include the following:

- 6 months for preliminary engineering, including survey, cultural, ESA, soil P, wetland delineations, modeling.
- 24-30 months for design, including 30%, 60%, 90%, 100%, and bid documents
- There will be document control, Dr. Checks reviews at each milestone, and the team anticipates design review workshops at each milestone.
- 12-18 months for permitting, depending on the time the permit design drawings are submitted and the monitoring season for certain T&E species anticipated to be likely found at the site (e.g. Audubon's crested caracara [Polyborus plancus]).

Cost Estimating

An engineer's estimate of probable cost will be prepared at each design stage (conceptual, 30%, 60%, 90% and 100%). The cost estimate will be prepared using MCASES.

Controlling and Coordinating Information between Design and Construction Teams

The RES Team's design and construction professionals have years of experience working and collaborating on large and complex projects. RES' unique vertically integrated structure enables seamless coordination between restoration design professionals, construction administrators, and field staff. Our team critically evaluates each design considering both construction cost and construction feasibility. For typical RES projects, these designs are evaluated before final mitigation plans are developed, in order to identify key issues such as cut-to-fill balance, access limitations, utility or infrastructure conflicts, and materials availability.

At the initiation of the contract, RES will prepare a Design Execution Plan which will be discussed and refined during the Kickoff Workshop. This Plan will layout the design approach and process. The design team will have weekly design calls and monthly progress meetings, in addition to more frequent in-person and remote collaboration on project design components. The RES Team has a suite of collaboration tools including interactive cloud-based, secure file sharing technology, and secure video and screen sharing capabilities that we use to share design information and work together, even when we cannot physically be together. During the construction phase, on-site construction support will be provided by the design team, with frequent and regular check-ins with construction management staff to ensure that construction challenges are overcome quickly and efficiently.

Constructability Issues

In addition to technical training, our specialists and designers have access to our active construction projects, offering real-world insight into constructability issues. Our experience constructing and then monitoring restoration projects post-construction allows us to understand the longevity of certain design practices. We select approaches that require limited to no long-term maintenance and include critical lessons- learned in our design packages which benefit the long-term stability of our projects.

Interfacing with the Owner

Please refer to **Obtain District Input Section** below.

Design Development and Value Engineering Activities

Value engineering (VE) for the project will be conducted by the design team in accordance with USACE VE Requirements to ensure compliance. The value methodology uses a systematic job plan to identify essential functions necessary to accomplish an activity, analyze those functions, and generate alternatives to secure them at their greatest worth on a life-cycle benefit-to-cost basis. The use of the value methodology will facilitate the selection through evaluation and analysis of the "best value" alternative for those functions.

The USACE requires that VE, at a minimum, follow the six-step Job Plan as prescribed by ASTM and SAVE International standards; Information, Function Analysis, Creativity, Evaluation, Development, and Presentation. Studies shall include and document legitimate function analysis methodology (e.g. FAST diagrams) and generation of alternatives and not be simply project review sessions. The design team will schedule VE studies as early in the process as possible (~30% design or sooner) and incorporate VE studies during alternative development and again during the final design phase.

Land Acquisition

RES used GIS and local knowledge to identify properties that were located within the requested project area. R Bar Estates and Lake Cattle Ranch are uniquely situated in the S-133 Basin and are bordered by the C-38 on the west and Lemkin Creek on the east. Our project sites are the best in the area to capture nutrient loads from the S-133 which includes farming and the development activities from the City of Okeechobee. These landowner partners have been in the area for many years and are very excited to be a part of a water quality project. They will join the team as partners and RES will enter in long-term lease for the project site upon award of Phase 1. Executed Letters of Intent from key landowners are provided in **Appendix B**. We are also in active, constructive negotiations with an adjacent landowner which will provide useful access to Lemkin Creek further downstream. Landowner maps are provided in **Appendix A.**

Design

Please refer to the Design Development section of this approach document.

Construct

Please refer to the Construction section of this approach document.

Operation and Maintenance

Please refer to the Operations & Maintenance section of this approach document.

Transfer of the Project

Once awarded, RES will enter into a lease for up to 24 years with the land partners. Before the end of the lease, we will discuss a transfer of the land and project with the SFWMD. We believe there are both economic and

performance benefits to the SFWMD to allow RES to stay on the project and be responsible for its success. As showcased in our project reference forms, we have the proven work history and financial resources to provide assurances for the success and performance of the project.

RES proposes a 15-year O&M period instead of transferring the project at the end of 5 years. Before the end of the O&M period, RES will discuss a transfer of the site and project. We believe there are both economic and performance benefits to the SFWMD to allow RES to stay on the project for 15 years. As showcased in our project reference forms, we have the proven work history and financial resources to provide assurances for the success and performance of the project.

Permitting

During Phase I, the RES Team will initiate the permitting process with FDEP and USACE through pre-application meetings.

Regulatory Permits

The project site is likely to contain jurisdictional waters. The RES Team will conduct a field delineation to identify the presence of wetlands, streams, and other surface water features subject to Florida Department of Environmental Protection (FDEP) and/or U.S. Army Corps of Engineering (USACE) jurisdiction within the boundaries of the proposed Stormwater Treatment Project. The RES Team has Professional Wetland Scientists (PWSs) and other well qualified staff in close proximity to the project area to support this work. In 2021, FDEP assumed responsibility for federal Section 404 Waters in Florida, other than certain waters "retained" under federal jurisdiction and those on Native American lands. Insofar as the project location has not been determined, the RES Team assumes there will be federally-retained waters within the project limits.

During Phase I, jurisdictional wetlands/waters will be delineated using currently accepted state and federal methodologies, where applicable (Chapter 62-340, F.A.C. and the U.S. Army Corps of Engineers 1987 Wetlands Delineation Manual). The RES Team will flag the top of bank of streams and wetland/upland boundary of wetlands within the site, and the flag locations will be digitally captured using differential global positioning system (dGPS) unit with sub-meter accuracy. During the wetland delineation, we will photograph identified wetlands and streams. The RES Team will complete the requisite FDEP and USACE wetland determination forms during the field assessment for each wetland.

Upon returning from the field, we will download the GPS data and overlay the wetland and surface water jurisdictional areas on an aerial photograph and engineering exhibits. Electronic files with wetland limits will be made available to SFWMD if requested.

The RES Team will accompany SFWMD and USACE on field visits to verify wetland boundaries and adjust survey drawings as necessary based on agency input.

Threatened and Endangered Species

The proposed STA is located within an area inhabited by numerous federally- and State listed species. Successful consultation with the United States Fish and Wildlife South Florida Ecological Services Field Office (SFESF) and the Florida Fish and Wildlife Conservation Commission (FWC) will be critical to resolve potential conflicts with listed species. The project area lies within the federal consultation or focus area of the Florida Panther (Felis concolor coryi), Florida bonneted bat (Eumops floridanus), Florida grasshopper sparrow (Ammodramus savannarum floridanus), Audubon's crested caracara (Polyborus plancus), Florida snail kite (Rostrhamus sociabilis plumbeus), Florida scrub jay (Aphelocoma coerulescens), red-cockaded woodpecker (Picoides borealis), and

wood stork (Mycteria americana). Other protected species likely to be present include the bald eagle (Haliaeetus leucocephalus), gopher tortoise (Gopherus polyphemus), and several State-listed wading bird species.

The RES Team has previously consulted with the SFESFO and the FWC for many of these species programmatically, informally, and through formal Section and consultation processes and has prepared Biological Assessments and other species conservation plans. Our team's in-house biologists are very familiar with these consultation processes, local agency staff, and successful conservation measures to avoid, minimize, and mitigate for wildlife impacts. We have conducted formal surveys for all of the species potentially present within this location and are trained to or can provide:

- FWC Authorized Gopher Tortoise Agents
- USFWS Authorized crested caracara observers
- Full acoustic/roost surveys for the Florida bonneted bat

During Phase I, the RES Team will initially identify plant and animal species classified as endangered, threatened, or of special concern that are known to occur or are likely to occur on the project site based upon literature reviews, GIS databases of known occurrences of listed species, and available habitat. Subsequently, our team will conduct a reconnaissance level field assessment for flora and fauna, including listed species, to record sightings, signs, calls, tracks, nests, cavities, burrows, and probable habitat of wildlife observed. The team will advise SFWMD as to the known or likelihood of occurrence of listed species within a critical distance of the project area, potential consultation pathways for each species. If warranted, we will be available to conduct formal protocol surveys for identified species and will prepare a Listed Species Evaluation Report for agency review. Depending on the species present with the Project Area, the RES Team may initiate formal consultation during Phase I, as the outcomes of consultation can be critical to project design and the project schedule.

Environmental Resource Permitting / Section 404 Permitting

The RES Team will prepare an individual environmental resource permit application/Section 404 authorization for unavoidable impacts to wetlands or surface waters and for the proposed stormwater management system. This application will contain:

Application forms
Wetland maps and associated field delineation data sheets
Wetland functional assessments, tabular and graphic wetland impact sheets, calculation of mitigation requirements using UMAM and a compensatory mitigation plan (if necessary)
Boundary survey and legal description
Proof of Real Property Interest
Permit exhibits (e.g., location map, aerial photos, soils, and pre- and post-development land use maps)
Stormwater management calculations and plan certified by a Professional Engineer in Florida
Threatened and endangered species findings
Cultural/archaeological findings (provided by Janus)

A draft of the application will be provided to SFWMD for review following completion of the site design, and a final permit application will be prepared that addresses comments. It is anticipated the applications will be submitted electronically to the applicable agencies. ECT will address requests for additional information (RAI) as necessary.

It is possible the project site will contain federally-retained wetlands and/or is located in Native American lands, and therefore a separate federal Section 404 authorization would be required for dredge and fill within these wetlands. If so, our team will determine the proper Section 404 permitting mechanism (Individual, Nationwide, or Regional General) and prepare and submit the requisite application forms, exhibits, and other supporting

documents to the USACE Jacksonville District. We will schedule and participate in one virtual preapplication meeting with USACE prior to submittal to orient their staff to the project.

NPDES Permitting

Pursuant to 403.0885, F.S., a National Pollutant Discharge Elimination System (NPDES) permit must be acquired from FDEP to operate, maintain and discharge from the STAs. Discharge locations and volumes determined in the final design will be submitted for NPDES permitting. The RES Team has successfully obtained NPDES permits for a variety of sites across Florida and will apply these skills to ensure the success of this project.

Local Agency Permits and Municipal Permits

Local agency and municipal permits will likely require the development of erosion and sediment control plans and stormwater pollution prevention plans. These plans detail best management practices (BMPs) implement during construction that provide reasonable protection from accidental discharge of prohibited materials or other wastes into the (MS4) or watercourses. In addition to these plans, local agency and municipal permits will also include utility permits with the Building Department.

Construction Permits

Construction permits will be obtained upon District approval of the above-mentioned permits.

Final Acceptance and Operational Permit

Once permits have been accepted, the system may be operated to maintain water levels to optimize phosphorus uptake effectiveness within the treatment components. Responsibility will also be assumed to properly operate and maintain the facility per the permit conditions. Additionally, the permit will have water quality monitoring requirements for compliance. The RES Team includes highly trained staff with experience in monitoring requirements and SOPs for ensuring discharge limitations and monitoring requirements as required by FDEP are met following the issuance of the permit. Additional information on the Operation and Maintenance of the Project, including development and implementation of the Operations Plan, can be found in the **Operation and Maintenance Section** below.

Design Process

Phase I

Design and permitting tasks will be led by Sanjiv Sinha, Phd, PE as Engineering Design Manager. He will be supported by other ECT staff members who have longstanding, successful working experience with SFWMD including Mark Culbreth, PG, and also Chris Keller of WSI.

The RES Team will develop a conceptual design and a design development report (DDR). During the development of the conceptual design and documented in the DDR the following criteria will be used to optimize the conceptual design:

- Cost (capex, opex)
- Functionality
- Constructability
- Maintainability
- Environmental impact/improvement
- Value engineering

The selected conceptual design will be presented in a conceptual design workshop where the RES Team and the SFWMD team will review the concept in a collaborative forum. The goal of the workshop will be to develop a consensus on decisions necessary to proceed to the 60% design phase. The 60% design phase will include

additional geotechnical site investigation to evaluate the suitability of onsite soils for embankment and structure foundation design. In addition to the geotechnical investigation additional topographic information will be collected to complete the 60% design and refine the estimate of probable cost.

Phase II

The Phase II design will incorporate a traditional design approach including 30%, 60%, 90%, and 100% design submittal and associated collaboration with the SFWMD team. The RES Team will employ a quality control process and perform failure mode analysis as the 60% design is being developed. The failure mode analysis will be used to evaluate structural failures, embankment breach, and treatment failure such as short-circuiting. In addition to failure mode analysis operation, monitoring and maintenance will be optimized.

At the completion of the 60% design pre-application meetings will be held with permitting agencies to determine permitting requirements and requirements that may impact the 90% design development. Permit applications will be developed during the 90% design development and submitted after the design review meeting with the SFWMD Team.

The engineers' estimate of probable cost will be refined at each stage of the design development.

Equipment Selection

Key highlights of our specialized equipment selection include:

- Wide-track, or low-ground pressure (LGP) equipment, which spreads the weight of a machine over a much greater surface area and allows mobility where standard equipment would sink and destroy the soil and root structure.
- Excavators, both large and small, equipped with hydraulic “thumbs” for placing stone and log structures.
- Smaller, more maneuverable equipment, some with full rotational capabilities, which allows access through existing protected forest and braided channels while reducing the impacts within sensitive natural habitats.
- An ample supply of both timber and deck mats to create access roads, which keep machinery such as excavators from sinking into the soft ground, minimize impact and create temporary access bridges across wet areas.
- Pump equipment to be adequately sized based on hydrological analyses. Utilizes combination of diesel power and electric for backup or low flow conditions.

Constructability Reviews

RES’ unique vertically-integrated structure enables seamless coordination between restoration design professionals, construction administrators, and field staff. Our team critically evaluates each design considering both construction cost and construction feasibility. For typical RES projects, these designs are evaluated before final plans are developed, in order to identify key issues such as cut-to-fill balance, access limitations, utility or infrastructure conflicts, and materials availability.

Our constructability reviews typically focus on the following aspects:

- Geotechnical investigations and recommendations (structure, embankments, seepage, etc.)
- Detailed site survey
- GIS data
- Environmental characterization
- Utilities: underground and overhead
- Material availablity and sourcing costs

Obtain District Input

District input will be incorporated into the project design at various points in the project timeline (**see Table 1).** At the initiation of the project, the RES team will gather SFWMD staff including the SFWMD PM, engineer staff, science and engineering team, and STA operations and O&M personnel to provide input and background information for developing the conceptual design. During Phase 1, SFWMD will also be asked to review the conceptual design and participate in the conceptual design workshop, provide review of alternative concepts and 60% design, provide input on agency pre-application meetings, and provide input on final design development. In Phase 2, the District will provide input on the final design development as well as plans, specifications, and other bid documents in addition to the constructability review. District feedback will also be solicited during the operation plan development and District staff training to ensure that the District is well-prepared to take ownership of the project at the end of the testing and operation period.

Designer Involvement in Oversight of Construction

The designer will be engaged in construction oversight from the bidding phase of the project through final completion. The designer will assist will critical decision making and direction of construction and engineering team. The designer's scope will include, but is not limited to, the following tasks:

- Project bidding assistance
- Responding to requests for information
- Review of bids
- Shop drawing review
- Preconstruction kick-off
- Construction site inspection, layout and reporting
- Management of construction inspectors
- Milestone observation
- As-built review and certification

Construction Approach

Safety

The RES Team is committed to ensuring the safety and health of employees, subcontracts, vendors, and clients and to maintaining safe, secure and environmentally friendly work environments. Before the start of any project, project management teams, in collaboration with the RES Team's EHS&S Specialists, work to mitigate and control any known or potential hazards that may be encountered. For the duration of all projects, RES Team employees participate in monthly companywide trainings, weekly toolbox talks, and are provided additional training as needed for project-specific hazards or tasks, during which the entire RES crew and subcontracted crews onsite will be present and can ask questions or voice concerns.

All RES Team project sites are safety-inspected by an EHS&S Specialist. Project Management observes the project site at least weekly and helps identify and mitigate hazards or potential hazards. In the event of an incident or accident, RES employees follow established reporting procedures to ensure the appropriate response to any situation, as well as provide proper notification to landowners and clients. The Superintendent, crew, PM, and CM will work through a Activity Hazard Analysis (AHA) for the different required operations, prior to the work happening so that all safety and quality highlights can be discussed and addressed before performing the work. Our subcontractors review and sign off on the RES Vendor Code of Conduct and are held to the same standards that RES holds for ourselves.

Prior to beginning construction on any project, supervisory RES staff hold an overall safety meeting for all field crews, subcontractors, and project managers to introduce project-specific hazards and the best ways to mitigate those hazards. During this meeting, an Accident Prevention Plan (APP) outlining RES' safety procedures and how

they would be customized for the particular project is reviewed. The APP includes descriptions of RES' safety protocol regarding Project organization, staff certification, personal protective equipment, geographic constraints, emergency response planning, and other project-specific items.

When a new task is to be conducted on-site, RES supervisors will lead the Project crew in an Activity Hazard Analysis (AHA) for that particular task. An AHA is performed to address potential hazards specific to the Project task in question and how best to minimize hazard exposure to employees on-site. In addition, RES routinely develops Site-Specific Safety Plans modeled on the US Army Corps of Engineers (USACE) EM 385 Safety and Health Requirements Plan. RES's safety plan will include, at a minimum, the following elements: Identifying responsibility and lines of authority, requisite training to be onsite, the safety and health inspection schedule and daily meeting protocol, accident reporting protocols, medical support plan, PPE required, and several other issues that will help to reduce the potential risk for onsite job injuries.

We recognize that smaller firms or some MBE/WBE/DBE firms may not have the same resources or work history to have fully vetted Safety Plans or systems in place, and it is incumbent upon companies such as RES to work with these firms more closely to ensure growth, understanding, and compliance. Through constant internal review, should deficiencies with subcontractor or vendor safety plans arise, the RES Project team will work with these firms to help bring them into compliance with doing business with RES as well as being able to deliver on and fulfill the Project requirements. By establishing these good steward relationships with subcontractors and vendors as well as establishing our reputation of working with subcontractors we are confident that through our outreach to date as well as our continued outreach moving forward, we will be able to effectively and efficiently manage all the subcontractor workflows required.

Heat exhaustion is a safety issue of the utmost importance in Southern Florida. Our safety plans and procedures require precautions to avoid this dangerous condition. We require personnel to hydrate early and often. Our construction trailer offices will serve as an air-conditioned shelter from the heat. During the hottest months of the year, we often shift working hours to the cooler parts of the day and require extended breaks during the mid-day heat.

Special Safety Considerations Due to COVID-19

During this time of uncertainty brought about by COVID-19, RES' Environmental Health Safety and Security (EHS&S) team has taken careful steps to ensure the health and safety of employees, subcontractors, vendors, and clients, while also ensuring the timely completion of project deliverables. We have instituted stringent return-to-work policies for all employees, including those who have been exposed or may have been exposed to direct or indirect contact with contagious persons. During the past few months, we have had to adapt to the evolving updates and guidance coming from the CDC, as well as guidance from the State, regarding safe operations and safe work practices, and we have been able to continue to meet the needs of all our clients through our continued project performance and delivery.

RES maintains the ability to continue work while navigating through the pandemic by upholding a strong commitment to open communication channels with all staff members and project partners. RES has implemented recurring informational conference calls with nationally and locally tailored guidance. RES has enacted strict protocols defined in a COVID-19 Risk Management Plan and supplied official Essential Supplier Letters for staff to carry with them during fieldwork in case of questioning by officials. When on-site visits are required with multiple team members, personnel travel with only the maximum required individuals per vehicle, wear appropriate PPE and maintain social distancing. Additionally, no guests are permitted in RES offices or project sites and all staff members have been equipped with cleaning supplies to thoroughly disinfect surfaces upon arrival and after equipment use.

Construction crews are site-specific, and no crew member will be working on multiple sites, within multiple crews. If multiple crews are on the same site, they work in separate areas and have separate equipment, restrooms, and wash facilities. No guests are allowed on site and all management and maintenance personnel are kept to the absolute minimum required to complete the work and maintain social distances at all times. Each construction site is also stocked with the appropriate personal protective equipment, i.e., masks and sanitizing products.

Not knowing what the future may hold with additional outbreaks of COVID-19 across the Country, it is difficult to institute a 'one size fits all' standard approach and plan, however, we are approaching the situation with the flexibility necessary to adapt to any on-the-ground circumstances. We will continue to reach out and coordinate site and project needs with our clients, suppliers, vendors, and staff to ensure that the appropriate steps and measures are being taken to protect all of our project stakeholders.

In the event of staff departure, sick leave, or reassignment, respective team members will be replaced by staff with qualifications that are equal to or exceed those of departing staff, pending client approval. Replacement staff will receive a full debriefing and undergo a training period with outgoing Project staff. In such instances, the Project Manager will provide close oversight via weekly status calls with the incoming and outgoing staff, both together and separately, to ensure all relevant contract information and client preferences are communicated. QA/QC Managers and the Contract Manager will also be involved throughout any staff transitions and provide support to senior management.

Quality Assurance

Stringent Quality Assurance (QA) measures, which include peer review and supervisor signoffs, are built into the project management philosophy of the RES Team. As specific technical deliverables are developed, QA Reviewers are assigned to review each product for technical accuracy before it is submitted to our client or a regulatory agency. These QA reviews are conducted for site-specific data, individual documents, plans, reports, and specifications. Additionally, our construction crew leaders maintain daily logs which are discussed at daily quality meetings to ensure that issues do not go unaddressed.

In addition to individual QA Reviewers for major tasks, the Project Manager provides a QA check of major deliverables as well. The Project Manager is ultimately responsible for the quality of the deliverables, and they take that responsibility seriously, carefully reviewing each decision and conferring with other project managers for valuable insights. Each RES project is assigned an overall Contract QA Manager who ensures that the overall contract is managed effectively by the Project Manager. The QA Manager meets with the Project Manager bi-weekly to ensure adequate coordination takes place between internal Task Managers and QA Reviewers, the client, subcontractors (if any), and the regulatory agencies.

Lastly, RES' Executive Team is routinely apprised of project statuses and decision-making outcomes and provides additional review for technical concurrence at each stage of the process. RES' dedication to excellent work, combined with a comprehensive QA/AC procedure tailored to each project, assures quality results for clients.

Risk Factors and Mitigation

Please refer to the **Key Risk Factors Section** below.

Division of Work

RES will be ultimately responsible for successfully completing construction. The construction team was selected based on their work quality and experience with the SFWMD. The Lead Constructor is Seminole Design Build, Inc with technical support provided from B&B Site Development. Collectively, the construction team will be responsible for building all treatment cells with B&B Site Development taking a lead on working with ECT, Inc and Barnes Ferland & Associates, Inc leading the pump station installations.

RES and their internal crew members will be responsible for planting in accordance with the approved planting list as specified during to the design.

Use of Subcontractors

RES is committed to achieving the 25% small business goal set forth for this contract. Accordingly, the RES project team will be supervising, facilitating, and coordinate the work of subcontractors for a number of project services.

RES expects that our subcontractors will have and provide the necessary project managers, superintendents, and foremen to supervise their work in a safe and efficient manner, but RES will provide overall coordination and supervisory oversight on all features of work. Subcontractor personnel will report to RES project staff and Subcontractor supervisory personnel are expected to participate in project meetings along with the RES Team supervisors. These meetings may include but are not limited to: weekly toolbox meetings, weekly schedule meetings, daily shift coordination meetings, pre-activity meetings, and monthly project-wide safety meetings. During pre-activity meetings, and other meetings as needed, subcontractor and RES Team personnel will be briefed on work activities and provided the opportunity to raise questions in a collaborative and proactive environment. The RES Team's subcontractors are an extension of the RES Team and will be managed as such.

RES is well-versed in managing multiple subcontractors across a diverse range of work paths, and we utilize what we believe to be a straightforward approach. Our goal in subcontracting is to partner with firms that can provide specialized services that complement RES' core services of stream/environmental restoration and contract management, and that meet a need for the project at hand. RES has been in operation for over two decades and has an established network of suppliers and vendors that we have worked with extensively, with a number of these firms being SBE/SLBE/MBE/WBE firms. We take great care in picking firms with which to work and subcontract, and we consider the size, scope, and scale of a given project as we work to build our Project team. Each firm that we have reached out to and listed within our proposal is aware of the expectations that will be placed on this Project and the need to be able to perform and deliver the highest quality of work.

The RES Team listed for this contract has many years of experience working on large-scale multidisciplinary projects with the Metropolitan Washington Airports Authority, the Washington Suburban Sanitary Commission, Dulles Airport, Joint Base Andrews, Maryland State Highway Administration, Virginia Department of Transportation, Pennsylvania Department of Transportation, Pennsylvania Turnpike Commission, New Jersey Transit and a variety of Counties and Municipalities across the east coast. Our management and oversight experience covers not only our core stream and environmental work but also a variety of disciplines that will be required of the Project. Outside of the immediate RES Team, we are backed by additional teams and institutional experience that that can be leveraged should site issues or subcontractor delivery issues arise.

We recognize that our subcontractors' performance is a reflection RES' own performance, project management, and execution. While we would strive for every project to be executed flawlessly with no delays, it is unreasonable to believe this will occur without active management and communication. It is the Prime contractor's role to set the expectations on how work standards and metrics will be achieved across all project participants, and key to setting and achieving these expectations is effective communication.

Communication amongst the Project team is vital in executing the work or overcoming any issues encountered. We believe both good news and bad news should travel quickly so that we are able to assess and address any issues as they arise – the longer an issue goes unaddressed, the more difficult it is to acknowledge and correct. This guiding principle will be ensured not only between subcontractors and RES but between RES and NPS as well. Pursuant to this communication guiding principle, every subcontractor and vendor setting foot on our Project site will have to clear the internal RES safety and assessment program. All contractors are evaluated, tracked, and pre-qualified prior to initiating any work with RES and are required to attend training and sign RES' Contractor Code of Conduct. RES has implemented a contractor safety program for our facilities and worksites so that on-the-job incidents are minimized, accountability is enforced, and work practices standardized.

As has been referenced throughout our proposal we value regular and effective communication amongst the Project participants. Our project management team is experienced in oversight and management of the varieties of workflows for this project. We strive to empower our subcontractors in the execution of their work but if deficiencies are noticed or protocols are not being followed our management team has the experience within these work fields to be able to directly manage the subcontractors' field execution. We partner with our subcontractors to ensure that schedules are communicated, site status and work progress are updated, and that work that has been completed has been reviewed and documented.

Means and Methods

The RES Team is well versed in construction oversight and management of complex projects and timelines similar to those anticipated on the Project. RES employs experienced project management staff and construction crews that specialize in environmental restoration work within environmentally sensitive areas. RES plans to execute this contract through the utilization of strategic subcontracted partners as well as with our in-house ecological construction crews. RES currently manages 39 ecological construction crews comprised of 4-6 members each, which are led by superintendents who have been working in the stream restoration/ecological construction field for over 10 years and have significant experience building the specialized structures associated with the niche industry of ecological construction including stormwater treatment ponds and constructed wetlands. Each RES crew is equipped with hand tools and water pumps enabling a variety of tasks that may arise on any given site, including tree limbing and cutting, erosion and sediment control installation and maintenance, safety fence installation and maintenance, and stream bypass pumping. In the unlikely event that a project suffers from uncontrollable delays due to weather or other unforeseen events, RES' staffing approach enables the reallocation of regional crews to provide extra manpower and assistance to get a delayed task back into schedule compliance.

Within the Atlantic region, RES employs six full-time CDL drivers and trucks capable of delivering materials and equipment from our offices or yards located throughout the region to the project site. RES owns ~$24M in equipment, including excavators, skid steers, bulldozers, Hydrema off-road trucks, pumps, ATVs, hydroseeders, chippers, and straw blowers, as well as off-road fleet mechanics capable of servicing and repairing our equipment both onsite and at our shop locations.

RES' Ecological Construction Division is unique to the industry. First, our in-house construction crews have significant experience building the specialized structures associated with stormwater management systems, stream restoration and fish passage. Second, many of our construction management staff have undergraduate degrees in various environmental sciences and all of our staff have specific training on the installation of various environmentally beneficial structures. Lastly, all construction team members have easy access to our in-house scientific, design, and permitting professionals.

Because our construction staff is backed by field ecologists, restoration designers, and engineers, they are equipped with technical insight that enhances overall quality of product in the field. Due to the combination of well-trained construction crews and managers, RES' professional and nonprofessional staff understand that ecological construction must be an integrated process. This understanding facilitates problem-solving in the field and ensures projects remain on schedule.

RES owns over $24M of construction equipment used to construct our ecological restoration projects. In addition to typical general construction equipment, we have a large inventory of equipment specifically selected for work in environmentally sensitive areas (stream channels, floodplain and wetland areas), soft soils, and tight limits of disturbance. Key highlights of our specialized equipment include:

- Wide-track, or low-ground pressure (LGP) equipment, which spreads the weight of a machine over a much greater surface area and allows mobility where standard equipment would sink and destroy the soil and root structure.
- Excavators, both large and small, equipped with hydraulic "thumbs" for placing stone and log structures.

- Smaller, more maneuverable equipment, some with full rotational capabilities, which allows access through existing protected forest and braided channels while reducing the impacts within sensitive natural habitats.
- An ample supply of both timber and deck mats to create access roads, which keep machinery such as excavators from sinking into the soft ground, minimize impact and create temporary access bridges across stream channels.

Our experience extends beyond just design and construction and includes specialists in fields such as wildlife management and threatened and endangered species surveys. We are also experienced working around various time of year restrictions and would be able to schedule and coordinate work effectively around these periods of time and across our subcontractor team.

RES will be working with a variety of subcontractors for work flow under this contract. In our experience, due to the technical and specialized nature of STAs, there are a limited number of specialty subcontractors within the region, and our experience has generated beneficial working relationships with many of these firms. We aim to utilize SBE firms wherever feasible and fully intend to meet or exceed the contract inclusion goals.

RES has been restoring wetlands across the country and to date has completed restoration, enhancement, and preservation of over 62,000 acres of wetlands. Working in and around areas designated to be wetlands can present several challenges during construction. Wetland areas are identified and defined along three primary criteria: hydrology, soil type, and vegetation. Wetland hydrology requires an area to experience flooding or ponding across 14 consecutive days throughout the year and have a water table 12" or less below the soil surface elevation. Soil type within wetlands requires hydric conditions where free water (water table) is within 10" of the ground surface for at least 14 consecutive days and where anerobic conditions exist within the soil within 10" of the ground surface for at least 14 consecutive days as well. Under vegetation type classification for an area to be considered a wetland 50% or greater of the dominant plant species identified within an area must be obligate, facultative wet, or facultative in type. As the footprint for the wetland area creation within the Project is existing pond the classification of wetland area through vegetation identification will be achieved through post construction plantings as specified in the project planting plan. The challenge in creating wetlands lies in dealing with subsurface conditions. As noted in the plan set there are areas of bedrock that were noted during the design phase of the project; as well as documented ground water table elevations taken, which can cause issues with hyper-saturated soil conditions during grading operations. This presents challenges of construction due to the known presence of ground water as well as a design based on ensuring that the water table is within 12" of the final surface elevation. Ground water control and management will be a key component and challenge in achieving final grades within some of the project areas.

RES typically operates low ground pressure equipment (wide track excavators/bulldozers) as well as off road construction vehicles (Hydrema's, Track Trucks, etc..) that helps to mitigate wet and hyper-saturated soil conditions. Utilizing these types of equipment, we can limit over compaction of soil and subsoil that typical construction companies are not accustomed to dealing with for the success of wetland and environmental restoration areas. The RES subcontractor team slated to work and assist on the bulk earth excavation and grading is aware of the site conditions that will likely occur within wetland establishment areas. The hauling operation for this material will require the utilization of vehicles equipped with mud locks to ensure that sediment and hyper-saturated material does not leak or spill from those haul trucks. The excavation and grading of these areas will need to be done in a manner and staged such that completed work will not be tracked or traversed over to reach additional work areas. As final grade is achieved it is anticipated that the water table will begin to express on or near the surface and working across areas at or below final grade could create additional adverse working conditions. It will be important to ensure that the erosion and sediment controls are in place and functioning prior to the start of the wetland grading work. Water management techniques including pump-arounds, coffer dams or diversions may be implemented to facilitate excavation activities in wet conditions. Daily visual check

of erosion and sediment controls will be necessary along with weekly project wide erosion and sediment control inspection to ensure that no sediment is actively mobile outside of our work areas.

Mobilization

As soon as allowed by local permitting processes, RES will mobilize by setting up construction trailers, an equipment yard and material storage areas at the Project and begin prepping the site for construction. Once the first suite of final designs are completed and approved, we will begin construction. We are in very good position to move operations to the Project as soon as possible, therefore we will not have a delay in mobilizing resources to this Project.

Resource allocation is key to a successful mobilization (and implementation). Based on our internal budgeting process, we will estimate exactly how many hours each Project component will take to complete, by operator and by equipment, based on our design work. This will allow us to staff-up crews as needed to fit the construction schedule. We used this same plan on Bois d'Arc and other large-scale projects, which enabled us to grow and expand RES construction crews, with support as necessary from our subcontractors, to not just meet the clients' schedule, but finish early.

Phasing

The development of our phasing starts with (1) the identification of major tasks and the order of construction for these tasks and (2) development of a schedule of tasks and work breakdown structure so the milestone dates are met. Inflow of equipment, resources and materials is then coordinated based on the identified tasks and phasing. Manpower is also coordinated based on this phasing with special care not to create overlapping conflicts. Despite our best efforts to appropriately phase construction, weather or unforeseen issues could arise, therefore we create contingency phasing plans for unknown conditions that may affect the milestone schedule.

Logistics

The RES Team will oversee all aspects of work on this project and will be led by one of our Contract Managers (CM). This position is ultimately responsible for project compliance with established budgets, schedules, and quality goals. The CM serves as the primary point of contact with the client and is responsible for the management and support of all RES Team staff and subcontractors assigned to the project.

Our CM is supported by a Construction Operations Manager (COM). This individual is responsible for the management and allocation of crew staff and available resources for the project; monitoring scheduling, budget and billing oversight; conflict mediation; and verification of the project deliverables.

Working with the CM and the COM will be a Project Manager (PM) and/or Assistant Project Manager (APM). Day-to-day construction site activities are directed and monitored jointly by the construction site Superintendent and PM/APM. The PM/APM's primary responsibility will be daily project coordination and project progress, budget, and schedule tracking and reporting. The PM/APM will initiate and maintain a daily log for the job. They will keep field meeting minutes and document and obtain signatures for any field modifications to the proposed design. They will inform the CM of issues and concerns that may arise. The PM/APM will coordinate with the onsite inspectors, visitors, and other parties associated with the project.

The RES Superintendent is directly responsible for on-site effort to ensure that the project is constructed per the design, budget, and schedule, safety and quality. They supervise craft employees and/or other contractors as required. The Superintendent provides technical assistance and direction, i.e., interpretation of drawings, recommended construction methods and equipment, planning, schedule development, and execution of site work. They ensure that all on-site personnel comply with project procedures, safety, and quality program requirements, work rules, etc., document all violations, notify project management, and recommend/implement corrective actions as required. The Superintendent is responsible for the productivity of crafts, efficient use of material and equipment, and contractual performance of the project. They plan and supervise the day-to-day activities of craft employees – including determining the method of construction, manpower levels, material

quantities, equipment, temporary power sources, work schedule, and documenting actual hours worked. The Superintendent assists in resolving construction problems (productivity, work interfaces, schedule, etc.) as required.

Schedule and Cost Control

An important aspect of schedule and cost control occurs during our team's constructability review and schedule development. We identify potential overlapping tasks where reworking a particular item can be avoided. For instance, if a berm is required to be filled and subsequently excavated for pipe placement, our expert construction team will combine these tasks to avoid costly schedule delays and duplicate re-working of the same areas. During construction, we will also identify tasks that become inherently unproductive due to weather and adjust work phasing to reduce cost.

Within RES we have multiple individuals who are involved in setting schedules, work priorities and tracking overall progress across the project delivery on all our projects. Each project is assigned a Contract Manager (CM) who is ultimately responsible for project compliance with established budgets, schedules, and quality goals. The CM serves as the primary point of contact with the client and is responsible for the management and support of all RES Team staff and subcontractors assigned to the project. Our CM is supported by a Construction Operations Manager (COM) who is responsible for the management and allocation of crew staff and available resources for the project; monitoring scheduling, budget and billing oversight; conflict mediation; and verification of the project deliverables.

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Through implementation of our management plan, we have lots of visibility into progress and productivity as it relates to the overall project schedule. We have a deep bench of support staff and crews that could be mobilized and utilized if key features of work begin to lag in order to help pull the schedule forward.

Weather always has the potential to disrupt schedule. If weather significantly impacts production, we may seek to increase our workforce to get back on schedule. When additional resources are not available, we increase work hours for already assigned crews and often shift hours to cooler parts of the day to avoid heat exhaustion during the hottest months of the year.

Other Key Construction Activities

A key consideration for the Project will be site access and identifying optimal locations for staging materials and equipment during construction operations. We recognize that field conditions frequently change between design and construction phases and efficiencies may be gained by adjusting access, staging, disposal and loading areas as allowed by the permit. RES will utilize an agile approach to site logistics throughout the project via feedback loops implemented in our project management structure.

During construction, we work closely with the stake-out and as-built survey crews so we're minimizing downtime and maximizing the efficiency of our construction labor force and budgets. Prescribing survey crews to perform as-built survey throughout the construction phase as crews progress may reduce time needed for reaching substantial completion milestones.

Planting and site stabilization will also be a key element of construction activities. Phasing and time of year considerations will be made to help ensure completed elements of the project are planted and stabilized as soon as possible following construction. The utilization of local, and RES-owned nurseries will be crucial to an efficient planting operation and ensure native species goals are achieved.

Critical Work Components

- Preliminary Design
- Permitting
- Survey
- Engineering Studies
- Final Design
- Construction
- Grading and Excavation
- Pump station installation and testing
- Control Structure installation
- Compaction testing
- Planting and StabilizationPlanting
- Commisioning and Performance Testing
- Operation and Maintenance

Successfully Completing these Work Components

RES will implement a robust project management structure to apply the approaches to each phase outlined in this proposal. From day one the project management team will be focused on achieving successful completion of the project. This begins with a thorough understanding of the projects goals, stakeholder engagement, a clear management plan and schedule and constant collaboration amongst our team. RES will apply our extensive design build project experience throughout with a focus on factors critical to the success of the project as shown above.

Developing and Stipulated Price Proposal Process

The RES team will begin developing the stipulated price proposal by aggregating the estimated costs of individual activities and work packages outlined by the approved design. Each component of work will be evaluated using bottom-up and parametric estimating techniques. The compilation of these cost items will inform the baseline budget as well as contingency reserves. RES will incorporate a project schedule and timeline to outline the various phases and components of the projects as well as identify which team firm will be performing those tasks. Vendor quotations in addition to the self-performed estimated tasks will form the basis for capturing a comprehensive budget figure to be presented the District.

Approach for Development of the Amount of Cost Contingency

The derivation of the cost contingency will begin with a thorough assessment of project risks including a risk matrix and risk registry. The development of our contingency estimate (and all budgetary estimates) is based on years of experience with similar projects and comparisons to real-time budget performance on all RES Team projects. Risk items will be weighted based on likelihood of occurrence and overall impact to the baseline budget. Variances associated with estimating unknown quantities of materials that will be identified during the design phase will be noted to inform the contingency fund. The estimating team will determine these items as appropriate for capturing a budget amount sufficient to cover the delta between estimated and actual quantities. RES will utilize parametric estimating tools to allow past or similar project actual cost items to be the basis of estimating associated contingencies.

Key Risk Factors

Identifying and Mitigating

Design and Construction Risk Factors

Although we plan for any number of potential obstacles prior to groundbreaking, there are inevitably slight field modifications that need to be made based on unforeseen conditions at the time of construction. The design team completes the feedback loop by working in lock step with the same construction managers to resolve these issues and ensure the performance of the approach while remaining on schedule. This continuity is facilitated by management teams' daily oversight of construction progress as well as weekly meetings to keep the design team and construction management on the same page, identify upcoming needs for additional resources, and solve problems as they arise.

The flexibility built into our construction approach is integral to mitigating risks and the quick resolution of obstacles as they arise. Our goal is to stay ahead of schedule to the maximum extent possible in anticipation of potential delays due to weather and other circumstances. We have learned that these delays will happen. For example, cultural resources concerns had a major impact on our Bois d'Arc project schedule. There were large areas under construction that could not be completed until cultural resources issues were resolved. We reprioritized design teams and moved construction crews to areas planned for much later in order to keep production on pace and finish on schedule. During construction of the largest restoration area component of the Bois d' Arc Mitigation Site, we were hit late in the schedule with a major storm dumping over 7 inches of rain into the 15 square mile watershed. All that water in a single event overwhelmed our diversion berms and channels and heavily impacted our construction area causing a major setback. Immediately after the water receded, we consolidated construction teams and brought in additional crews from our local subcontractors in order to make up for the schedule delay. Repairs were made and construction was completed within three weeks, keeping us on schedule. Being able to pivot from one part of the schedule to another and consolidate resources is critical to completing construction by a defined end date. This is an advantage on a large-scale restoration project like the one proposed here, and the RES Team knows how to maximize efficiencies and reprioritize as necessary.

Operation and Maintenance Risk Factors

One of the key risk factors involved in the operation of an engineered wetland is maintenance of flow within the optimum operating range. During extreme storm events, submerged aquatic vegetation (SAV) can be torn loose from the cell floor.

SAV can also be damaged by a lack of sufficient water in dry and extremely low water levels. Emergent vegetation can also be damaged by extended periods of deep water conditions. Risks associated with flow will be mitigated by utilizing back-up pump systems and back-up generators for power sources in the event of power outages. Ideally, our design will include pumps that operate remotely for efficient flow adjustments. Frequent inspections throughout the O&M period will be performed to identify potential structural issues or encumbrances that could affect flow passage. Berm failure due to storm events, construction method or materials, or erosion present additional risk. Constructability reviews during the design phase will be performed and are intended to minimize risk associated with improper construction methods and materials.

The establishment of vegetation will play a large role in long term site resiliency. Risk to plant establishment associated with drought, disease or invasive species pressure will be mitigated with frequent inspections, careful species selection and invasive species control.

Summary Description of the Corporate Safety Program

Safety is woven into our cultural fabric, with each employee representing a key component of our core safety team.

We're actively promoting the concept of "safety leadership" throughout our entire organization and we will arm ourselves with the knowledge and skills necessary to mitigate risk and to protect not only ourselves, but also our clients, community stakeholders, and the ecosystems in which we operate.

RES' environmental health and safety programs are designed with specific focus on leading indicators such as employee safety concern submissions and safety committee meetings, and we pride ourselves on the concept of continuous improvement in every facet of what we do.

RES training programs are designed to establish a robust professional safety resume for each of our team members. Each RES employee is empowered with "Stop Work Authority." In addition, we have annual goals for submitting safety improvement ideas to mitigate and/or eliminate recognized hazards and risks.

As the largest, most experienced provider of ecological restoration and water resources in the United States, we will set the bar for environmental health and safety initiatives throughout our industry, and look forward to continued and sustained success, growth, and improvement.

Summary of our Environmental Health, Safety & Security Plan

- Corporate Safety & Health Policy Statement
- Leadership Program
- Short Service Employee / Mentoring Program
- Stop Work Authority Program
- Fatigue Management Program
- Accident Reporting & Investigation Program
- EHS&S Training Program
- Contractor, Sub-Contractor & Vendor Safety Program
- PPE (Personal Protective Equipment) Program
- Ergonomics Program
- Chemical Management Program
- Emergency Preparedness Program
- Fire Prevention Program
- Confined Space Program
- Gas Hazard Awareness Program
- Tree Felling Operations Program
- Hot Work Operations Program
- Ladders & Scaffolding Program
- Electrical Awareness Safety Program
- Lock-Out/Tag-Out Program
- Powered Industrial Vehicles (PIV) Program
- Animal Handling Program
- Trenching & Excavation Program
- Cranes, Hoist, and Mechanical Equipment Program
- Fall Protection Program
- Equipment Operation Program
- Boater & Watercraft Safety Program
- Office Safety Program
- Occupational Health Program
- Fleet & DOT Program
- Auto Shop Operations Program
- Inspections Program
- Jobsite Security Program
- Job Safety Analysis / Activity Hazard Analysis (JSA/AHA)

- Injury & Illness Prevention Program (IIPP) – Cal-OSH Specific Requirement
- Infectious Disease Preparedness and Response Plan (IDP&R)
- Prescribed Burn / Open Burn Program
- Change Page

Quality Control

Please refer to the **Quality Assurance** section above.

Managing the Project

Coordination and communication with SFWMD will be critical to our success.As Prime Contractor, RES has the role of setting the expectations on how work standards and metrics will be achieved across all project participants, and key to setting and achieving these expectations is effective communication.

Communication amongst the Project team is vital in executing the work or overcoming any issues encountered. This guiding principle will be ensured not only between subcontractors and RES but between RES and SFWMD as well. Additional details on our approach to managing the Project can be found within our **Construction Approach** and **Design Process** discussions above.

Controlling Budget and Schedule

Please refer to the **Schedule and Cost Control** section above. Furthermore, RES' in-house design and quality assurance teams will provide oversight on cost controls for Phase I services by requiring live budgetary updates via cloud-based document sharing regular check-ins and progress reports. We expect to implement the budgetary efficiencies our Team has accomplished over the past 14 years of working with SFWMD and getting to know SFWMD's preferences. By tapping into this knowledge, we reduce costly "learning curves" for getting to know clients.

Project Workflow Schedule

Phase I will be completed within one year of receiving notice to proceed. The table below summarizes the milestone tasks in phase I. Final design, permitting, and construction will be completed within 4 years of receiving notice to proceed. Operation and performance testing will occur in years four through nine.

Self-Performance Approach

Unique to prime firms in our industry, RES has vertically integrated capabilities including in-house land acquisition specialists and land attorneys, estimators, design and permitting professionals, construction specialists, monitoring staff, and operations and maintenance crews.

Within Phase I, RES intends to self-perform all aspects of landowner negotiation and contracting, overall program and project management, QA on all subcontracted design and permitting services, and lead all estimating and budget development activities. We will also serve as the primary contact through contracting with the District.

Approach to Competitively Procuring Elements

Elements of work that will not be self-performed will be procured via a competitive bid process. RES will identify tasks, generate a scope of work and distribute requests for quotes from vendors. We will utilize existing state vendor listings where applicable to capture disadvantaged or small business categories if possible. Requests for new quotes will also be reviewed by project managers to establish if these tasks can be performed first by a trusted team firm. If tasks are identified outside of our internal capabilities, or if other advantages to subcontracting become apparent, (positive schedule impact, cost savings etc.) the project manager will implement the procurement process to identify vendors and solicit quotations. The goal of this process will be to seek at least 3 bid respondents per task to help ensure lower project costs. RES may also

implement master service agreements with team firms to reduce costs of procuring tasks beyond our original scope of work.

Operation and Maintenance Approach

RES' Operation and Maintenance approach is based on the experience and lessons we have learned during the past 21 years of implementing long-term operation and maintenance on over 788 restoration projects.

> RES Operation Plans are developed by utilizing actual operations and maintenance cost histories-- as many of our past projects span thousands of acres and include contractual operation and maintenance obligations for up to 50 years.

Prior to construction completion, and importantly, prior to the District taking over any operations, the RES Team will collaboratively develop an Operation Plan for the Project. Based on previously approved plans for similar Projects, this Plan will likely include the following key components.

- System Overview
- Figures and mapping, plans, and diagrams of the system including operations schematics
- Project and Structure Descriptions
- Including minimum levee hights and flows, pump station descriptions, monitoring stations, and access points/ airboat ramps
- Operation instructions including:
- Target stages for normal operations
- Instructions for pre- and post- storm events and extreme low flow conditions
- Deviations from the Plan and instructions for taking treatment cells offline for maintenance
- Discussion of operating permits for federal, state, and county regulatory purposes
- Structure Details (for instance, Inflow and Seepage, Interior Cell Structure, Outflow, and Diversions)
- Structure Rating Curves
- Operational Envelopes
- Stage Volumes
- Relevant Provisions from the EFA and NPDES Permits
- Surveys and Record Drawings
- Datum Offsets
- Technical Review Comments

Pump Systems and General Operation

Key operational aspects that will be included in the RES Team's Operation Plan for the Project include:

The pumps in pump stations are typically designed to pump stormwater containing a negligible amount of sediment or other material that might damage the surface of the pump or the bearings. However, the quantity of water being pumped by a particular station should be reduced at any time the water in the suction bay becomes moderately silted or if it appears that the approach velocities are carrying a bottom load of sand into the sump chambers.

Typically, pump stations may be operated remotely under low flow conditions using only electric motor driven pumps. The pump stations should be manned when diesel driven pumps are in use, especially during storm events. The operational criteria in the Plan will consider both normal and extreme conditions.

O&M personnel will conduct reconnaissance of the infrastructure and adjacent properties to monitor operational impacts on a prescribed frequency depending on operations during normal, pre-storm, and post-storm timeframes.

Whenever possible, water levels within the treatment cells should be kept at the target stages as provided in the Plan. During flow events, the stages will rise above the target stage, but after the flow event passes through the Project, the stages should be reduced back down to the target stage.

- Floating vegetation often inhibits siphoning.

Diesel generator back-up systems for pumps

Water levels will be adjusted through operation of the inflow pumps, adjustment of the gates on the interior and outlet structures, and operation of the outflow pump stations. Initial operating guidelines will be modified as vegetation matures because the target water levels and gate openings may need to be refined based on actual operating experience.

Recommended target depths for the different treatment vegetation communities will evolve over the years as operating and performance experience is been gained. Target stages will be revised, as needed, to best optimze the ideal habitat for nutrient uptake.

Exercising the water control structures associated with the Project, including the pumping units, is expected to be authorized by the operating permit for maintenance purposes. The Plan will include a recommended frequency based on manufacturer-suggested maintenance schedules.

Operation during drought consider pre-determined recommendations and priorities for all STAs within the District and the decision to keep cells hydrated often include permit requirements, elevation differences between cells, current cell performance and vegetation conditions, effective treatment area, potential exotic vegetation invasion, water quality within the cells, migratory and ground-nesting bird habitat, and rehabilitation activities or opportunities.

To optimize nutrient removal, vegetation and operational enhancements may be implemented. These enhancements will be coordinated with the District to determine whether a modification to the permit is required. Typical enhancements include cell modifications to correct short circuiting, revegetation, and/or structure modification.

- Minimum pump operation schedules to maintain mechanical integrity

Documentation of all maintenance and monitoring activities

To optimize nutrient removal, vegetation and operational enhancements may be implemented. These enhancements will be coordinated with the District to determine whether a modification to the permit is required. Typical enhancements include cell modifications to correct short circuiting, revegetation, and/or structure modification.

Hydrology Restoration

Ground surface elevations must be conducive to the establishment and support of hydrophytic vegetation, and re-establishment and maintenance of hydric soil characteristics.

Monitoring and Reporting Requirements

RES' Approach to Monitoring

As the nation's largest ecological offset provider, our monitoring crews are responsible for monitoring hundreds of miles of streams and tens-of-thousands of acres of wetlands annually for our own permittee responsible mitigation sites, as well as our own mitigation banks. By utilizing our in-house monitoring crews, we are not built like a typical consulting company- our monitoring teams do not bill external clients on an hourly, time and materials basis. On the contrary, our monitoring personnel understands that the time spent monitoring RES sites impacts our own projects' bottom line. Therefore, speed, efficiency, and accuracy in data collection and reporting are all embedded in our monitoring crews' DNA. The District will benefit from this same mindset and approach as we work with you to develop both our monitoring plan through Phase II and also the long-term operation and maintenance plan for the Project.

Typical STA Monitoring and Reporting Requirements

Operations of the STAs will be linked to a water quality monitoring program to continually assess project performance. The RES Team will either utilize the water quality monitoring program developed by the District, or assist in developing one specific to this Project. Water quality monitoring will be conducted in the inflow and outflow structures prior to start-up, during start-up activities, and ongoing throughout operation at a prescribed frequency (likely to be monthly). Monitoring stations will be utilized to track water levels in addition to water quality parameters.

Monitoring frequencies will vary for certain timeframes during the lifecycle of the Project. The start-up phase of new cells or flow-ways will require a more intense monitoring frequency to ensure the system-as-a-whole meets its reduction goals. Also, during maintenance activities, such as temporary maintenance operations, monitoring reports will include discharge flows and loads on a more frequent basis.

Prior to handoff of the system to the District, RES will ensure that the District is equipped to fulfill its long-term monitoring obligations. We will collaboratively work with the District to develop logs and schedules showing operations and equipment maintenance.

Appendix A – Concept Maps

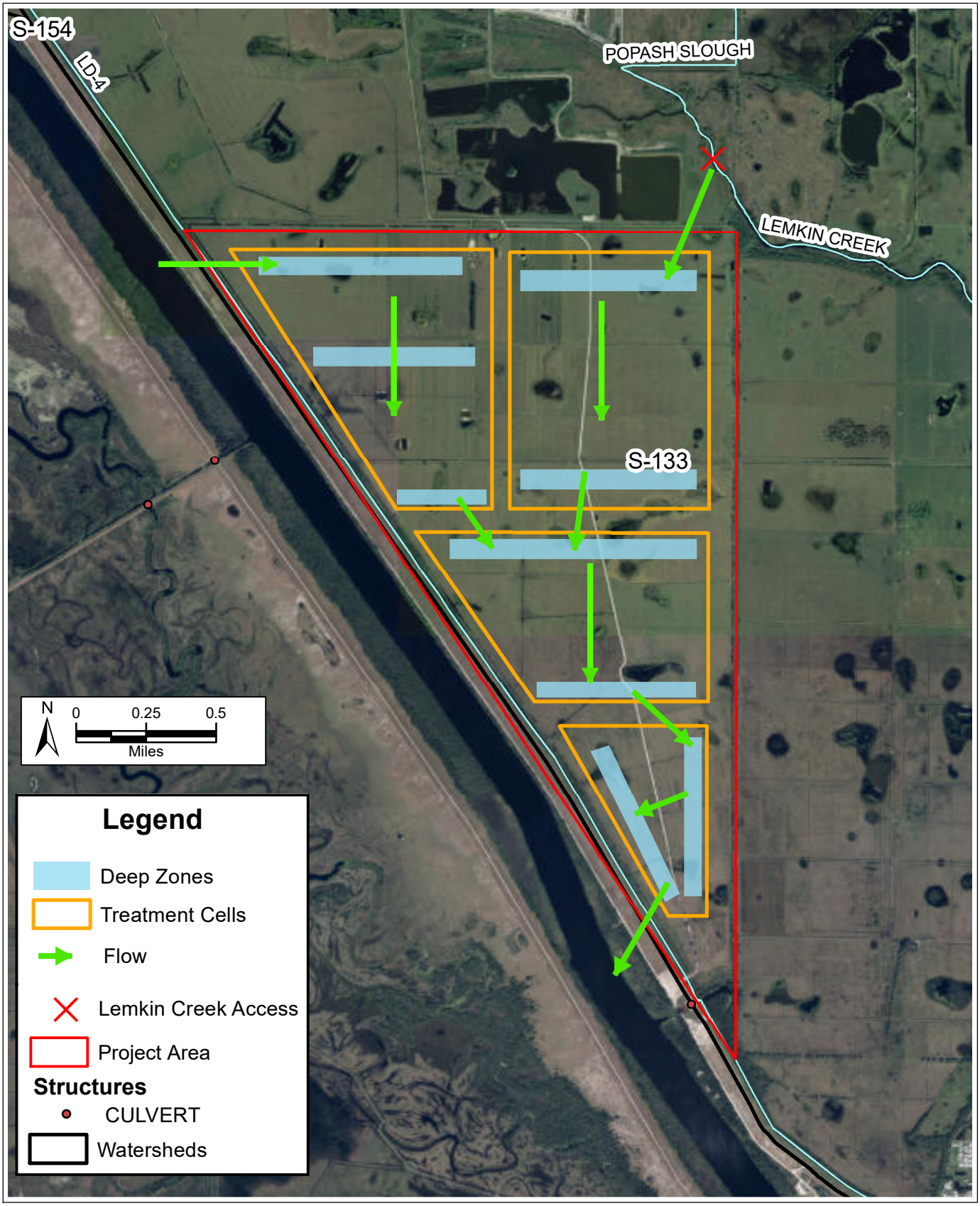

FIGURE 2.
Typical STA Layout
Okeechobee County, Florida

Sources: ECT, 2021.

ECT Environmental Consulting & Technology, Inc.

Appendix B – Letters of Intent

April 8, 2021

Teresa L. Daniel, Trustee
The Lake Cattle Trust
3224 SW 67th Drive
Okeechobee, FL 34974
Email: terrydaniel726@gmail.com

Dear Ms. Daniel,

HGS, LLC, d/b/a Angler Environmental, LLC, a wholly owned subsidiary of Resource Environmental Solutions, LLC ("RES") would like to present you with this non-binding (except as indicated below) Letter of Intent ("LOI") to team in the potential implementation of a stormwater treatment project (the "Project") on certain real property consisting of 655.8 acres, more or less, located in Okeechobee County, Florida (the "Property") owned by Teresa L. Daniel, Trustee of the Lake Cattle Trust ("Owner") in response to South Florida Water Management District ("SFWMD") Design/Build Solicitation No. 6000001215, issued March 12, 2021 (the "Solicitation"). Subject to submittal by RES and Owner (collectively, the "Team") of a response to the Solicitation (the "Response") and subsequent award of a contract by SFWMD, the Team would partner to implement the Project on the Property subject to the following non-binding terms and conditions:

- Owner shall permit and enable RES and its agents to conduct such inspections that RES, in its sole discretion, deems appropriate, including but not limited to title examination, environmental and soil testing, engineering studies, legal, financial and other inspections and evaluations of the Property and the transaction contemplated hereby (the "Inspection"). Owner hereby authorizes RES and its agents, engineers, representatives and contractors to enter the Property at any reasonable time to conduct the Inspection, and upon request from RES and/or RES' authorized representatives shall cooperate with such parties to coordinate such entry;
- If SFWMD awards a contract for the Project to the Team, RES shall design, permit, construct, and perform post-construction tasks, including performance testing, commissioning, operation and maintenance, training and support to demonstrate the Project's performance as required by the contract awarded by SFWMD.

This LOI is non-binding, except as stated below, and contingent upon award by SWFMD of a contract for the Project to the Team.

Owner shall keep confidential all information obtained from RES concerning the engagement contemplated by this LOI, including, but not limited to, the terms presented in this LOI and any financial consideration for the Project, except for disclosures to your professional advisors and to the extent otherwise required by any governmental ordinance, order, law, regulation, or rule. Owner warrants and agrees to use any confidential information disclosed by RES solely and

exclusively for the limited purpose of evaluating the above described engagement in the furtherance of its business relationship with RES, and for no other purpose. The parties agree that the provisions of this paragraph are binding.

We are very excited to team with you on the Response and look forward to a successful Project.

Sincerely,

Don Seaborn

Vice President, Eastern Region

Resource Environmental Solutions, LLC,

Manager of HGS, LLC, d/b/a Angler Environmental, LLC

AGREED AND ACCEPTED:

Teresa Daniel

Name: Teresa L. Daniel, Trustee of the Lake Cattle Trust

Date: Apr. 19, 2021

April 8, 2021

R Bar Estates, Inc.
3224 SW 67th Drive
Okeechobee, FL 34974
Attn: Teresa L. Daniel, President
Email: terrydaniel726@gmail.com

Dear Ms. Daniel,

HGS, LLC, d/b/a Angler Environmental, LLC, a wholly owned subsidiary of Resource Environmental Solutions, LLC ("RES") would like to present you with this non-binding (except as indicated below) Letter of Intent ("LOI") to team in the potential implementation of a stormwater treatment project (the "Project") on certain real property consisting of 1,413.47 acres, more or less, located in Okeechobee County, Florida (the "Property") owned by R Bar Estates, Inc. ("Owner") in response to South Florida Water Management District ("SFWMD") Design/Build Solicitation No. 6000001215, issued March 12, 2021 (the "Solicitation"). Subject to submittal by RES and Owner (collectively, the "Team") of a response to the Solicitation (the "Response") and subsequent award of a contract by SFWMD, the Team would partner to implement the Project on the Property subject to the following non-binding terms and conditions:

- Owner shall permit and enable RES and its agents to conduct such inspections that RES, in its sole discretion, deems appropriate, including but not limited to title examination, environmental and soil testing, engineering studies, legal, financial and other inspections and evaluations of the Property and the transaction contemplated hereby (the "Inspection"). Owner hereby authorizes RES and its agents, engineers, representatives and contractors to enter the Property at any reasonable time to conduct the Inspection, and upon request from RES and/or RES' authorized representatives shall cooperate with such parties to coordinate such entry;
- If SFWMD awards a contract for the Project to the Team, RES shall design, permit, construct, and perform post-construction tasks, including performance testing, commissioning, operation and maintenance, training and support to demonstrate the Project's performance as required by the contract awarded by SFWMD.

This LOI is non-binding, except as stated below, and contingent upon award by SWFMD of a contract for the Project to the Team.

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furtherance of its business relationship with RES, and for no other purpose. The parties agree that the provisions of this paragraph are binding.

We are very excited to team with you on the Response and look forward to a successful Project.

Sincerely,

Don Seaborn

Vice President, Eastern Region

Resource Environmental Solutions, LLC,

Manager of HGS, LLC, d/b/a Angler Environmental, LLC

AGREED AND ACCEPTED:

R Bar Estates, Inc.

By: Teresa Daniel

Name: Teresa L. Daniel

Title: President

Date: April 9, 2021

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

DESIGN/BUILD OF A LOWER KISSIMMEE BASIN STORMWATER TREATMENT PROJECT

Qualifications Package

Alec Sheaff
Regional Manager, Client Solutions
asheaff@res.us | 615.840.9200

Corporate Headquarters
6575 West Loop South, Suite 300
Bellaire, TX 77401
Main: 713.520.5400

Transmittal Letter

April 12, 2021

Johanna Labrada, Procurement Bureau Chief
South Florida Water Management District
Attn: Procurement Bureau B-1 Building, 2nd Floor West
3301 Gun Club Road
West Palm Beach, Florida 33406

RE: DESIGN/BUILD OF A LOWER KISSIMMEE BASIN STORMWATER TREATMENT PROJECT

Dear Ms. Labrada,

HGS, LLC dba Angler Environmental, LLC is a wholly-owned subsidiary of Resource Environmental Solutions, LLC (together with all of its subsidiaries and affiliates, "RES"),[1] is pleased to submit the enclosed requested information to the South Florida Water Management District for Design/Build of a Lower Kissimmee Basin Stormwater Treatment Project. Based on our identified land, preliminary design and experience with similar projects, we can achieve the nutrient reductions at a drastically reduced budget than has been approved. We look forward discussing our approach with the SFWMD.

In a short period of time since the release of the solicitation, RES identified land and strategically assembled a team of subcontractors ("the RES Team") to deliver a stormwater treatment area project in the Lower Kissimmee Basin. RES is joined by ECT Inc, who will serve as our Lead Designer and Seminole Design Build Services who will serve as the Lead Constructor. These two firms and their support teams have a substantial history of design-build water quality experience that we believe will prove valuable for SFWMD.

- RES intends to enter into a contract with the District for the Project if selected as dictated in our response;
- RES affirms that all professional and business licenses required for the Project have been obtained and listed;
- RES will provide Performance and Payment Bonds on the date required by the Contract;
- RES will provide all insurance required under the Contract by the date of Contract Award;
- Please refer to Appendix A for completed Forms for Affirmation of Compliance

Thank you sincerely for your consideration. Should you have any questions or require additional information, please contact Alec Sheaff, Regional Manager, Client Solutions. Mr. Sheaff may be reached by email: asheaff@res.us; or cell phone: 615.840.9200

Alec Sheaff
Regional Manager, Client Solutions
asheaff@res.us | 615.840.9200

[1] For the purposes of a qualitative evaluation of this Proposal, HGS and RES should be viewed as a single entity ("RES") in our experience. We are one company with a singular vision and proven track record of implementing the creative solutions sought by the SFWMD

Table of Contents

Part 1 – Respondent's Profile

Compliance Disclosure Form

The Compliance Disclosure Form is attached in **Appendix A.**

General

HGS, LLC dba Angler Environmental, LLC is a wholly-owned subsidiary of Resource Environmental Solutions, LLC (together with all of its subsidiaries and affiliates, "RES") [2] will be the Prime Firm for this contract leading Team RES and working directly with SFWMD over the course of the project. RES is a national operating company focused on restoring a resilient earth for a modern world, project by project.

As the nation's largest ecological restoration company, RES supports the public and private sector with solutions for environmental mitigation, stormwater and water quality, and climate and flooding resilience. RES has a unique operating model for delivering ecological uplift, based on science-led design, full delivery, long-term stewardship, and guaranteed performance. RES designs, builds, and sustains sites that preserve the environmental balance, lifting impaired ecosystems into restored health and ultimately, self-sufficiency.

RES works closely and creatively with developers, operators, landowners, and regulatory agencies to balance the needs of the client, community, and the resource. RES' operating model is built around this approach. RES employs teams covering the full project lifecycle, combining in-house analytics and technical expertise with implementational resources and capabilities.

Resource Environmental Solutions, LLC was founded in 2007 (1999 for HGS) and has helped clients successfully permit more than 3,900 projects, creating rich, high-functioning ecosystems as part of each permit. RES' clients include local and state governments, large mining operators, energy production companies, energy transmission companies, Fortune 500 companies, departments of transportations, and other public-sector organizations. RES now employs over 770 dedicated staff in 30 operational hubs across the country.

RES delivers customized solutions tailored to clients' needs. RES' internal resources include environmental, health, safety, and security (EHS&S) staff, land acquisition specialists, wildlife biologists, Rosgen IV certified stream designers, professional wetland scientists, engineers, hydrologists, QA/QC oversight teams, field ecologists, regulatory project managers, analysts, certified foresters, arborists, landscape architects, construction managers, superintendents, and field crew members as well as supporting project controls, government affairs, public relations, financial, legal and analytical staff.

RES' experience includes:

- Restoration, enhancement, and preservation of 62,637 acres of wetlands
- Restoration of over 400 miles of streams
- Rehabilitation, preservation, and/or management of over 15,000 acres of special-status species habitat
- Currently conduct monitoring and maintenance (including invasive species management) for over 50,000 acres of mitigation habitat
- Successful close-out of over 100 mitigation sites
- Permitting and development of over 200 permittee-responsible mitigation projects

[2] For the purposes of a qualitative evaluation of this Proposal, HGS and RES should be viewed as a single entity ("RES") in our experience. We are one company with a singular vision and proven track record of implementing the creative solutions sought by the District.

- Design, permitting, management, and development of 138 wetland, stream, species and conservation banks
- Delivery of 20,000 acres of custom, turnkey mitigation solutions
- Design and construction of over 350 stormwater management facilities
- Reductions of over 280 tons of water quality nutrients
- Planting of over 20,000,000 trees across all operating regions
- Development and operation of nurseries in six states including the largest coastal nursery in Louisiana
- Facilitation of compensatory mitigation and nutrient offsets for over 3,980 federal and state permits

RES draws on dedicated, in-house resources and deep experience across all phases of ecological restoration projects in defining the project approach, which seeks to balance performance and cost in the manner that is most beneficial to clients.

Environmental Consulting & Technology, Inc. (ECT), who lead Design efforts for this project, was founded in 1988 and currently employs over 200 people in 20 offices, including seven Florida offices with more than 100 personnel. Having closely worked with the South Florida Water Management District (SFWMD) for nearly a quarter century, ECT brings proven experience and expertise in stormwater engineering, site restoration and remediation, natural resource permitting, bidding assistance, construction engineering and inspection, public outreach, and project management.

ECT's Florida offices have completed more than 900 water- and stormwater-related projects in Florida for numerous clients, including all five Water Management District (WMDs), Florida Fish and Wildlife Commission, Florida Department of Environmental Protection (FDEP), and other local, state, and federal agencies. For SFWMD, ECT has worked on collection and evaluation of soil and water quality data, Phase I/II ESAs and remediation, bioaccumulation studies, screening level and expanded ecological risk assessments, soil management plans, environmental monitoring plans, pre-demolition ACM and HTRW removal, demolition, and Title V air operation permit renewals. ECT has provided assistance on SFWMD projects which include Kissimmee River Restoration Project, the A-2 Stormwater Treatment Area (STA) and Reservoir, the C-139 Annex Restoration Project, C-23/24 STA/Reservoir, C-44 STA/Reservoir, C-9/11 Impoundments, and Ten Mile Creek. ECT has supported the SFWMD in their Copper Mesocosm Study, C-9/11 Selenium Bioaccumulation Study, and the development of the Sediment Quality Benchmarks.

"ECT has been under contract to SFWMD since 1997. During our contract with ECT, the following services were provided: Phase 1/11 Environmental Site Assessments (ESA's, including the US Sugar Acquisition), Contamination Assessments, Ecological Risk Assessments, Development of Innovative Remediation Technologies, Preparation and Remedial Action Plans, Implementation and completion of Remedial Actions and Remediation. Areas where remedial actions have been initiated or completed include Nubbin Slough, Southern Golden Gates Estates, Woerner Turf Farms, McMurrain Farms, C-44 Canal Pump Stations, and Consolidated Citrus Farms. As a South Florida Water Management project manager for many of these tasks, I have worked closely with ECT personnel from the development of work plans and budgets through the completion of remedial actions and preparation and submission of final reports. Based on my experience, ECT provides experienced, highly qualified professional personnel, dedicates sufficient resources to ensure success, completes projects in a cost-effective and timely manner and produces an overall high quality product."

- Extracted from Reference Letter provided by Robert Taylor, Senior Technical Program Specialist, Environmental Engineering Unit, Land Acquisition Department

ECT is an employee-owned, multidisciplinary water resources and environmental engineering consulting firm, offering a broad range of engineering, planning, management, and scientific services. ECT has been ranked in the Top 100 fastest growing firms in Florida and has also been ranked among the Top 200 environmental firms for 23 consecutive years by Engineering News Record.

Wetland Solutions, Inc. (WSI), located in Gainesville, Florida, will support ECT in project design. WSI is an environmental consulting company that is internationally recognized for the design, permitting, and implementation of natural and constructed treatment wetlands for water quality enhancement, wildlife habitat creation, and public use. WSI has extensive experience troubleshooting and optimizing the performance of existing treatment wetland systems. WSI also specializes in the use of innovative monitoring and modeling techniques in the study of aquatic ecosystem structure and function and provides additional environmental consulting services including wetland delineation, wetland mitigation planning and design, and environmental permitting. WSI is certified by the State of Florida (Certificate of Authorization No. 28785) and State of South Carolina (Certificate of Authorization No. 4556) to perform civil engineering services.

WSI has successfully completed over 300 environmental services consulting contracts since incorporation in 2000. Approximately two thirds of those projects were focused on planning, permitting, design, and implementation of wetland projects for water quality management. In addition to that work, the senior project team members have worked on a much greater number of wetland- and watershed-related projects while with previous employers. The combined experience from these projects is the foundation upon which WSI continues to successfully meet client needs for quality environmental and engineering services.

Seminole Design Build, Inc. (SDB) is a certified Minority, Veteran owned, General Contractor located in Okeechobee Florida. They will be our Lead Construction firm. SDB is licensed to serve as a full service general contractor with a broad experience serving both public and private sectors. Since 2001 SDB has made the choice to build superior projects that exceeds clients expectations in the commercial and residential construction sectors. According to BuildZoom, SDB's score of 95 ranks in the top 22% of 191,428 Florida licensed contractors. Together, with B&B, SDB has a successful track record working with SFWMD.

B&B Site Development, Inc. (B&B), will assist SDB in construction efforts. They have built an array of projects moving Thousands of yards of material including fish farms and nutrient removal, Landfill work including HDPE Linear placement, Golf courses, subdivision work, lakes, pumpstations and associated piping, as well as Storm Drainage. They are highly qualified in mass excavation and fill placement, land clearing, precision construction requirements, plan interpretation, and large projects.

Barnes, Ferland and Associates, Inc. (BFA), who will be the Lead Surveyor, as well as a supporting team for ECT on project design is an environmental/utility engineering, scientific consulting and surveying and mapping firm that specializes in natural resource management, permitting and design solutions. Services include solid and hazardous waste management; hydrogeological analysis; wetland evaluations, environmental and contamination assessment; disaster debris management; water resources management and permitting, water, wastewater and reuse master planning. BFA also provides their clients with comprehensive services related to the utility coordination, survey, subsurface exploration, protection and relocation.

BFA is a certified minority/disadvantaged business with more than 15 state and local government agencies including MWBE with State of Florida, SBE with SFWMD, MBE with Orange County and City of Orlando, M/WBE with Orlando International Airport, S/MBE with Palm Beach County, MWBE and SBE with City of West Palm Beach,

DBE certified with FDOT, DBE certified with Louisiana DOTD, and HUB Certified with SWUC in North Carolina, and a graduate of the SBA 8(a) program. BFA is committed to providing reliable, responsive, cost-effective and high-quality environmental services to both large and small clients.

Distinguishing features of RES Team that make us uniquely suitable to SFWMD team

First and foremost, the RES Team is well-versed with the challenges of building successful stormwater treatment areas, including constructed wetlands. Team member, ECT has worked on over a dozen projects for the SFWMD. ECT regularly utilizes stormwater treatment areas and incorporates innovative technologies for achieving water quality improvement through phytoremediation, soil mineralization/precipitation, and microbial processes to meet regulatory water quality criteria. The following aspects also distinguish RES above the competition.

- Our team has four offices within Orange, Palm Beach, Hillsborough, and Sarasota counties. These offices are staffed by 45 team members, 6 of these are registered PEs and 2 are registered PGs.
- The RES Team has been working on SFWMD contracts since 1997. Some of our SFWMD projects include Nubbin Slough, Southern Golden Gates Estates, Woerner Turf Farms, McMurrain Farms, C-44 Canal Pump Stations, and Consolidated Citrus Farms.
- Nationally, the RES Team has worked on over 50,000 acres of similar projects.
- RES Team has worked on stormwater treatment area and/or ecosystem restoration projects that have ranged in size from $50,000 to over $130 million. We are comfortable with the project size that the Project Partners are planning to build.
- The RES Team has a proven track record of bringing projects to fruition despite institutional challenges.
- The RES Team also has a long-standing track record of working closely with regulatory personnel.
- The RES Team cost estimates and design specifications are time tested, and we can assist the Project Partners in assessing the proposals from other consulting firms leading to cost-savings for your team.
- The RES Team has hosted hundreds of stakeholder engagement workshops.
- Unique to prime firms in our industry, RES has vertically integrated capabilities including in-house land acquisition specialists and land attorneys, estimators, design and permitting professionals, construction specialists, monitoring staff, and operations and maintenance crews.
- Last but not the least, RES Team hasn't worked on any previous phase of this project and therefore has no conflict of interest (or a perception of it) to bid on this contract.

Legal Structure

HGS, LLC dba Angler Environmental, LLC, was formed in Virginia in 1999. The firm is wholly-owned by Resource Environmental Solutions, LLC.

Office Location

The RES Team, comprised of RES, ECT, WSI, SDB, B&B, and BFA, has 12 office locations in the State of Florida, six of which are located within or near the Lower Kissimmee Basin. A map of Florida showing our office locations in relation to the Lower Kissimmee Basin is included within **Part 6 – Location Consideration** of this proposal.

Financial Resources and Bonding Capacity

Having competent implementation partners for ecological restoration projects, with the experience and resources necessary to handle issues when they arise, is important to protect ongoing operations. To address these ongoing risks and liabilities, RES can provide liability transfer for clients through one, or a combination, of several mechanisms including contractual indemnification and surety bonding.

In addition to a strong balance sheet, RES maintains an aggregate bonding capacity of greater than $500 million with A+ rated sureties which can be used to securitize both the financial assurances required by the regulatory agencies (if applicable) and the contractual liabilities associated with delivering on operational obligations over time. Whether providing bonding for regulatory financial assurances or directly to clients, these performance bonds cover both the installation phase and the maintenance phase of each given project. Please refer to **Appendix E** for the required letter of surety.

Insurance

RES has provided evidence of the ability to obtain appropriate insurance coverage within **Appendix C.**

Corporations and Partnerships Good Standing with the Florida Secretary of States

As provided in the Compliance Disclosure Form (**Appendix A**), RES' corporate status is in good standing with the Florida Secretary of State.

Convicted Vendor List, Discriminatory Vendor List, Scrutinized List of Prohibited Companies and District's Suspension List

In accordance with Section 287.133, Florida Statutes; State of Florida's Discriminatory Vendor List in accordance with Section 287.134, Florida Statutes; State of Florida's Scrutinized List of Prohibited Companies; and/or District's Suspension List for material breach of a District contract in accordance with Rule 40E-7, Part II, F.A.C., RES has not been placed on the State of Florida's Convicted Vendor List.

Statement of No Suspension Form

The Statement of No Suspension Form is attached in **Appendix A.**

License Requirements

A valid State of Florida Certified General Contractor license and a Florida Professional Engineer license and/or Florida Professional Architect license have been attached in **Appendix D.**

Part 2 - Project Team

Please see the above description of the RES Team for delineation of responsibilities between firms along with the Technical Approach document for more information on responsibilities of RES and each subcontractor firm.

Key Personnel

The following table summarizes the RES Team. Full resumes can be found in **Appendix B.**

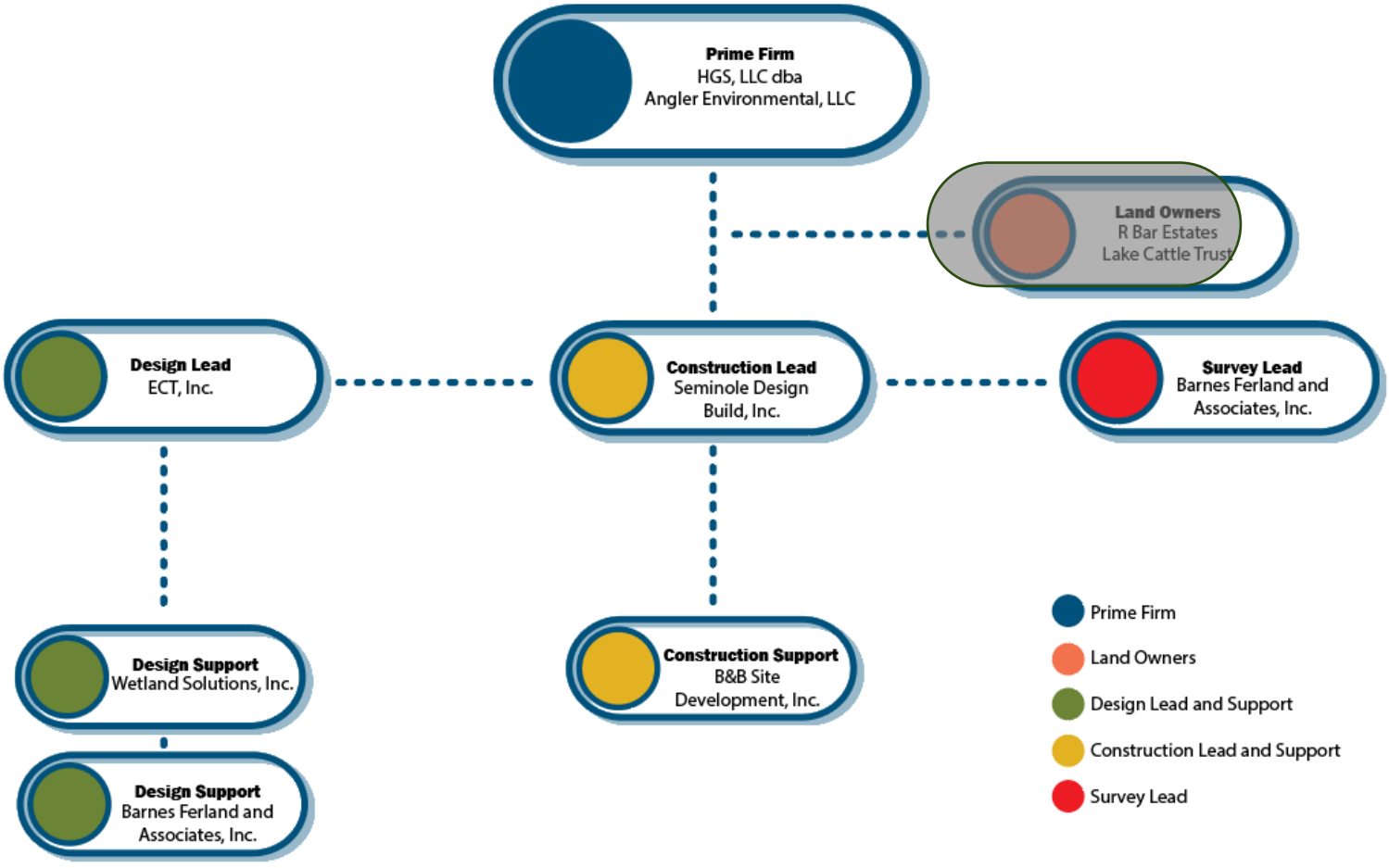
Table 1. Key Personnel

Name	Project Role	Company	Education / Training	Contact Information
Jennifer Hatchett, P.E., CFM	Project Manager	RES	MS, Civil Engineering, Fluid Mechanics BS, Civil Engineering Professional Engineer, VA #0402048501 Certified Floodplain Manager, Virginia	804.399.3015
Sanjiv K. Sinha, Ph.D., P.E.	Engineering Design Manager	ECT	Ph.D., Civil and Environmental Engineering M.S., Civil and Mineral Engineering B.E., Civil Engineering Professional Engineer, Florida, No. 81678 Professional Engineer, Michigan, No. 6201045609	734.272.0859
Chris Keller, PE	Design Support	WSI	M.E., Environmental Engineering Graduate Wetlands Certificate B.S., Environmental Engineering PE FL/Civil, No. 54040 PE OR/Civil, No. 92567	386.462.9286

			PE SC/Civil, No. 29477 PWS No. 3080 Qualified Stormwater Management Inspector (#31267)	
Will E. Thomas, P.E.	Pump Station Design	BFA	B.S. Civil Engineering Professional Engineer, FL No. 57612	407.896.8608
Tara Kelly	Project Architect / Permitting Manager	RES	Master of Environmental Management BA, Environmental Studies	571.489.0216
Cindy Barcia	Construction Manager	SDB		863.467.1115
Jody Choate	Project On-Site Superintendent	B&B	23 years of construction experience	863.763.6053
Genel (Jay) Sturgeon, PSM	Survey Lead	BFA	Professional Surveyor and Mapper 5866	407.896.8608

Organization Chart

Figure 1. RES Team Organization Chart



Scope of the Services and Responsibilities

The following table summarizes what is to be performed by our project team members during Phase I and Phase II of the project.

Table 2. Scope of Services/Responsibilities

Phase	Activity	Responsibility
Phase 1	Kickoff Meetings	RES Team and SFWMD
Phase 1	Develop Project Work Plan including Permit Plan	RES Team
Phase 1	Collect Data	RES Team
Phase 1	Toolset Refinement	RES Team
Phase 1	Develop Conceptual Design/Design Documentation Report (DDR), Cost Estimate, and Schedule	RES Team
Phase 1	Conceptual Design Workshop	RES Team and SFWMD
Phase 1	Collect Additional Data	RES Team
Phase 1	Develop Alternative Concepts	RES Team
Phase 1	Develop Preliminary Design (60%), Cost Estimate, and Schedule	RES Team
Phase 1	Review Preliminary Design	RES Team and SFWMD
Phase 1	Pre-Application Meetings	RES Team, SFWMD, and Permitting Agencies
Phase 1	Define Final Design, Cost Estimate, and Schedule	RES Team and SFWMD
Phase 1	Final Design Review Meeting	RES Team and SFWMD
Phase 1	Submit and Negotiate a Stipulated Price for Phase 2	RES Team
Phase 2	Final Design (90%), Cost Estimate, and Schedule	RES Team
Phase 2	Permit Applications, Insurance, and Bonding	RES Team
Phase 2	Final Design (100%)	RES Team
Phase 2	Prepare Plans, Specifications, Opinion of Cost, and Constructability Review	RES Team and SFWMD
Phase 2	Failure Mode Analysis	RES Team and SFWMD
Phase 2	Equipment Selection, Constructability Reviews	RES Team and SFWMD
Phase 2	Advertise and Issue RFB	RES Team and SFWMD
Phase 2	Bid Review and Contractor Recommendation	RES Team and SFWMD
Phase 2	Construction Kickoff Meeting	RES Team and SFWMD, other stakeholders
Phase 2	Review Submittals, Respond to RFIs (with Designer Involvement/Oversight)	RES Team
Phase 2	Monitoring, Inspection, and QC Testing	RES Team
Phase 2	Operation Plan Development and District Staff Training	RES Team
Phase 2	Final Inspection and "Punch List"	RES Team
Phase 2	Start-up and Testing	RES Team
Phase 2	Operation (5 years)	RES Team
Phase 2	Final Acceptance of Project and Recommendation to Owner	RES Team

Part 3 – Experience

Table 3. Project Experience

Name	Location	RES Team Scope of Work	Client
Remediation Activities for Picayune Strand Restoration, South Florida Water Management District	Collier County, Florida	Engineering and Remedial Design and Construction Oversight 55,000-acre area	South Florida Water Management District
Bois d'Arc Lake Mitigation Project	Fannin and Lamar Counties, Northeast Texas	RES is the Full-Service Provider for Permittee Responsible Mitigation (PRM) Restoration of 17,000-acres	North Texas Municipal Water District
Black Bayou Mitigation Bank	Catahoula Parish, Louisiana	Full-Delivery Mitigation Bank Land Acquisition Design-Build Operate and Maintain 2,061 acres of wetland restoration/ creation 241 acres of wetland enhancement 92 acres of upland reforestation and riparian buffer restoration 19,729 linear feet of stream restoration	RES owns the mitigation bank. Approval was required from USACE
Package P Stormwater Management (SWM) Facilities	Fairfax and Loudoun Counties, Virginia	Design-Build 13 Stormwater Management Facilities	Metropolitan Washington Airports Authority
Virginia Department of Transportation (VDOT) Nutrient Credit Contracts	Multiple Watersheds throughout Virginia	Primary credit vendor with multiple contracts throughout the state	All Nutrient Banks are owned by RES entity, CBAY-VA LLC Credits Provided to VDOT

Please also see Project Reference Forms within **Appendix A** for more detailed project descriptions and relevance to this Project.

Part 4 – Safety Record

Experience Modification Rates (EMR)

The following Experience Modification Rates (EMR) for our Lead Constructor within the last five (5) years are listed below:

Table 4. Experience Modification Rates

Year	EMR
2020	.99
2019	.80

2018	.86
2017	.97
2016	1.09

OSHA Logs

OSHA logs for the past 5 years for our Lead Constructor are included within **Appendix F.** RES can also provide our own EMR and OSHA log information upon request.

Part 5 – Small Business Enterprise "SBE" Utilization Plan

Statement of Intent to Perform as an SBE Subcontractor Form

The Statement of Intent to Perform as an SBE Subcontractor Form is included within **Appendix A.**

SBE Subcontractor Participation Schedule Form

The SBE Subcontractor Participation Schedule Form is included within **Appendix A.**

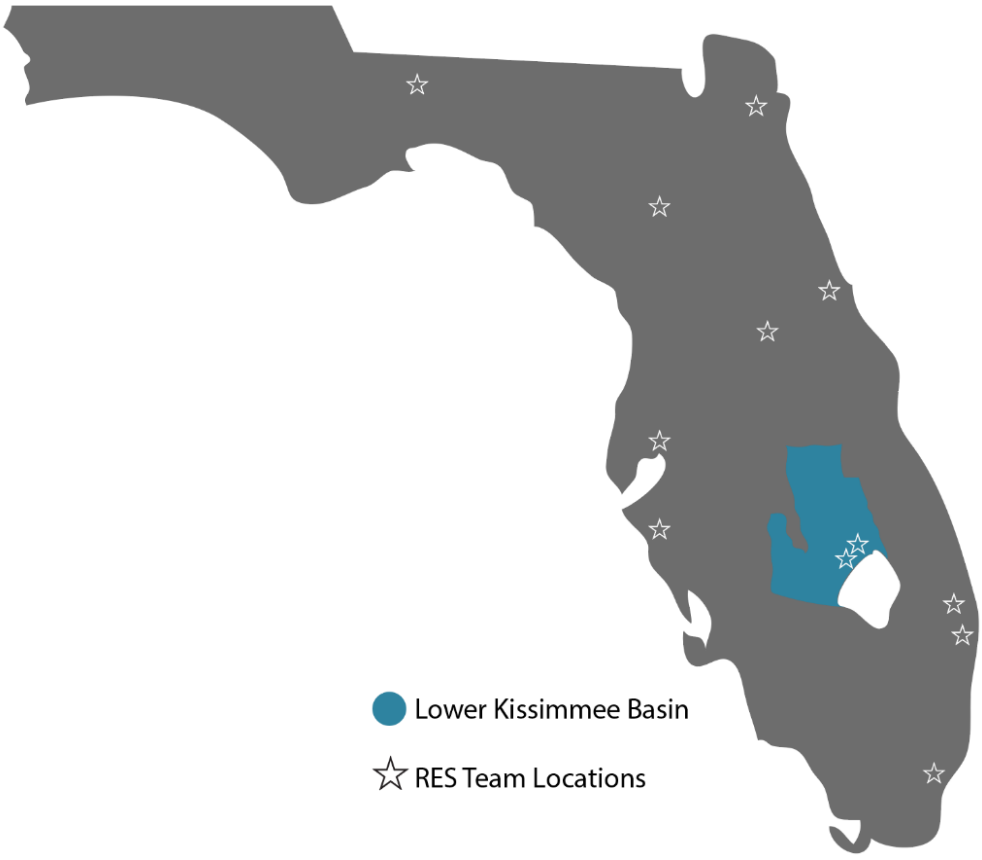
Part 6 – Location Consideration

As shown in **Figure 2** below, the RES Team, comprised of RES, ECT, WSI, SDB, B&B, and BFA, has 12 office locations in the State of Florida, 6 of which are located within or near the Lower Kissimmee Basin. Two of our locations sit within the City of Okeechobee in Okeechobee County:

Seminole Design Build
01 SW 2nd Street
Okeechobee, FL 34974

B&B Site Development
505 S Parrott Ave
Okeechobee, FL 34974

Figure 2. Office Locations



Appendix A – Forms of Affirmation of Compliance

- *Compliance Disclosure Form*
- *Project Reference Forms (5 total)*
- *SBE Subcontractor Participation Schedule*
- *Statement of Intent to Perform as an SBE Subcontractor*
- *Statement of No Suspension Form*

COMPLIANCE DISCLOSURE FORM
SOLICITATION NO.: 6000001215
Page 3 of 3

The statements completed below are material representations of fact upon which reliance will be placed when making an award. If it is later determined that the Respondent knowingly rendered an erroneous statement, certification or representation in this document, the District may terminate the contract resulting from this solicitation for default and the District may suspend or debar the Respondent or pursue any other available remedies.

A. STATEMENT OF BUSINESS ORGANIZATION

The Respondent, by completing the information requested below, represents that it operates as follows:

Legal Business Name (Respondent):	HGS, LLC	
If applicable, different business name under which the Respondent is operating for this Response:	dba Angler Environmental, LLC, or "RES"	
If applicable, previous business names under which the Respondent has operated within the past three (3) years from Response submission:		
Mailing Address:	6575 West Loop South, Suite 300 Bellaire, TX 77401	
Remittance Address:	6575 West Loop South, Suite 300 Bellaire, TX 77401	
Type of Organization:	□ Corporation ☒ Partnership □ Joint Venture □ Sole Proprietorship □ Not for Profit	
If a corporation, provide date/state of incorporation	Date:	State:
If an out-of-state corporation, are you authorized to do business in the State of Florida?	☒ Yes	□ No □ Submitted registration documentation
Telephone Number:	(713)520-5400	Fax # ( )
Email Address:	asheaff@res.us	
F.E.I.D. #:	54-1968018	
Key Contact Name(s)/Telephone #(s):	Name(s): Alec Sheaff, Telephone #(s): (615)840-9200	

State, County or other Public Agencies in which your organization is qualified to perform work by some means of prequalification: *See also supplemental attached document for additional prequalifications.

Agency	Trade in which Qualified	Expiration Date	Amount	Approved
Baltimore County,MD	Stream Restoration, Wetland Creation/Restoration, Grading, Marine Construction: Shoreline Restoration & Enhancement, Drainage Channels, Storm Drains, Culverts	08/31/23		
Carroll County,MD	Grading; Grading - Mass Grading, Sediment & Erosion Control, Dams,Drainage Impoundments, Drainage and Storm Drains, Roadside Improvements, Stream Restoration, Wetland Creation and Restoration, Other- Bioretention/Bioswales/LID	01/13/23		
DelDOT,DE	Construction Contractor	01/15/23		N/A
Harford County,MD	Grading, Storm Drains, Roadside, Site, Culverts, Retaining Walls (Over 3 ft), Drainage Channels, Afforestation, Reforestation, Wetland Mitigation, Stream Restoration, Storm Water Management	10/31/22		N/A
ILDOT,IL	Earthwork	04/30/21		$4,000,000.00
	Drainage			$3,400,000.00
	Landscaping			$1,900,000.00
Indiana DOT, IN	Temporary Erosion and Sediment Control	04/30/21		$50,000,000.00
	Light Grading			$50,000,000.00
	Small Structures and Drainage Items			$25,000,000.00
	Permanent Seeding, Sodding, and Top Soil			$25,000,000.00
	Landscaping			
Metropolitan Water Reclamation District of Chicago (MWRD), IL Registration	Construction services—general, Construction services, heavy, Environmental consulting, Horticultural consulting, Landscaping consulting, Engineering services, professional Environmental engineering, Irrigation, drainage, flood control/ engineering, Conservation/ resource management services, Construction services, general, Marine Dredging services, Tree & shrub removal services, grounds, recreational and park services Horticultural consulting, Landscaping consulting, Engineering services, professional			N/A

B. STATEMENTS OF MATERIAL REPRESENTATION

The Respondent, by signing below, hereby certifies to the South Florida Water Management District (District) that neither the Respondent, nor its agents, principals and proposed subconsultants or subcontractors:

1. Is temporarily or permanently on the District's Suspension List.
2. Is temporarily or permanently debarred from participating in public contract lettings in Florida or any other state.
3. Is now or in the past 36 months been on the State of Florida's Convicted Vendor List/Discriminatory Vendor List.
4. Is now on the U.S. Department of Treasury's Specially Designated Nationals and Blocked Persons (SDN List).
5. Has lobbied, either individually or collectively, the District's Governing Board members, District appointed individuals, or other District employees for any purpose in connection with this solicitation which may influence the outcome of the selection process.
6. Is listed on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, created pursuant to section 215.473, Florida Statutes.
7. Has employed or retained any person or company to solicit or obtain a contract resulting from this solicitation and has not paid or agreed to pay any person or company employed or retained to solicit or obtain a contract resulting from this solicitation any commission, percentage, brokerage or other fee contingent upon or resulting from contract award.
8. Respondent represents that proprietary information, if any, is identified on the following pages of this Application:

Page	Page	Page
All Gray Highlighted Text including Appendices A & B of the Approach Document		

C. NONCOLLUSION CERTIFICATION

The Respondent hereby represents and certifies that all statements of fact in the Response to the solicitation are true and that its Response to the solicitation was not made in the interest of or on behalf of any undisclosed person, partnership, company association, organization nor corporation. Respondent further certifies that the Response to the solicitation has been prepared independently without collusion, consultation, communication or written agreement with any undisclosed person, partnership, company, association, organization or corporation and has not colluded, conspired, connived or agreed, directly or indirectly, to commit a fraudulent, deceitful, unlawful or wrongful act, or any act which may result in an unfair competitive advantage for one or more Respondents to the solicitation over other Respondents to the solicitation. Respondent certifies that no more than one (1) Response to the solicitation as Prime Contractor for the Project described in this solicitation will be submitted from the Respondent under the same or a different name and that Respondent has no financial interest in another Respondent for the same Project. The District will prosecute any violation of this representation to the fullest extent of the law. Conviction for the commission of any fraud or act of collusion in connection with any sale, bid quotation, proposal or other act incidental to doing business with the South Florida Water Management District may result in suspension or permanent debarment if the Respondent is placed on the State's Convicted Vendor List. In addition to any other rights or remedies it may have, the District reserves the right to terminate any existing contracts that a Respondent has with the District based on the commission of any of the above wrongful acts. These rights may be exercised at any time whenever the commission of any of the above wrongful acts comes to the District's attention even if this occurs after award of a contract to the Respondent.

We authorize any public official, architect, engineer, surety company or agency, bank, material or equipment supplier or any person, firm or corporation to furnish any information in connection with this Compliance Disclosure form which may be requested by the District in order to verify the information that is presented in this Compliance Disclosure form or to attest to our professional standing and reputation.

COMPLIANCE DISCLOSURE FORM
SOLICITATION NO.: 6000001215

Respondent acknowledges and understands that that all pages this Compliance Disclosure form must be complete, attached to the response and timely filed and signed by a representative with authority to bind the firm or the Respondent will be deemed non-responsive to the requirements of this solicitation.

Respondent further commits to the Small Business Enterprise goal of the contract.

Signed by and on behalf of HGS, LLC {insert firm name}

4/12/2021

Authorized Representative Signature Date

PROJECT REFERENCE FORM
Complete the following form for each representative project.

Project Name

Picayune Strand Restoration Project, SFWMD

Project Description

This project included the development of corrective action for the contaminated western boundary of the Picayune Strand Restoration Project (PSRP) and eastern boundary of the Belle Meade property. The corrective action work plan development detailed the project implementation steps and was reviewed and approved by the District prior to project commencement and provided to contractors as a guidance document. This project also included agency coordination, remediation design and engineering, cultural resource survey, biological vegetation survey, wildlife survey, permitting, stormwater pollution prevention plan, post-construction monitoring, and construction management and reporting. Initial tasks also included several assessments of the 55,000-acre PSRP area.

Contract Value

$660,198

Period of Performance

February 2004-August 2011

Description whether Schedule and Budget were Met

Yes, schedule and budget were met.

Key Personnel Involved in Project (and Roles of Key Personnel)

Mark Culbreth, PG (ECT's Vice President, Site Assessment Remediation) had program oversight or contact Sanjiv Sinha, PhD, PE who was a Principal Engineer at ECT during the contract period of performance.

Owner (Name, Address, Point of Contact, Phone)

Mr. Robert Taylor
3301 Gun Club Road, West Palm Beach, Florida 33406
352-682-2264

Reference(s) (Name, Address, Point of Contact, Phone)

Mr. Robert Taylor
3301 Gun Club Road, West Palm Beach, Florida 33406
352-682-2264

PROJECT REFERENCE FORM
Complete the following form for each representative project.

Project Name

Bois d'Arc Lake Mitigation Project - Fannin and Lamar Counties, Northeast Texas

Project Description

Bois d Arc Lake Mitigation Project is the largest Permittee Responsible Mitigation (PRM) ecological project to date, as it will restore an approximately 17,000-acre area as part of the North Texas Municipal Lake Project. The environmental mitigation is one important component of the North Texas Municipal Lake Project, an approximately 16,500-acre reservoir being built in Fannin County to provide critical new water services to the 13 cities in the District. RES is the prime firm in this full service provider (design-build) contracting structure. We self perform both design and construction services as well as oversee local subcontractors. RES will provide complete stewardship of the mitigation site, from design and implementation through monitoring and maintenance over the next 20+ years, in accordance with the environmental permit for the lake project. The permit requires that North Texas Municipal Water District (NTMWD) offset the unavoidable environmental impacts of building the lake by restoring and permanently protecting wetlands, forests, grasslands, and streams at the mitigation site. The mitigation plan encompasses over 6,800 acres of wetland restoration and enhancement on the Riverby Ranch in Fannin and Lamar Counties, which will provide wildlife habitat and improve water quality for portions of North Texas and Oklahoma. As part of the project, RES will restore or enhance over 369,000 linear feet (70 miles) of streams and plant more than five million trees. In addition, RES will restore or enhance over 3,000 acres of native grasslands and over 2,600 acres of forests. RES will maintain full-time onsite staff living on the property as well as provide full project management of design, construction and monitoring of the site to ensure the restoration project is successful.

Contract Value

$135,997,990

Period of Performance

On-going
Started: August 2018
Construction Completed: February 2021
Projected Completion: February of 2041

Description whether Schedule and Budget were Met

Original awarded contract amount was $135,997,990
RES assisted the client with a negative change order in the amount of $409,503, therefore the final contract amount, after change order, was $135,588.487.
The project schedule has been met to date.

Key Personnel Involved in Project (and Roles of Key Personnel)

RES Scheduling/ Resource Allocation - Jennifer Hatchett and Tara Kelly

Owner (Name, Address, Point of Contact, Phone)

North Texas Municipal Water District

505 East Brown Street
Wylie, TX 75095
Steve Long
972-442-5405

Reference(s) (Name, Address, Point of Contact, Phone)

North Texas Municipal Water District

505 East Brown Street
Wylie, TX 75095
Steve Long
972-442-5405

PROJECT REFERENCE FORM
Complete the following form for each representative project.

Project Name

Black Bayou Mitigation Bank

Project Description

RES is the prime firm for this full delivery mitigation bank project (land acquisition, design-build, operate and maintain) and GEC, Inc. was the lead design firm. Together, GEC and RES went through an iterative design process to permit multiple phases of the project. The approach aimed to restore and/or improve hydrologic connectivity between the stream and wetlands to improve floodplain connectivity, stability, habitat, water quality, enhance water retention of stormwater, and minimize erosion and sedimentation of neighboring waters. The increase in structural diversity also reduced high-velocity sheet flow across the soil surface while increasing bio-filtration. Wetland restoration and enhancement work included plugging ditches/channels and constructing small berms to restore hydrology, re-establishment of natural surface contours, invasive species control, and planting of native vegetation. RES controls invasive species and overpopulated soft mast, including green ash, on the entirety of the bank acreage. Approximately 22,000 woody stems were planted, approximately 1,300,000 bare-root seedlings, of ecoregion type, were installed, and to date, all planted acreage has met or surpassed the vegetative performance standards set within the mitigation instrument. Adaptive management has been implemented twice due to impacts from adjacent landowners. A plugged ditch was re-contoured on a bank impacting the stream and riparian corridor and there was an accidental herbicide overspray by a neighboring landowner on RES property. RES replanted impacted acreage with similar age trees from our nursery and focused on relationship building and educating adjacent landowners.

Contract Value

Black Bayou Mitigation Bank will generate stream/wetland credits valued at nearly $16,000,000 throughout its project timeline

Period of Performance

August 2007 through December of 2020

Description whether Schedule and Budget were Met

All project schedules were met or completed ahead of projected timeframes. All long term success criteria associated with the stream restoration (Phase II) were met and closed out on schedule. Phase I and III exceeded regulatory expectations, met long term success criteria, and have been closed out to further regulatory coordination. Their final credit amounts have been released ahead of schedule (2019). Phase IV fully demonstrated all long-term performance criteria in 2020 (3 years ahead of schedule). All project budgets were met.

Key Personnel Involved in Project (and Roles of Key Personnel)

Jennifer Hatchett and Tara Kelly- Allocation of monitoring staff and resources when needed outside of the designated Black Bayou, Louisiana team.

Owner (Name, Address, Point of Contact, Phone)

RES owns the mitigation bank. Approval was required from USACE thus their contact is provided as reference below.
Contact: David Hill, Region Vice President
6575 West Loop South, Suite 300, Bellaire, TX 77401
david@res.us
(225)603-5334

Reference(s) (Name, Address, Point of Contact, Phone)

Kristi Hall, Project Manager (USACE, Vicksburg District)
4155 Clay St, Vicksburg, MS 39183
kristina.w.hall@usace.army.mil
(601)631-7528

PROJECT REFERENCE FORM
Complete the following form for each representative project.

Project Name

Package P Stormwater Management (SWM) Facilities

Project Description

RES is the prime firm for the design-build project called Package P for MWAA. We self perform the majority of the work under this contract and also oversee our local/small/minority business subcontractors. This project was in conjunction with a Metro train line extension. In total, RES built 5 constructed wetlands, 3 bioretentions, 3 dry swales, and 2 filtering practices along an 11-mile stretch of the Dulles Toll Road and Greenway. After finishing the design work, RES started work on each site as these were handed off from the contractor finishing the new rail line. Specific tasks performed by RES included site mobilization, clearing and grubbing, excavation and grading, stabilization, and the re-establishment of native trees and shrubs. As this project was in an urban, highly visible, and highly populated area, along a major transportation route, it required innovative strategies for equipment access, strict adherance to safety protocols, effective progress for on-time completion, and professional and respectful crew demeanor. Due to the project's high visibility and complexity, RES used a dedicated team of project managers and safety personnel while working on this project.

Contract Value

$25,099,180.92

Period of Performance

June 2018 – June 2023

Description whether Schedule and Budget were Met

Construction was completed 5 months ahead of schedule. Planting will completed soon with Substantial Completion achieved on time. The budget was met.

Key Personnel Involved in Project (and Roles of Key Personnel)

Tara Kelly- Regulatory Director responsible for quality assurance on all regulatory submittals and allocation of regulatory staff and resources for tasks such as permitting, feasibility, and monitoring

Jennifer Hatchett- Senior Project Manager. Project managers for this contract report through Jennifer. She has oversight responsibilities for schedule and budget compliance as well as overall quality for deliverables.

Owner (Name, Address, Point of Contact, Phone)

Metropolitan Washington Airports Authority
Stephen Barna, P.E., M.ASCE, Director, Project Engineering, Dulles Corridor Metrorail Project
198 Van Buren Street, Suite 300, Herndon, VA 20170
(703)572-0684
stephen.barna@dullesmetro.com

Reference(s) (Name, Address, Point of Contact, Phone)

Metropolitan Washington Airports Authority
Stephen Barna, P.E., M.ASCE, Director, Project Engineering, Dulles Corridor
Metrorail Project
198 Van Buren Street, Suite 300, Herndon, VA 20170
(703)572-0684
stephen.barna@dullesmetro.com

PROJECT REFERENCE FORM
Complete the following form for each representative project.

Project Name

Virginia Department of Transportation (VDOT) Nutrient Credit Contracts

Project Description

For over six years, RES has been the primary nutrient credit provider to VDOT in the Potomac and York River watersheds. Following the expansion of Virginia's nutrient trading program in 2016, RES was awarded additional VDOT Contracts to provide credit delivery services throughout the entirety of the Southern Rivers watersheds. After continued nutrient delivery success through all existing contracts, VDOT awarded an additional contract in 2019 to expand services to the Eastern Shore of Virginia. During this time, RES has provided over 815 pounds of phosphorus credit to VDOT without incident at a firm fixed price, significantly reducing VDOT's costs and eliminating financial risk associated with market price volatility. To ensure future sufficient credit inventory for VDOT, RES has developed 38 nutrient banks and converted more than 3,000 acres of land in contracted watersheds. This equates to 2,000+ lbs of annual TP reduction and 21,500+ lbs of annual TN reduction. Additionally, RES is continually developing new banks in order to ensure the ability to service any future VDOT credit needs throughout the state. RES' role for these contracts includes full integration of services ranging from land search and site acquisition , design, construction, operation, and maintenance which allows for maximum flexibility to efficiently deliver credits at the most effective cost.

Contract Value

Approximately $2,250,000 annually

Period of Performance

VDOT Contract Periods of Performance: various from May 2014 through December 2021

For current nutrient banks that sell credits to VDOT, regulatory obligations are ongoing for 5 years of monitoring.
We project regulatory close-out of our most recent bank in December of 2026.

Description whether Schedule and Budget were Met

RES has met or exceeded all schedule and budget requirements for these contracts.

Key Personnel Involved in Project (and Roles of Key Personnel)

Tara Kelly- Regulatory Director responsible for quality assurance on all regulatory submittals and allocation of regulatory staff and resources for tasks such as permitting, feasibility, and monitoring

Jennifer Hatchett- Senior Project Manager. All VDOT nutrient bank project managers report through Jennifer. She has oversight responsibilities for schedule and budget compliance as well as overall quality for deliverables.

Owner (Name, Address, Point of Contact, Phone)

All Nutrient Banks are owned by RES entity, CBAY-VA LLC
(Services performed by HGS, LLC)
Contact: Ben Eubanks
1408 Roseneath Road, Suite B, Richmond, VA 23230
(804)955-0330
beubanks@res.us

Reference(s) (Name, Address, Point of Contact, Phone)

John Olenik
Virgina Department of Transportation
1401 E Broad St, Richmond, VA 23219
(804)371-0366
John.Olenik@VDOT.Virginia.gov

EXHIBIT 9.2 (b)

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

SMALL BUSINESS ENTERPRISE SUBCONTRACTOR PARTICIPATION SCHEDULE

Contract/ Solicitation No.	6000001215		Date	April 12, 2021	
Project Name & Location	Design/Build of a Lower Kissimmee Basin Stormwater Treatment Project		Project	SOLICITATION NUMBER: 6000001215	
Bidder/Proposer	HGS, LLC dba Angler Environmental, LLC				
Address	6575 West Loop South, Suite 300, Bellaire, TX 77401 (Corporate Headquarters)				
Contact Person	Alec Sheaff	Email Address	asheaff@res.us	Telephone No.	615.840.5400

ORGANIZATION STATUS

Business Association	Business Name	Business Address	Business Phone#	Work to be Performed		
				Describe Type of Work to be Performed	% of Work	Dollar Amount
Prime Bidder/Proposer	HGS	6575 West Loop South, Suite 300, Bellaire, TX 77401 (Corporate Headquarters)	713.520.5400	Prime Firm	10	
Non SBE Subcontractor	ECT	3701 NW 98th St. Gainesville, FL 32606	352.332.0444	Design Lead	65	
SBE Subcontractor	WSI	5302 NW 156th Avenue, Gainesville, FL 32653	386.462.9286	Stormwater treatment design and operational assistance	13	
SBE Subcontractor	BFA	1230 Hillcrest Street Suite 100 Orlando, FL 32803	407.896.8608	Survey Lead and Design Support	12	
SBE Subcontractor						
SBE Subcontractor						

*Per Part 5 – Small Business Enterprise ("SBE") Utilization (Page 15) of the RFP indicates no dollar amount is to be provided, only percentages. Only Phase I Services are included within this form.

100%	**$0.00**
	$0.00

The listing of a Small Business Enterprise (SBE) shall constitute a representation by the bidder/proposer to the District that the bidder/proposer believes such SBE to be technically and financially qualified and available to perform the work described. Bidders/Proposers are advised that the information contained herein may be verified.

Bidder/Proposer Signature

Donald Seaborn Jr.
Region Vice President
Title

4/12/2021
Date

Form 0956 (08/2013) Incorporated by reference in subsection 40E-7.670(3), F.A.C. sfwmd.gov

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

STATEMENT OF INTENT TO PERFORM AS A SMALL BUSINESS ENTERPRISE SUBCONTRACTOR

Solicitation No. or Contract No. 6000001215

A signed "Statement of Intent to Perform as a SBE Subcontractor" must be completed by the owner or authorized principal of each SBE firm listed in the "SBE Subcontractor Participation Schedule" Form No. 0956.

Barnes, Ferland and Associates, Inc. agrees to perform work on the above contract as (check one):
(Legal Business Name of SBE Subcontractor as it appears on the Florida Division of Corporations Website, inclusive of dba)

☐ a partnership; ☒ a corporation; ☐ an individual; ☐ a joint venture

SBE Subcontractor FEIN: 59-3237612

SBE Subcontractor Certification Expiration Date: January 14, 2022

SBE Subcontractor

The SBE Subcontractor will enter into a formal agreement, conditioned upon the Bidder/Proposer executing a contract with the District for the work with Resource Envioronmental Solutions .
(Name of Bidder/Proposer)

Item No.	Type of Work	Agreed Price (For CCNA, Agreed Percentage)	% of Work
1	Pump Station Design and Survey/SUE	$	12 %
2		$	%
3		$	%
	Total Value of Work	**$**	**%**

*Please include a copy of the District's SBE Certification Letter for the SBE Subcontractor.

SBE Subcontractor Signature Patrick A. Barnes, PG

Founder / CEO
Title

April 12, 2021
Date

Incorporated by reference in subsections 40E-7.670(2)(a), F.A.C.

Form 0957 (08/29/2013)

sfwmd.gov

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

STATEMENT OF INTENT TO PERFORM AS A SMALL BUSINESS ENTERPRISE SUBCONTRACTOR

Solicitation No. or Contract No. 6000001215

A signed "Statement of Intent to Perform as a SBE Subcontractor" must be completed by the owner or authorized principal of each SBE firm listed in the "SBE Subcontractor Participation Schedule" Form No. 0956.

Wetland Solutions, Inc. agrees to perform work on the above contract as (check one):
(Legal Business Name of SBE Subcontractor as it appears on the Florida Division of Corporations Website, inclusive of dba)

☐ a partnership; ☒ a corporation; ☐ an individual; ☐ a joint venture

SBE Subcontractor FEIN: 59-3675821

SBE Subcontractor Certification Expiration Date: 10/26/2021

SBE Subcontractor

The SBE Subcontractor will enter into a formal agreement, conditioned upon the Bidder/Proposer executing a contract with the District for the work with RES .
(Name of Bidder/Proposer)

Item No.	Type of Work	Agreed Price (For CCNA, Agreed Percentage)	% of Work
1	Stormwater treatment design and operational assistance	$	13 %
2		$	%
3		$	%
	Total Value of Work	**$**	13 **%**

*Please include a copy of the District's SBE Certification Letter for the SBE Subcontractor.

SBE Subcontractor Signature	Title	Date
	President	4/6/2021

Incorporated by reference in subsections 40E-7.670(2)(a), F.A.C.

Form 0957 (08/29/2013)

sfwmd.gov

(Form No. 1112)

Statement of No Suspension

Solicitation No. 6000001215

The respondent signifies, by signing below, to the best of its knowledge and belief, that –

1. The respondent and/or any of its Principals:

   (a) Are ( ), are not (X) presently temporarily suspended or declared ineligible for award of contracts by the South Florida Water Management District (District);

   (b) Are ( ), are not (X) presently permanently suspended or declared ineligible for award of contracts by the District;

   (c) Are ( ), are not (X) presently debarred, suspended, proposed for debarment or declared ineligible for award of contracts by any federal agency; and

   (d) Are ( ), are not (X) aware of any proposed team member (subcontractor or subconsultant) that is presently temporarily or permanently suspended or declared ineligible for award of contracts by the District.

2. "Principals" for the purposes of this statement, are defined as sole proprietor, partner, owner, officer or director of a contracting entity.

3. The respondent shall provide immediate written notification to the Procurement Bureau Chief if, at any time prior to contract award, the respondent learns that its statement was erroneous when submitted or has become erroneous by reason of changed circumstances.

4. This statement is a material representation of fact upon which reliance was placed when making an award. If it is later determined that the respondent knowingly rendered an erroneous statement, in addition to other remedies available to the District, the Procurement Bureau Chief may terminate the contract resulting from this solicitation for default.

HGS, LLC dba Angler Environmental, LLC	Donald Seaborn Jr. - Region Vice President	4/11/2021
Name of Respondent	Signature of Authorized Individual	Date

Appendix B – Resumes

Jennifer Hatchett, P.E., CFM

Project Manager

As the Director of Project Delivery for RES, Jennifer supports Senior Managers across the East Coast to successfully execute full delivery and design-build projects on schedule and budget while ensuring adherence to RES' quality assurance program. She also serves as the program manager at RES for large portfolio clients such as the Virginia Department of Transportation (VDOT) and the Maryland Department of Transportation State Highway Administration (MDOT SHA).

She has more than 20 years of experience in water resources engineering and project management. Prior to joining RES in 2019, her most recent experience includes leading the Stormwater and Wastewater Utilities' departments with the City of Richmond, where she oversaw 125 employees in the permitting departments, operations and maintenance and capital improvements with combined budgets of more than $65M annually.

AT A GLANCE

Contact
jhatchett@res.us | 804.399.3015

Years' Experience
20 years

Education
- MS, Civil Engineering, Fluid Mechanics
- BS, Civil Engineering

Registrations and Training
- Professional Engineer, VA #0402048501

Her experience includes design and construction of Capital Improvement Projects, stormwater and wastewater utility operations and maintenance, direction of engineering teams, water resources permitting, and coordination among the public and private sectors all while ensuring regulatory compliance.

SELECT PROJECT EXPERIENCE

Statewide MS4 / TMDL Implementation & Related Activities On-Call Contract. Virginia Department of Transportation, Statewide, VA- 2020 to 2025

Serves in a contract oversight role for a five-year, open-end contract with the Virginia Department of Transportation (VDOT) to provide technical services for the development and implementation of projects to meet applicable Total Maximum Daily Load (TMDL) Action Plans in support of VDOT's Municipal Separate Storm Sewer (MS4) Program. Projects include wetland and stream restoration, land cover conversion, shoreline stabilization, and other structural and non-structural Stormwater Management.

Bois d' Arc Lake Mitigaiton Project.. North Texas Municipal Water District, Fannin County, TX

Supports out of state resource allocation for the stream, wetland, and other habitats restoration to restore approximately 17,000 acres of habitats to offset the environmental impacts of building a drinking water reservoir. RES will provide complete stewardship of the mitigation sites, from design and implementation through monitoring and maintenance over the next 20+ years. RES will provide approximately 70 miles of stream restoration and enhancement and plant more than five million trees.

Black Bayou Mitigation Bank, Catahoula Parish, Louisiana

Supports out of state resource allocation for monitoring and maintenance phases of project implementation. The mitigation bank includes 19,729 linear feet of stream restoration, 82 acres of buffer restoration, 2,061 acres of wetland restoration/ creation, 241 acres of wetland enhancement, and 10 acres of upland reforestation.

TMDL Credit Services. Corvias, Prince George's County, MD

Provides Project Management and Program Oversight to provide TMDL credits to the Clean Water Partnership to help Prince George's County meet their MS4 permit goals. RES is providing full-delivery services including design, permitting, and construction. Two projects are currently being completed under this contract: the Crain Highway project which includes the design, permitting, and restoration of 2,556 LF (LF)of the main stem Horse Tavern Branch (Reach 1) and along 1,064LF of an unnamed tributary to Charles Branch (Reach 2).

Full Delivery Stream Restoration Services. Maryland Department of Transportation, State Highway Administration (MDSHA), Statewide, MD

Provides Project Management Oversight to provide a total of 34,148 LF of full delivery stream restoration projects. RES will be providing services on seven separate sites under this contract. For each site, RES is responsible for site selection, land acquisition, survey, design, permitting, construction, monitoring, and adaptive management in order to support the SHA's Chesapeake Bay restoration goals.

Select Work Experience

Deputy Director II, City of Richmond, Virginia, Department of Public Utilities

Lead the day to day operations of the Stormwater and Wastewater Collections Divisions, including the administration of the operations and maintenance for the stormwater utility and wastewater collections, sanitary and combined sewer engineering, capital projects, water resources department, development and construction services, floodwalls and levees. Responsibilities under this role included:

- Providing leadership to staff of 125 employees; including engineers, inspectors, operations and maintenance staff;
- Prepared and managed Capital Improvement Projects and Operations & Maintenance annual budgets for sanitary sewers, stormwater, and Clean Water Act compliance totaling over $65 M per year.
- Lead the planning and prioritization of strategic and tactical plans including the City of Richmond Integrated Water Resources Plan ("RVA Clean Water Plan"). The Clean Water Plan is an initiative of DPU to integrate drinking water, wastewater, and stormwater under one watershed management program, to more efficiently achieve cleaner water faster.
- Operated, maintained, and provided daily internal and external customer service on the stormwater, sanitary sewer, combined sewer, canal system, run of the river dams and floodwall and levee system issues;
- Assisted the Director and Deputy Chief Administrative Officer in implementing initiatives and directives of the Mayor and Chief Administrative Officer;
- Developed relationships with internal departments and NGOs to promote and implement strategies to improve water quality and reduce flooding through Green Infrastructure.
- Coordinated daily with internal and external engineers and project managers on stormwater, sanitary sewer, combined sewer, canal system and floodwall and levee system capital projects;
- Ensured Compliance with all applicable State and Federal rules and regulations.
- Re-programmed the TMDL Action Plan to fast-track key projects to go from less than 5% of the 2018 goal to exceeding the goal by 300% for Phosphorus. Created a Plan to meet 100% reductions by 2028.

Area Manager/Project Manager, Jacobs (CH2M Hill)

As an Area Manager, Jennifer had the responsibility of reviewing client contracts and given signature authority as final reviewer of such contracts, up to $5M per contract. She developed the annual plan for the Richmond area with input by enterprise stakeholders in the respective geographic area and managed the Richmond area office, comprised of more than 25 engineers and support staff, serving a wide variety of municipal, federal and private clients to help solve their diverse challenges. Jennifer successfully managed dozens of water infrastructure projects for the City of Richmond Department of Public Utilities and other localities, ranging in complexity and budget. Projects completed specifically for Richmond DPU include: Feasibility, Cost of Service Analysis, Billing and Implementation of the City's Stormwater Utility; Multiple design and construction services for the water, wastewater and stormwater utilities.

Senior Civil Engineer, Bentley Systems (Haestad Methods)

Served as a Senior Civil Engineer, account manager, and instructor for accredited continuing education workshops, specializing in water distribution, sanitary sewer and stormwater applications. Jennifer provided technical assistance and consultation on system design, master planning, water quality, and rehabilitation for many of the largest water and wastewater utilities in the world. As part of the Services team, she managed several key projects for water and wastewater utilities, as well as State Transportation Departments. Additionally, Jennifer coordinated and taught more than 85 courses and instructed thousands of civil engineers from around the world in water distribution, sanitary sewer and stormwater hydraulic modeling.

Water Resources Engineer, Arcadis

Served as a Water Resources Engineer with a wide range of duties and responsibilities including managing and performing county-wide watershed assessments and stormwater management studies, creating floodplain and floodway studies and performing the hydraulic calculations for existing and proposed conditions for bridge replacements for the Georgia DOT. Analyses were performed to meet the state's hydrologic and hydraulic requirements. As project engineer for stormwater drainage and water quality design projects, assembled drainage structure inventories in GIS, modeled the existing and proposed hydrologic conditions, and prepared proposals, cost estimates, and reports for projects. Projects were completed through use of computer modeling techniques, site investigations, survey data and expertise in hydrology and hydraulics.

Sanjiv K. Sinha, Ph.D., P.E.

Engineering Design Manager

Sanjiv Sinha, Ph.D., P.E. is a Member of the Board of Directors and a Senior Vice President at ECT, an environmental and water resources consulting firm. A frequent presenter on topics related to economic instruments in the stormwater infrastructure market, including at Florida Permitting School, he is a well regarded expert on public private partnerships, pay-for-performance, and design-build contracts.

As a team leader for ECT's water business line, Dr. Sina leads a team of nearly 25 full-time staff in the state of Florida. For the South Florida Water Management District, he has also led projects related to the South Florida Regional Simulation Model and field measurements at hydraulic structures.

EXPERIENCE

Developing South Florida Regional Simulation Model | South Florida Water Management District (SFWMD)
This project consisted of developing XML-based advanced numerical algorithms for a unique and novel $25 million hydrologic modeling effort modeling nearly a fourth of the state of Florida.

QA/QC of Field Measurements at Hydraulic Structures | SFWMD
Developed a methodology to carry out QA/QC of data collected at nearly 200 large hydraulic structures operated by SFWMD. A work plan was developed, outlining the methodologies and procedures to be used for processing, quality assuring, and archiving data in the SFWMD database.

Develop Private-Public Partnership for a Contaminated Sediment Remediation Project | U.S. Environmental Protection Agency (EPA)
ECT assisted the EPA in establishing a public-private partnership to evaluate the lower Rouge River channel for possible sediment contamination issues and eventual remediation. This project included the following tasks: meetings with key corporate and community stakeholders within the Rouge River area of concern (AOC) (corporate stakeholders included Ford Motor Company, Severstal, U.S. Steel, Marathon Oil, DTE, as well as others); community outreach to inform prospective remediation partners about the results of Michigan Department of Environmental Quality (MDEQ) and EPA surveys of the Lower Rouge River, inform prospective remediation partners about the GLLA proposal process and expectations; investigate synergistic partnerships with other federal and state agencies that carried out work within Rouge River AOC, such as the U.S. Army Corps of Engineers (USACE), MDEQ, etc., and help build consensus for a phased proposal for sediment characterization.

Fishery & Ecosystem Restoration Support Plan, U.S. Army Corps of Engineers (USACE) – Buffalo/Chicago/ Detroit Districts
This project developed a strategic initiative (similar to the Everglades Restoration Plan, although on a much smaller scale) to restore the fisheries and ecosystem within the Great Lakes region. The project consisted of identifying potential data gaps in the Great Lakes region, developing state-of-the-art review reports on Great Lakes fishery, and addressing the problems that have led to significant declines in the populations of specific species. Overall, the project developed a strategic plan with an outline of the complexities of strategic fishery management, including policy, planning, coordination, and restoration. Based upon the recommendation of this work, USACE was authorized to spend $100 million in federal funding over a decade.

EDUCATION

Ph.D., Civil and Environmental Engineering
University of Iowa

M.S., Civil and Mineral Engineering
University of Minnesota

B.E., Civil Engineering

Indian Institute of Technology (Roorkee)

CREDENTIALS

Professional Engineer, Michigan, No. 6201045609

Professional Engineer, Florida, No. 81678

AREAS OF EXPERTISE

Program Management

Public-Private Partnerships

Water Resources

Policy & Planning

Green Infrastructure

Modeling

Total Maximum Daily Loads

Stream & Ecological Restoration

Quality Assurance & Quality Control

Other Professional Activities

EPA Mission Support Contract Vehicle in Midwest | Multiple clients such as Wisconsin Department of Natural Resources, Indiana Department of Environmental Management, Illinois EPA, MDEQ, National Fish and Wildlife Foundation, Ohio EPA
Supported by a competitively-won, multi-year, mission support contract vehicle to EPA, as well as several independent bids, led a series of AOC projects that included the following:

- **Delisting targets and project summaries:** Identified the process and developed targets for the removal of beneficial use impairments (BUIs) for 10 AOCs in five states: Michigan (Clinton, Rouge, Detroit, St Clair, and Raisin rivers); Wisconsin (Sheboygan and Milwaukee rivers), Wisconsin/Minnesota (St. Louis River); Indiana (Grand Calumet River), and Illinois (Waukegan Harbor). Leveraged team's understanding of state-specific water quality standards to develop uniform, quantifiable targets across the basin AOCs for non-habitat-based BUIs. Also developed a list of high-priority projects and restoration summaries for habitat-based BUIs to assist with their eventual removal as a BUI.
- **Shovel-ready project documents:** In Detroit and St. Clair AOCs, developed listings and descriptions of shovel-ready projects to better define a clear pathway to delisting.
- **Environmental Resource Information Management Systems (ERIMS):** Led the development of user-friendly ERIMS databases to facilitate the identification and prioritization of projects that identify the pathway to BUI removal and AOC delisting in six AOCs: Grand Calumet, Maumee, Menominee, Milwaukee, Clinton, and Rouge rivers.
- **Meeting support:** Oversaw the support for GLNPO binational executive committee meetings with the Canadian counterparts.

Construction Services Contract Vehicle | GLNPO via Environmental Quality Management Inc. (EQM) as well as via Sevenson Environmental Services Inc.
Supported by a competitively won, multi-year and of $310 million contract ceiling, ECT has provided construction services to GLNPO for the following:

- St. Clair River habitat restoration: The objectives of these projects, located in Port Huron and in Cottrellville Township in St. Clair watershed, were to improve physical river habitat for fish, macroinvertebrates, and herpetofauna. In addition, the reduction of non-point-source erosion and resulting sedimentation through stabilizing areas of bare earth and removing invasive vegetation and restoring to a riparian buffer. ECT team provided onsite construction quality assurance/ quality control (QA/QC) to the prime contractor EQM.

Sterling Island Restoration Project | City of Monroe | Monroe, MI
Provided senior principal-level oversight for team's project management, permit application, construction specifications, and bidding. Team also provided construction oversight for the project. Project included the installation of a longitudinal stone toe, rock vane, timber steps, and native plantings. The goal of the project was to reduce erosion of the island, reducing the sediment contribution to the River Raisin.

U.S. Steel Habitat Restoration Project | Friends of the Detroit River | Ecorse, MI
Provided senior principal-level oversight for team's project management, design, and permit application package, and public outreach for the restoration of habitat along and adjacent to the shoreline at the U.S. Steel-Great Lakes Works site in Ecorse, Michigan.

Recent Panel Chairman Roles
Chairman, Panel on "Habitat Mitigation and Restoration," Ninh International Conference on Remediation and Management of Contaminated Sediments, New Orleans, Louisiana, February 2019.

Co-Chairman, Panel on "Habitat Remediation and Restoration," Ninth International Conference on Remediation and Management of Contaminated Sediments, New Orleans, Louisiana, January 2017 (Panel Co-chair: Anthony Eallonardo, O'Brien and Gere).

Co-Chairman, Panel on "Sediment Remediation in the Great Lakes Basin," Eighth International Conference on Remediation and Management of Contaminated Sediments, New Orleans, Louisiana, January 2015 (Panel Co-chair: Marc Tuchman, Great Lakes Legacy Act, EPA - Great Lakes National Program Office).

Chris Keller, P.E.

Design Support

Mr. Keller is experienced in water resources engineering, water quality and biological monitoring, water quality treatment, and environmental permitting. Mr. Keller has particular expertise in treatment wetlands design, performance optimization, water regime and hydrologic analysis, and data interpretation.

Education

M.E., Environmental Engineering, University of Florida, 1994

Graduate Wetlands Certificate, University of Florida, 1994

B.S., Environmental Engineering, University of Florida, 1992

Professional Registrations

PE FL/Civil, No. 54040

PE OR/Civil, No. 92567

PE SC/Civil, No. 29477

PWS No. 3080

Qualified Stormwater Management Inspector (#31267)

Experience

WSI: 2003-present (Gainesville, FL)

CH2M: 1994-2003

Expertise

Treatment Wetland Design

Restoration Design

Wetland Process Modeling

Wetland Hydrology

Treatment Wetland O&M

Representative Project Experience

C-43 Water Quality Treatment and Testing Project, SFWMD, Labelle, FL: Mr. Keller served as WSI project manager and provided senior engineering guidance for the design of the C-43 WQTTP which was developed to demonstrate and implement cost-effective wetland-based strategies for reducing total nitrogen (TN), total phosphorus (TP), and total suspended solids (TSS) loads to the C-43 Canal, Caloosahatchee River, and downstream estuarine ecosystems. The project included the design, construction, and operation of a mesocosm-scale wetland test/demonstration facility using constructed wetlands dominated by either emergent vegetation (EMV) or submerged aquatic vegetation (SAV). Mr. Keller provided mesocosm design support and QA/QC for operational data collection and reporting tasks.

Conceptual Design of the C-43 Water Quality Treatment Area Test Facility, SFWMD, Labelle, FL: Mr. Keller served as lead engineer for the conceptual design of a multi-scale nutrient reduction treatment facility for Caloosahatchee River water. The design included mesocosm-scale, test cell-scale, and field-scale treatment units with pumped inflows from the Caloosahatchee and gravity discharges to interior canals on the District's BOMA property. Mr. Keller developed the overall site layout, grading and piping plans, sampling and monitoring plans, and cost estimates for construction and multi-year operation.

C-43 Storage Reservoir Test Cells, SFWMD, Labelle, FL: Mr. Keller provided water quality and sediment sampling support and led the development of nutrient mass balances and removal estimates for the 5-acre reservoir test cells that were constructed within the proposed footprint of the C-43 Storage Reservoir. Mr. Keller also conducted analyses to estimate the nutrient load capture efficiency for the full-scale reservoir and evaluated the potential need for downstream wetland polishing to reduce algal solids prior to returning stored water to the Caloosahatchee River.

C-44 Reservoir and Stormwater Treatment Area, SFWMD and USACE, Martin County, FL: Mr. Keller provided senior design guidance for 6,100-acres of stormwater treatment wetlands. Mr. Keller also provided water quality modeling support to forecast performance of both the reservoir and STA compartments. Mr. Keller led the water quality sampling program for the reservoir and STA test cells and prepared nutrient load reduction mass balances and water budgets. Mr. Keller tracked vegetative plant survival and recruitment in the STA test cells following two methods of plant establishment: hydroseeding, and bare root planting.

Lake Okeechobee Watershed Project, SFWMD: Mr. Keller assisted with a variety of tasks for the Lake Okeechobee Watershed Project. These tasks included evaluating optimum hydraulic loading rates to maximize phosphorus load reduction while protecting STA structure and function, recalibration of DMSTA (with W. Walker) for lakes and wetlands north of the Everglades Agricultural Area, comparing phosphorus performance estimates generated with DMSTA and DMSTA version 2, conducting a literature review to estimate long-term sediment accretion rates in treatment wetlands, developing preliminary phosphorus removal estimates (DMSTA) for potential STAs in the Lake Okeechobee Watershed, reviewing estimated watershed flows and loads generated with the OASIS model, assisting with the integration

of OASIS and DMSTA to rank potential projects in the Lake Okeechobee Watershed, and updating the Water Quality Ranking Tool to prioritize potential projects in the Lake Okeechobee Watershed. Mr. Keller also developed a detailed design guidance report for stormwater treatment areas (STAs) in the Northern Lake Okeechobee Watershed. The report also included recommendations for optimal site conditions for STA construction.

Independent Technical Review of STA-1E, USACE, West Palm Beach, FL: Mr. Keller prepared an independent analysis of operational data from STA-1E for the U.S. Army Corps of Engineers. This work included the preparation of period-of-record water and phosphorus mass balances and estimation of phosphorus removal rates. Follow-on work included an analysis of potential remedial actions that could be taken to improve water quality performance. Mr. Keller also conducted an independent review, including water and nutrient mass balances, for a pilot periphyton-based stormwater treatment area (PSTA) project. The findings were presented to the Everglades Technical Oversight Committee.

Lake Apopka Marsh Flow-Way Optimization, SJRWMD, Palatka, FL: Mr. Keller collaborated on the identification and evaluation of structural, physical, and operational modifications to enhance water quality treatment for the 700-acre Apopka Marsh Flow-Way, which treats highly eutrophic surface water from Lake Apopka. After modeling these alternatives, he prepared water quality performance estimates for the proposed modifications to determine the most cost-effective alternative for future implementation.

Middle St. Johns River Water Quality and Restoration Engineering Design Services, SJRWMD: Mr. Keller provided senior engineering support for concept development, water quality performance estimates, and cost estimates for a project to develop conceptual designs for wetland-based treatment systems for the Econlockhatchee River and Lake Jesup. Both conceptual plans included evaluations of enhanced phosphorus removal techniques and use of submerged aquatic vegetation (SAV) for wetland polishing.

Sweetwater Branch/Paynes Prairie Sheetflow Restoration Project, Gainesville Regional Utilities, Gainesville, FL: Mr. Keller provided engineering design assistance and water quality performance modeling for the 125-acre Sweetwater Branch/Paynes Prairie Sheetflow Restoration Project in Gainesville, FL. Project elements include in-line trash and sediment removal facilities, three constructed wetland cells to cleanse a combined flow of stormwater runoff and reclaimed water, and a distribution channel to spread water across a mile-wide portion of Paynes Prairie. Mr. Keller led wetland planting plan development and planting oversight during construction; provided required system reporting for compliance and water quality/quantity treatment estimates based on field-collected monitoring data; and worked on mitigation data collection to support United States Army Corps of Engineers wetland permitting. Mr. Keller also completed data analysis to support a Water Quality Based Effluent Limitation that demonstrates attainment of the Total Maximum Daily Load for Alachua Sink.

Lake Hancock Outfall Treatment Project, SWFWMD, Bartow, FL: Mr. Keller provided senior wetland design assistance and water quality modeling for the 1,008-acre Lake Hancock Outfall Treatment Wetland in Polk County, Florida. This design was particularly challenging because of the high content of organic nitrogen in this eutrophic lake and the highly variable flow regime at the outlet from the lake. Mr. Keller prepared water quality modeling estimates, design drawings for the wetland planting plan, wetland planting specifications, and elements of the operations and maintenance plan.

Three Sisters Stormwater Treatment Wetland, SWFWMD, Crystal River, FL: Mr. Keller was lead engineer for all phases of this stormwater retrofit project which was implemented to improve the water quality of stormwater entering King's Bay in Crystal River. Mr. Keller's specific tasks included the feasibility analysis, hydrologic/hydraulic analysis, stormwater pollutant loading analysis, environmental permitting, performance estimation, and wetland design criteria development (size, layout, water depths, inlet and outlet structures, berm heights, and target plant communities), final design plan preparation, and construction-phase services. The project provided a passive, gravity treatment wetland system designed to capture peak stormwater flows for treatment in a flow-through wetland system discharging into King's Bay. This design required careful management of offsite stormwater impacts resulting from adding control structures. The selected design maximized treatment opportunities while addressing tidal fluctuations and minimizing offsite impacts.

WILLIE E. THOMAS, PE

Pump Station Design Lead

EXPERIENCE

Barnes, Ferland and Associates, Inc. 2000-Present

Brown and Caldwell, Inc. 1994 - 2000

EDUCATION

University of Central Florida, B.S., Civil Engineering, 1996

PROFESSIONAL REGISTRATION

Professional Engineer FL 57612

ASSOCIATIONS

Florida Water and Environment Association (FWEA)

Mr. Thomas, PE, BFA President, will serve as Principal-in-Charge/Contract Manager for this contract. Will has over 25 years' experience in the planning, design, permitting, and construction management of water and wastewater utility infrastructure.

He is experienced in the use of state-of-the-art hydraulic models and GIS programs. Mr. Thomas' lift station design and rehabilitation experience includes the design, permitting and construction administration of over 30 wastewater lift stations. His pumping systems and hydraulic analysis experience also includes high service pump stations, and booster pump stations for water and reclaimed water facilities. His pipeline experience includes the design, permitting and construction administration of over 55 miles of pipelines ranging from 2-inch diameter low-pressure sewer pipelines to 36-inch diameter water transmission mains. He has designed and has design and construction administration experience at wastewater treatment facilities.

REPRESENTATIVE EXPERIENCE

MDWASD NW 7th Avenue Sanitary Sewer Improvement Phase II Design-Build – Miami, Florida - Project Manager – Design, permitting and construction management services for the installation of 6,500 LF of 8" PVC gravity sewer, 2,800 LF of 8" DIP force main, and a 47 Hp duplex wastewater pump station. The project was constructed by and FDOT roadway contractor as part of a Joint Project Agreement between Miami-Dade WASD and FDOT. The FDOT portion of the project consisted of resurfacing and striping of N.W. 7th Avenue. Approximately 5,500 LF of 8" PVC gravity sewer was designed and constructed within FDOT right-of-way. Duplex wastewater pump station was designed, permitted, and constructed in accordance with MDWASD standards. New duplex wastewater pump station included 8-foot diameter wet well with liner, valve vault, two (2) new 47 Hp wastewater submersible pumps (800 gpm), electrical and control panels, RTU, 8-inch discharge piping and 12" force main connection, fittings, valves, by-pass/pump out connection.

Ginn Property Master Pump Station F-3067 - Orange County, FL - Project Manager – Design, permitting and construction management services for a new master pump station serving proposed residential and commercial developments in the area around the Orlando International Airport for Orange County Utilities. Design included an 18-inch influent gravity sewer main, triplex submersible pump station (2 pumps installed at 1,200 gpm station capacity and 1 future pump to be installed by owner), above and below-ground discharge piping and valves, 125 KW standby power generator system with standalone diesel fuel storage tank, SCADA and flow monitoring systems, perimeter masonry wall, and biofilter odor control system. Responsibilities also included management and coordination of survey, structural, and geotechnical services required for utility infrastructure design.

Stillwater Crossing PS #3961 – Orange County, FL - Project Manager – Design, permitting and construction management services for the rehabilitation of an existing triplex pump station for Orange County Utilities. Design included: demolition and removal of the existing 14-foot diameter concrete wet well top slab, concrete valve vault, 10-inch diameter discharge piping and fittings, valves, 212 linear feet of 6-foot chain link fence, and 16-foot wide access gate, removal and replacement of 30 linear feet of existing 16-inch force main, a new fiberglass liner for the wet well, new wet well top slab and pump access hatches with liner, 6-inch concrete slab for discharge piping assembly, 10 and 12-inch discharge piping, fittings, valves, 8-inch magnetic flow meter, and by-pass/pump out connection, modifications to the existing SCADA, new

8-foot high concrete block wall and 16-foot wide access gate. Responsibilities also included management and coordination of survey, structural and electrical engineering services.

Lift Station 23 Improvements – Altamonte Springs, Florida - Project Engineer- For the City of Altamonte Springs. Provided preliminary design, final design, permitting, and bidding services for the replacement of a wastewater pump station, gravity sewer and force main components. Preliminary design included alternatives evaluation, review of wastewater system master plan and pump station hydraulic model, and projected future service area needs. The project included demolition and consolidation of two existing dry pit/wet pit duplex station to a new triplex submersible wastewater pump station, three (3) 800 gpm – 20 Hp pumps, existing surge pit improvements, relocation of existing sanitary and storm sewer and manholes, influent 10" and 12" PVC gravity sanitary sewer and manholes, abandonment of an existing dry pit wastewater pump station, and force main connections to existing wastewater system.

Treehouse PS #3194 – Orange County, FL - Project Manager – Design, permitting and construction management services for the replacement of an existing duplex pump station. Design included: abandonment of 477 linear feet of existing 8-inch gravity sanitary sewer, abandonment/removal of 500 linear feet of the existing 6-inch force main, installation of 488 linear feet of 8-inch gravity sewer main, demolition and removal of the existing pump station; new duplex wastewater pump station including 6-foot diameter wet well with liner, valve vault, two (2) new wastewater submersible pumps, electrical and control panels, 6-inch discharge piping and force main, fittings, valves, by-pass/pump out connection. Responsibilities also included management and coordination of survey, electrical engineering and geotechnical services required for utility infrastructure design. Responsibilities also included management and coordination of survey, electrical engineering and geotechnical services required for utility infrastructure design.

Tara Kelly

Project Architect / Permitting Manager

With 20 years' experience, Ms. Kelly manages and provides technical input and project management oversight for projects within RES' Regulatory Division, including wetland and stream mitigation, water quality, and ecological offset projects. Ms. Kelly has overseen the management of more than 100 wetland and stream mitigation bank sites and project-specific mitigation sites on the east coast. For these 100+ mitigation projects, her responsibilities include oversight of site feasibility and design, landowner contract coordination, regulatory agency review and approval, compliance monitoring and reporting, and credit sale management. This involves a high level of coordination with the Interagency Review Team (IRT), which includes regulatory agencies such as the U.S. Army Corps of Engineers (USACE), U.S. Fish and & Wildlife Service (USFWS), Environmental Protection Agency (EPA), and state regulatory agencies. Ms. Kelly has managed the generation of over 45,000 404 mitigation credits and overseen regulatory tasks for projects generating the removal of over 280 tons of water quality nutrients.

AT A GLANCE

Contact
tkelly@res.us | 571.489.0216

Years' Experience
20 years

Education
- Masters of Environmental Management
- BA, Environmental Studies

SELECT WORK EXPERIENCE

Wancopin Creek Stream Restoration. Virginia Department of Transportation, Middleburg, VA

Provides Project Management and Regulatory Oversight to provide an innovative turnkey stream restoration project. The Project will be enrolled as part of VDOT's Bay TMDL Action Plan, with the associated nutrient reductions credited toward compliance with the Bay TMDL Special Conditions applicable to VDOT as a regulated MS4 under Virginia's MS4 General Permit Program. This project is being completed under RES' VDOT Statewide MS4 / TMDL Implementation & Related Activities On-Call Contract. This project involves the restoration of approximately 15,000 linear feet of involves the restoration of significantly degraded reaches of stream channel located along Wancopin Creek, as well as several unnamed perennial and intermittent tributaries to Wancopin Creek and Goose Creek. Overall, almost seven miles of stream will be enhanced or restored. All land acquisition, design, permitting, construction, monitoring, and maintenance work has or will be performed by RES.

Bois d' Arc Lake Mitigaiton Project.. North Texas Municipal Water District, Fannin County, TX

Supports out of state resource allocation for the stream, wetland, and other habitats restoration to restore approximately 17,000 acres of habitats to offset the environmental impacts of building a drinking water reservoir. RES will provide complete stewardship of the mitigation sites, from design and implementation through monitoring and maintenance over the next 20+ years. RES will provide approximately 70 miles of stream restoration and enhancement and plant more than five million trees.

Black Bayou Mitigation Bank, Catahoula Parish, Louisiana

Supports out of state resource allocation for monitoring and maintenance phases of project implementation. The mitigation bank includes 19,729 linear feet of stream restoration, 82 acres of buffer restoration, 2,061 acres of wetland restoration/ creation, 241 acres of wetland enhancement, and 10 acres of upland reforestation.

TMDL Credit Services. Corvias, Prince George's County, MD

Provides Project Management and Regulatory Oversight for a contract to provide TMDL credits to the Clean Water Partnership to help Prince George's County meet their MS4 permit goals. RES is providing full-delivery services including design, permitting, and construction. Two projects are currently being completed under this contract: the Crain Highway project which includes the design, permitting, and restoration of 2,556 LF (LF)of the main stem Horse Tavern Branch (Reach 1) and along 1,064LF of an unnamed tributary to Charles Branch (Reach 2).

Full Delivery Stream Restoration Services. Maryland Department of Transportation, State Highway Administration (MDSHA), Statewide, MD

Provides Project Management and Regulatory Oversight to provide a total of 34,148 LF of full delivery stream restoration projects. RES will be providing services on seven separate sites under this contract. For each site, RES is responsible for site

selection, land acquisition, survey, design, permitting, construction, monitoring, and adaptive management in order to support the SHA's Chesapeake Bay restoration goals.

Prince William Environmental Bank - Locust Shade, Forest Greens, Andrew Leitch, and James Long Park Sites. Prince William County Department of Parks and Recreation, Prince William County, VA

Regulatory Manager for development of stream mitigation bank known as The Prince William Environmental Bank (PWEB). PWEB is a public-private partnership between RES and Prince William County, VA to restore and preserve over 22 miles of stream channel in County public parks. For 10 selected park sites, oversaw mitigation feasibility analyses, T&E assessments, stream perennial flow determinations, wetland delineations, USACE confirmations, and conceptual stream design. Prepared mitigation banking documents and coordinated Interagency Review Team (IRT) approval of the overall Mitigation Banking Instrument (MBI) and Bank Development Plans (BDP) for three sites. To date, managed full development of three stream mitigation bank sites including Locust Shade Park (5,160LF restored) and James Long Park (7,215LF restored). Oversees annual monitoring reports to maintain compliance with regulatory agencies.

Water Quality Improvement Credits – Green Infrastructure Best Management Practices. Montgomery County Department of Environmental Protection. Montgomery County, MD

Provides QA/QC and provides senior oversight for turnkey projects defined as Green Infrastructure Best Management Practices (BMP), that will treat impervious surface acres, which are currently untreated or inadequately treated, and secure the greatest water quality credits per the Maryland Department of the Environment (MDE). Work under this contract includes but is not limited to, planning, design, permitting, and construction.

Full Delivery of Water Quality Improvements. Anne Arundel County Government. Anne Arundel County, MD

Provides Regulatory oversight to carry out the implementation of new water quality improvement practices; including design, permitting, construction, and maintenance on private properties throughout Anne Arundel County. These water quality improvement projects are eligible for water quality credits consistent with current MDE standards.

Statewide MS4 / TMDL Implementation & Related Activities On-Call Contract. Virginia Department of Transportation, Statewide, VA

Provides Project Management oversight for five-year, open-end contract with the Virginia Department of Transportation (VDOT) to provide technical services for the development and implementation of projects to meet applicable Total Maximum Daily Load (TMDL) Action Plans in support of VDOT's Municipal Separate Storm Sewer (MS4) Program. Anticipated projects include stream restoration, land cover conversion, shoreline stabilization, and other structural and non-structural Stormwater Management (SWM) Best Management Practices under this contract include ecological assessment, regulatory permitting, design, construction, construction oversight, and maintenance and monitoring services.

Wetland and Stream Mitigation Compliance Manager – Multiple Sites. Mitigation Services, Inc. & Wetlands Development, LLC, VA & WV

Responsible for supervision and direction of comprehensive success criteria monitoring program for all active mitigation sites managed by RES, presently consisting of approximately 75 individual sites totaling over 15 miles of stream channel and 300 AC of wetland mitigation. Management duties include coordination with project team members for monitoring results, agency reporting, and ensuring mitigation success. Of note, 52 of RES' permit-specific mitigation projects as well as one bank have met all success criteria monitoring requirements and have been closed out by the regulatory agencies. RES was responsible for all monitoring and maintenance of these mitigation sites.

Frying Pan Mitigation Project. Wetlands Development, LLC, Fauquier County, VA

Regulatory manager for development and monitoring of the site. Tasks include monthly hydrology and maintenance monitoring, vegetation monitoring and hydrology monitoring. Ms. Kelly is responsible for IRT submittals, coordination, and approvals with DEQ, USACE, and WOUS. Manage monitoring and reporting requirements post-construction.

Potomac Regional Environmental Bank (PREB) at Caeli Farm. Mitigation Services, Inc., Aldie, VA

Oversaw development of stream mitigation bank involving the restoration of approximately 10,000LF of stream channel. Oversaw site feasibility tasks, wetland delineation and USACE confirmation, threatened and endangered species review, and conceptual and final design. Prepared mitigation banking documents and coordinated IRT approval of the overall MBI and BDP. Currently manage annual monitoring tasks for success criteria fulfillment.

Cindy Barcia, Construction Manager

SDB INC.

Job Experience

Big Cypress New Testament Fellowship Hall – $2.5 mil. - 5/09 - S.T.O.F

Big Cypress Veterans Memorial - $584,000.00 – 7//09 – S.T.O.F

Immokalee Wet Detention Pond - $320,445.00 – 10/09 – S.T.O.F

Ft. Pierce Reservation Security Gate - $130,631.00 – 10/09 – S.T.O.F

Immokalee Baptist Church - $4,462,065.00 – S.T.O.F – Ram Design – General Contractor on project.

Ahfachkee School - $240,609.00 – 10/09 – S.T.O.F – Miller Legg

Waste Management Wetland Mitigation - $600,000.00 - 2010 - Waste Management of Florida

Waste Management MSW Cell Containment - $1,200,000.00 - 2009 - Waste Management of Florida

Immokalee Casino Kitchen Renovation - $345,232.00 – 7-2011 – S.T.O.F – Turnkey Concepts

Immokalee Preschool and Community Center – $4,462,065.00 – S.T.O.F - Ram Design – Guage Construction Joint Venture – Entire Project

Indiantown Co-Generation Plant - $250,000.00 - Enviromental Cell Containment

Marcus Billie New Residence - $499,656.00 – 2/2011 – S.T.O.F - Balfoort Finnvoid

Lorraine Cypress - $349,193.72 – S.T.O.F – James Hollingsworth

B.E.A.C. Laundry Facility – Brighton Reservation $73,370.00-Michael S. Noell – Architect – Completed 1-2013

Frances Teele New Residence - $321,544.00 – STOF – Started 5/14/2012

Completed: 1-2013 – E & E Consulting Engineers

Big Cypress Driving Range - $589,000.00 - S.T.O.F. - Completed 7/2014 - Hollmann Architecture

Brighton Cattle & Range Building -

Brighton Charter School (Pemayetv Emahakv) Renovations - $355,566.00 - Seminole Stiles Joint Venture - Started 4/13/14 - Stiles Architecture

Brighton Townhouses - $650,000.00 - Seminole Stiles Joint Venture - Completed 6/2015- Stiles Architecture – Site Work Only

Brighton Recreation Maintenance Facility - $307,875.00 - S.T.O.F. - Completed 3/2015 - Hollmann Architecture – Entire Project

Okalee Village - $220,000.00 - Seminole Stiles Joint Venture - Started 7/21/14 - Stiles Architecture

Big Cypress Medical Center - $2,636,171,00 - Seminole Stiles Joint Venture - Started 12/2014 - Chen Moore Architecture

Osprey Road - $220,000.00 - Seminole Tribe of Florida Public Works - Started 6/2015 - Wade Trim

Brighton Charter Misc - $44,600.00 - Seminole Tribe of Florida - Completed 9/2015

Brighton Casino - $9,000.00 - Brighton Casino - Completed 9/2015

Brighton Dental Clinic - Seminole Tribe of Florida - 10/2015

Okalee Village - $110,000.00 - Seminole Tribe of Florida - 5/2016

Immokalee Culture Camp - $51,300.00 - Seminole Tribe of Florida - 10/2016

Seminole Tribe of Florida – Brighton Cattle & Range Culvert Replacement - $42,597.20 – Started 8/2/16, Completed 10/24/16

City of Okeechobee – Sidewalk Rehabilitation Project PW 03-00-05-16 - $88,482.20 – Culpepper & Terpening, Inc. – Florida Surety Bonds – Started 7/11/16, Completed 1/6/17

BC Record Storage (Archives Building) - $243,273 - Seminole Tribe of Florida - 3/30/2017

Seminole Tribe of Florida - Stockade Road Crossing - $55,346.75 – Started 12/6/16, Completed 3/10/2017

Okeechobee Utility Authority - $768,484.74 - Pine Ridge Park Waste Water Systems Improvement - Holtz Consulting – Florida Surety Bonds - Started 02/15/2017

City of Okeechobee Sidewalk Rehabilitation PW 02-00-03-17 – $82,825.00 – Florida Surety Bonds - Started 6/1/17 – Completed 8/1/17

City of Okeechobee – Centennial Park Storm Water Improvements - $547,318.25 – Culpepper & Terpening, Inc. – Florida Surety Bonds - Started 6/1/17 –

Okeechobee County – River Lake Estates Drainage Improvements - $2,011,782.85 – Kimley-Horn & Associates, Inc. – Florida Surety Bonds - Started 7/31/17 – 9/12/2018

Okeechobee County – Okeechobee County Public Safety Complex Parking Lot Expansion - $110,132.86 – Kimley-Horn & Associates, Inc. – Florida Surety Bonds – Started 10/2/17 – Completed 12/1/2017

Knotts Landing Neighborhood Utility Improvements – Seminole Tribe of Florida – $2,121,577.64 – Chen-Moore & Associates, Inc. – Florida Surety Bonds – Completed 8/2019

Towns of Okeechobee, Phase II – REVA Development Inc. - $3,302,106.00 – Forum Architecture & Interior Design, Inc. – Florida Surety Bonds – Started July 2019

Knotts Landing Rental Homes 1-4 – Seminole Tribe of Florida - $1,255,795.00 – Mark Sever Architectures – Florida Surety Bonds – Started 9/2019

City of Okeechobee - Centennial Park Restroom & Pavilions - $138,243.22 – Florida Surety Bonds – Started July 2020

Okeechobee County / FDOT – Cemetery Road Improvements – 2,139,639.37 - Kimbley-Horn & Associates, Inc. - Florida Surety Bonds - Started September 2020

Jody Choate

Project On-Site Superintendent

For over 23 years, Mr. Choate has been a key component to B&B. He has worked on all aspects of B&B's construction history, including Mechanic, Infield Operator, Manager, Foreman, and Superintendent for a variety of projects.

SELECT WORK EXPERIENCE

Seminole Design Build: Dates 9-21-2020 Ongoing: Cemetery Road, For the County of Okeechobee. Value $1,073,063.00

Clearing, Type B Stabilization, Base rock installation, Asphalt milling and resurfacing, Storm drainage Piping RCP 15" up to 48" with MES Type E, H, &J Inlets with Endwalls guardrail sod and striping.

AT A GLANCE

Contact
bbsitedevelopmentinc@gmail.com | 863.763.6053

Years' Experience
23 years

Education and Training
- Graduate of Okeechobee High School
- Certified Diesel Mechanic

OUA (Okeechobee Utility Authority): Dates 11-6-12 Thru 11-29-12 Job: Pine Ridge Pk Wastewater Pond. Value $47,000.00

Pump out clean out and haul away sediment.

Okeechobee First Baptist Church Dates 7-20-11 Thru 3-13-12 Job: South Parking ,Value $205,000.00

Clearing, silt fence, Import Fill, Onsite fill, Subbase, Base, Asphalt, Site Final grading, grass parking, Drainage, Waterline installation, conduit, perimeter berms, driveway connection, construction layout, Asbuilts,& testing.

Okeechobee First Baptist Church Dates 9-23-10 Thru 8-23-11 Value $361,900.00

NE Parking, Description: Clearing, silt fence, Import Fill, Onsite fill, Subbase, Base, Asphalt, Site Final grading, grass parking, Drainage, Waterline installation, conduit, perimeter berms, driveway connection, construction layout, Asbuilts,& testing.

Okeechobee Battlefield Historic State Park. The Watauga Company: Dates 1-5-15 Thru March 16, 2015 Value $65,060.00

Site work installation of silt fence. Clear and grub remove muck and replace with clean fill, construct parking lot , subbase, base, and asphalt, construct chickee pads, install culverts and miters, final grade and install septic system.

QDI Construction: Dates 1-4-2021 thru 3-15-2021: Value 374,635.00

Sitework New Burger King- Erosion control Demo existing Building, Clearing, Storm drainage, site utilities, subbase base asphalt curbing sidewalk.

Pouncey Ranches LLC: Dates 12-28-2020 Ongoing-Job: Value $743,492.00

Excavation and place approx. 30,000 yds of fill, Install all electrical, Clearing, install roadway with millings, install pad, septic system, and well.

G.M. Worley, Inc. Dates11-16-2019 Dressage 3 jobs: Value $293,175.00

Excavation and place approx. 72,0000 yards of fill

Mason Construction: Dates 12-24-2019 Thru 8-25-2020 – Site work for New WAWA- Value 596,611.00

Clearing erosion control excavation and place of 25,000 yds fill, Drainage onsite and off subbase base and Asphalt

Knotts Landing Neighborhood Utility Improvement. Seminole Design Build: Dates 10-08-2018 completed 8-20-2019. Value $1,727,285.02

Installation of Storm Drain(RCP) Silt fence, Clear and Grub Lake excavation and shoring, berm removal, Water and sewer lines, house pad construction, Directional drill mill and asphalt.

Okee Commerce Park. KD Construction: Dates 9-18-18 Thru 11-26-2018 Value 99,575.00

Tree removal subgrade lot fill leveling construct swales and berms

Sebring Airport Terry Elders

Hurricane clean up, pipe joint repair, sink hole repair, Ditch cleaning, Pond slope Improvements

River Lake Estates. Seminole Design Build: Dates 8-4-2017 Thru 9-01-2018 Value $1,347,096.61

Installation of RCP, Inlet boxes, Drain Basins, Water Control Structures, Type B Stabilization, Milling and asphalt

Centennial Park Water Improvement.s Seminole Design Build: Dates 7-15-2017 Thru 2-03-2018 Value $264,721.89

Installation Silt fence, floating Turbidity, excavation and embankment clearing & grubbing subsoil excavation subbase, base, and asphalt, installation of RCP round and Elliptical. Riprap bank and shore water and sewer.

Pine Ridge Park Waste Water System Improvements. Seminole Design Build: Dates 2-27-2017 Thru 1-30-2018 Value $702,588.00

Installation of Liftstation, Forcemain, Gravity sewer, manholes, shell driveway replacement miscellaneous restoration, and asphalt replacement.

Osprey Road. Seminole Design Build: Dates 6-22-15 Value $170,000.00

MOT, Clear and grub, excavation , stabilization, installation of subbase, base, and asphalt, and culvert pipe installation

Ari-Acres. Seminole Design Build: Dates 4-25-15 Ongoing Value $49,000.00

Clearing Construct house pads, driveways and septic systems.

Abney Build, Inc.: Dates 7-24-14 Thru 12-17-14 Value $60,160.00

Walpole Feed Office/retail Exp. Description Site work including retention area clearing, construct building pad, drainage pipes With inlets and down spouts, concrete work, culvert work and installation of septic system.

Okalee Villiage Hollywood. Seminole Design Build Inc.: Dates 7-21-14 Ongoing Value $190,000.00

Earthwork which includes, Clearing demucking, fill import, building pad, Parking, Drainage, Sewer, Water and Road construction.

Brighton Maintenance. Seminole Design Build Inc.: Dates 6-03-14 Thru 11-01-14 Value $70,000.00

Earthwork which includes Clearing, Building Fill, Site Fill, Final grading, Storm, Water, Sewer and Road construction.

Brighton Townhomes. Seminole Design Build Inc.: Dates 5-12-14 Thru March 23, 2015 Value $670,400.00

Earthwork which includes Clearing and grubbing, site excavation, fill import, and final grading, Storm Drainage, Water, Sewer, and Road Construction

Lynch Paving and Construction: Dates 7-16-2013 Thru 2-5-14 Job: Silver Palms R.V. Resort Value $1,763,834.91

Earthwork which include clearing and grubbing, dewatering excavation of lakes, fill placement, lake sloping and final grade. Storm drainage, Water, Sewer and Road construction which included Subbase and Base.

Harbor Community Bank. G.M. Worley Inc. Dates 9-21-12 Thru 3-19-13 Value $117,962.00

Silt Fence, clearing, Demolition, building pad, construction entrance, sewer, water, Subbase, Base, Asphalt, Final Grade construction lay out and Asbuilts.

United Feed. G.M. Worley Inc. Dates 5-24-12 Thru 8-8-12 Value $55,560.00

Dewatering, excavating and backfilling pit area under rail

North Lake Village Drainage improvements. Southern Management Dates 6-27-12 Thru 12-14-12 , Value $157,000.00

Silt fence, MOT, Installation of pump and 10" PVC pipe, Clearing, excavate pond and construct banks, dewatering, Asbuilts and construction layout.

GENEL J. STURGEON, PSM

Survey Project Manager

EXPERIENCE

Barnes, Ferland and Associates, Inc.	2018 – Present
Henrich, Luke, Swaggerty & Menard (HLSM)	2017 – 2018
Leading Edge Land Services	2016 – 2017
American Surveying & Mapping, Inc.	2008 - 2016
Prior Firms	1985 - 2008

EDUCATION

Numerous Continuing Education Seminars
Certified Survey Technician Instructor

PROFESSIONAL AFFILIATIONS

Florida Surveying & Mapping Society
Central Florida Chapter, FSMS
American Congress Surveying & Mapping, ACSM

Mr. Sturgeon will serve as the Survey Project Manager responsible for all work on this contract and will be the point of contact regarding all task assignments and work orders. Mr. Sturgeon has 35 years of surveying and mapping experience specializing in ALTA/ACSM surveys, boundary, topographic with contours and volumes, as-built, construction, design surveys, route surveys, GIS, control surveys vertical and horizontal, sections and township surveys and platting, as well as Subsurface Utility Engineering. 25 years of AutoCAD / Carson Software experience.

PROFESSIONAL REGISTRATION

Florida Professional Surveyor & Mapper No. 5866

REPRESENTATIVE EXPERIENCE

City of Orlando Continuing Surveying Services - Orlando, FL - As a subconsultant on the 4 continuing Survey and Mappings contracts, BFA provides subsurface utility engineering exploration (SUE) to mark utilities for inclusion as part of Topographic Surveys at numerous sites within the city. Excavation underground utilities for positive identification and precise location for design purposes.

City of Ocoee Continuing Survey and Mapping Services – Ocoee, FL – City Surveyor, City of Ocoee - Tasks assigned under this contract have included several proposed plats for conformance to applicable portions of Chapter 177, Florida Statutes. Initial and subsequent reviews include comments for corrections. Field reviews are performed prior to signature and seal as reviewing surveyor representing the city. Field surveys have been performed for the preparation of a legal description and sketch for the acquisition of right-of-way required for a school entrance. Several legal descriptions have been prepared for property annexation into city.

City of Orlando LS 139 Force Main Replacement – Orlando, FL - Boundary and topographic survey prepared to aid in the design of a force main replacement project along an Orlando Utilities Commission easement. Utility designation, utility excavations and Title Work.

Orange County Rehabilitation of Pump Stations - Package 22 Improvements (5 Pump Stations), Package 32 Improvements (4 Pump Stations), Package 34 Improvements (4 Pump Stations) – Orlando, FL - Topographic Survey, Utility Designation, Utility Excavation, Boundary Survey, Title Work for Wastewater Treatment Facilities, Structures, Equipment Wells, Piping.

Orange County Package 38 (3 Pump Stations), Package 39 (2 Pump Stations) – Orlando, FL -Topographic Survey performed for the entire project limits and includes the location of all above ground features within the right of ways of the roads including pavements, concrete, trees, landscaping, signs, sanitary and storm manholes with invert elevations and pipe sizes, utility poles, valves and other indicators of underground utilities. Utility designation, SUE services.

Orange County Utilities John Young Parkway – Orange County, FL - Designated and marked all utilities within the right-of-way of John Young Parkway for over 4 miles. Responsible for reading and interpreting as-builts and plans provided by the utility companies. Excavated 40 utilities for positive location and identification.

Appendix C – Evidence of Insurance

CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY) 04/02/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Aon Risk Insurance Services West, Inc.
Denver CO Office
1900 16th Street, Suite 1000
Denver CO 80202 USA

CONTACT NAME:
PHONE (A/C. No. Ext): (303) 758-7688 **FAX (A/C. No.):** (303) 758-9458
E-MAIL ADDRESS:

INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A:	Scottsdale Ins Company	41297
INSURER B:	Colony Insurance Company	39993
INSURER C:	Zurich American Ins Co	16535
INSURER D:		
INSURER E:		
INSURER F:		

INSURED
HGS, LLC dba Angler Environmental
5367 Telephone Road
Warrenton VA 20187 USA

COVERAGES **CERTIFICATE NUMBER:** 570086853154 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

Limits shown are as requested

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X **COMMERCIAL GENERAL LIABILITY** CLAIMS-MADE / X OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: POLICY / X PRO-JECT / LOC OTHER:			VRS0004958	12/31/2020	10/01/2021	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG Deductible	$1,000,000 $350,000 $10,000 $1,000,000 $2,000,000 $2,000,000 $25,000
C	**AUTOMOBILE LIABILITY** X ANY AUTO OWNED AUTOS ONLY / SCHEDULED AUTOS HIRED AUTOS ONLY / NON-OWNED AUTOS ONLY			BAP 8633906-00	02/01/2021	10/01/2021	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$1,000,000
A	**UMBRELLA LIAB** / OCCUR X **EXCESS LIAB** / CLAIMS-MADE DED / RETENTION			VES0003252 Occurrence Basis	12/31/2020	10/01/2021	EACH OCCURRENCE AGGREGATE	 $10,000,000
C	**WORKERS COMPENSATION AND EMPLOYERS' LIABILITY** ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? Y/N: N **(Mandatory in NH)** If yes, describe under DESCRIPTION OF OPERATIONS below	N / A		WC863390700	02/01/2021	10/01/2021	X PER STATUTE / OTH- E.L. EACH ACCIDENT E.L. DISEASE-EA EMPLOYEE E.L. DISEASE-POLICY LIMIT	 $1,000,000 $1,000,000 $1,000,000
A	Env Contr Prof			VRS0004958 Prof/Poll - Claims Made	12/31/2020	10/01/2021	Ea Claim / Cvg Aggregate Deductible	$1,000,000 $2,000,000 $25,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Evidence of Insurance.

CERTIFICATE HOLDER

HGS, LLC dba Angler Environmental
5367 Telephone Road
Warrenton VA 20187 USA

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Aon Risk Insurance Services West, Inc.

Holder Identifier :

Certificate No : 570086853154

AGENCY CUSTOMER ID: 570000075824

LOC #:

ADDITIONAL REMARKS SCHEDULE

AGENCY	NAMED INSURED
Aon Risk Insurance Services West, Inc.	HGS, LLC dba Angler Environmental
POLICY NUMBER: See Certificate Number: 570086853154	
CARRIER: See Certificate Number: 570086853154 / NAIC CODE:	EFFECTIVE DATE:

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,

FORM NUMBER: ACORD 25 **FORM TITLE:** Certificate of Liability Insurance

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER	
INSURER	
INSURER	
INSURER	

ADDITIONAL POLICIES If a policy below does not include limit information, refer to the corresponding policy on the ACORD certificate form for policy limits.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)	LIMITS	
	EXCESS LIABILITY							
B				EXO4223659 1st XS 15x10 Colony	12/31/2020	10/01/2021	Aggregate	$15,000,000
							Each Occurrence	$15,000,000

AGENCY CUSTOMER ID: 570000075824

LOC #:

ADDITIONAL REMARKS SCHEDULE

AGENCY	NAMED INSURED
Aon Risk Insurance Services West, Inc.	HGS, LLC dba Angler Environmental
POLICY NUMBER: See Certificate Number: 570086853154	
CARRIER: See Certificate Number: 570086853154 / NAIC CODE	EFFECTIVE DATE:

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,

FORM NUMBER: ACORD 25 **FORM TITLE:** Certificate of Liability Insurance

Named Insured Schedule

Bayou Paul Mitigation Area, LLC
Carolina Heelsplitter Conversation, LLC
CBAY-VA, LLC
Coastal Louisiana Resource, LLC
EBX-EM,LLC
EBX-GCW, LLC
EBX-Neuse I, LLC
EBX Mountain Run, LLC
EBX-Waccamaw, LLC
EBX Resource Banking, LLC
Ecological Restoration Services, LLC
Eighth Louisiana Resource, LLC
Environmental Banc Exchange, LLC (EBX)
Fifth Louisiana Resource, LLC
First California Resource, LLC
First Indiana Resource, LLC
First Louisiana Resource, LLC
RES Texas Mitigation, LLC
First Texas Resource, LLC
First Pennsylvania Resource, LLC
First West Virginia Resource, LLC
Fourth Louisiana Resource, LLC
HGS LLC dba Angler Environmental
Resource Project Specific Mitigation, LLC
RLF Angleton Properties, LLC
Second Louisiana Resource, LLC
Seventh Louisiana Resource, LLC
Sixth Louisiana Resource, LLC
Third Louisiana Resource, LLC
Third Texas Resource, LLC
Wingnut Interests, LLC
RES-Pac, Inc.
Louisiana Pecans, LLC
RES-Holding Company
Potamoi Holdings, LLC
RES Mitigation, LLC
GDS, LLC
Earthmark WV Mitigations, LLC
Chesapeake Wetland Mitigation Bank
Colonel Land, LLC
Bunker Root Bear Stand, LLC
Center for Restoration
Greenbanx, LLC
Red Brick Arrow, LLC
CAT Island Conservancy, LLC
RES Carolinas, LLC DBA Carolina Environmental Contracting
RES Kentucky, LLC DBA Redwing Ecological Services
Headwater Management, LLC
RES Great Lakes, LLC
RES Florida, LLC

Appendix D – Required Licenses

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

REGISTERED VENDOR NO.: 101509

January 14, 2019

Mr. Patrick A. Barnes, President/CEO
Barnes, Ferland and Associates, Inc.
1230 Hillcrest Street, Suite 100
Orlando, FL 32803

CERTIFICATION EXPIRATION DATE
January 14, 2022

Dear Mr. Barnes:

Congratulations, the South Florida Water Management District (District) has recertified your firm as a Small Business Enterprise (SBE). This certification is valid for three (3) years and may **only** be applied when business is conducted in the following area(s):

Professional Engineering, Surveying & Mapping and Geological Consulting Services

Your submittal of bids or proposals to supply other products or services outside of the specialty area(s) noted above will not count toward SBE participation. If you require certification in other specialty areas, please contact the Procurement Bureau, SBE Section, for additional information.

Renewal is required every three (3) years and should be requested a minimum of 45 days prior to the above expiration date.

If any changes occur within your company during the certification period such as ownership, affiliate company status, address, telephone number, licensing status, gross revenue, or any information that relates to your SBE Certification status, you must notify this office in writing immediately. It is imperative that we maintain current information on your company at all times. *FAILURE TO REPORT CHANGES MAY RESULT IN DECERTIFICATION.*

Certification is not a guarantee that your firm will receive work, nor an assurance that your firm will remain in the District's vendor database.

We look forward to a mutually beneficial working relationship.

Sincerely,

Joni Lynn Fox
Sr. Contract Compliance Specialist
Procurement Bureau

JLF/se

5:24:53 PM 3/9/2021

Data Contained In Search Results Is Current As Of 03/09/2021 03:36 PM.

Search Results

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

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

License Type	Name	Name Type	License Number/ Rank	Status/Expires
Asbestos Consultant	ENVIRONMENTAL CONSULTING & TECHNOLOGY, INC.	DBA	AX89 Consultant - AX	Current, Active 11/30/2022
	License Location Address*: 4902 113TH AVENUE NORTH CLEARWATER, FL 33760 **Main Address*:** 8300 55TH STREET NORTH PINELLAS PARK, FL 33781			
Professional Geologist	ENVIRONMENTAL CONSULTING & TECHNOLOGY, INC.	DBA	PG1217 PG	Current, Active 07/31/2022
	Main Address*: 8221 WEST DRIVE WESLEY CHAPEL, FL 33544			
Asbestos Business	ENVIRONMENTAL CONSULTING & TECHNOLOGY, INC.	Primary	ZA0000131 Asbsts Business	Delinquent, Active 11/30/2019
	Main Address*: 3701 NW 98TH STREET GAINESVILLE, FL 32606-5004			
Registry	ENVIRONMENTAL CONSULTING & TECHNOLOGY, INC.	Primary	5520 Registry	Current
	Main Address*: 3701 NW 98TH STREET GAINESVILLE, FL 32606			
Geology Business Information	ENVIRONMENTAL CONSULTING & TECHNOLOGY, INC.	Primary	Business Info	Current, Active
	Main Address*: 3701 NW 98TH ST GAINESVILLE, FL 32606			

Back New Search

*** denotes**
Main Address - This address is the Primary Address on file.
Mailing Address - This is the address where the mail associated with a particular license will be sent (if different from the Main or License Location addresses).
License Location Address - This is the address where the place of business is physically located.

2601 Blair Stone Road, Tallahassee FL 32399 :: Email: Customer Contact Center :: Customer Contact Center: 850.487.1395

Ron DeSantis, Governor

Halsey Beshears, Secretary

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD

THE GENERAL CONTRACTOR HEREIN IS CERTIFIED UNDER THE
PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

NUNEZ, DAVID JR

SEMINOLE DESIGN-BUILD, INC.
401 SW 2ND STREET
OKEECHOBEE FL 34974

LICENSE NUMBER: CGC1524499

EXPIRATION DATE: AUGUST 31, 2022

Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.

State of Florida

Minority Business Certification

Seminole Design-Build, Inc.

Is certified under the provisions of
287 and 295.187, Florida Statutes, for a period from:

02/11/2020 02/11/2022

Jonathan R. Satter, Secretary
Florida Department of Management Services

Department of
MANAGEMENT
SERVICES
Office of Supplier Diversity

Office of Supplier Diversity
4050 Esplanade Way, Suite 380
Tallahassee, FL 32399
850-487-0915
www.dms.myflorida.com/osd

SDB INC.

Seminole Design-Build, Inc.
401 SW 2nd STREET, OKEECHOBEE, FLORIDA 34974
863-467-1115 OFFICE

Job Experience

Big Cypress New Testament Fellowship Hall – $2.5 mil. - 5/09 - S.T.O.F

Big Cypress Veterans Memorial - $584,000.00 – 7//09 – S.T.O.F

Immokalee Wet Detention Pond - $320,445.00 – 10/09 – S.T.O.F

Ft. Pierce Reservation Security Gate - $130,631.00 – 10/09 – S.T.O.F

Immokalee Baptist Church - $4,462,065.00 – S.T.O.F – Ram Design – General Contractor on project.

Ahfachkee School - $240,609.00 – 10/09 – S.T.O.F – Miller Legg

Waste Management Wetland Mitigation - $600,000.00 - 2010 - Waste Management of Florida

Waste Management MSW Cell Containment - $1,200,000.00 - 2009 - Waste Management of Florida

Immokalee Casino Kitchen Renovation - $345,232.00 – 7-2011 – S.T.O.F – Turnkey Concepts

Immokalee Preschool and Community Center – $4,462,065.00 – S.T.O.F - Ram Design – Guage Construction Joint Venture – Entire Project

Indiantown Co-Generation Plant - $250,000.00 - Enviromental Cell Containment

Marcus Billie New Residence - $499,656.00 – 2/2011 – S.T.O.F - Balfoort Finnvoid

Lorraine Cypress - $349,193.72 – S.T.O.F – James Hollingsworth

B.E.A.C. Laundry Facility – Brighton Reservation $73,370.00-Michael S. Noell – Architect – Completed 1-2013

Frances Teele New Residence - $321,544.00 – STOF – Started 5/14/2012
Completed: 1-2013 – E & E Consulting Engineers

Big Cypress Driving Range - $589,000.00 - S.T.O.F. - Completed 7/2014 - Hollmann Architecture

Brighton Cattle & Range Building -

Brighton Charter School (Pemayetv Emahakv) Renovations - $355,566.00 - Seminole Stiles Joint Venture - Started 4/13/14 - Stiles Architecture

Brighton Townhouses - $650,000.00 - Seminole Stiles Joint Venture - Completed 6/2015- Stiles Architecture – Site Work Only

Brighton Recreation Maintenance Facility - $307,875.00 - S.T.O.F. - Completed 3/2015 - Hollmann Architecture – Entire Project

Okalee Village - $220,000.00 - Seminole Stiles Joint Venture - Started 7/21/14 - Stiles Architecture

Big Cypress Medical Center - $2,636,171,00 - Seminole Stiles Joint Venture - Started 12/2014 - Chen Moore Architecture

Osprey Road - $220,000.00 - Seminole Tribe of Florida Public Works - Started 6/2015 - Wade Trim

Brighton Charter Misc - $44,600.00 - Seminole Tribe of Florida - Completed 9/2015

Brighton Casino - $9,000.00 - Brighton Casino - Completed 9/2015

Brighton Dental Clinic - Seminole Tribe of Florida - 10/2015

Okalee Village - $110,000.00 - Seminole Tribe of Florida - 5/2016

Immokalee Culture Camp - $51,300.00 - Seminole Tribe of Florida - 10/2016

Seminole Tribe of Florida – Brighton Cattle & Range Culvert Replacement - $42,597.20 – Started 8/2/16, Completed 10/24/16

City of Okeechobee – Sidewalk Rehabilitation Project PW 03-00-05-16 - $88,482.20 – Culpepper & Terpening, Inc. – Florida Surety Bonds – Started 7/11/16, Completed 1/6/17

BC Record Storage (Archives Building) - $243,273 - Seminole Tribe of Florida - 3/30/2017

Seminole Tribe of Florida - Stockade Road Crossing - $55,346.75 – Started 12/6/16, Completed 3/10/2017

Okeechobee Utility Authority - $768,484.74 - Pine Ridge Park Waste Water Systems Improvement - Holtz Consulting – Florida Surety Bonds - Started 02/15/2017

City of Okeechobee Sidewalk Rehabilitation PW 02-00-03-17 – $82,825.00 – Florida Surety Bonds - Started 6/1/17 – Completed 8/1/17

City of Okeechobee – Centennial Park Storm Water Improvements - $547,318.25 – Culpepper & Terpening, Inc. – Florida Surety Bonds - Started 6/1/17 –

Okeechobee County – River Lake Estates Drainage Improvements - $2,011,782.85 – Kimley-Horn & Associates, Inc. – Florida Surety Bonds - Started 7/31/17 – 9/12/2018

Okeechobee County – Okeechobee County Public Safety Complex Parking Lot Expansion - $110,132.86 – Kimley-Horn & Associates, Inc. – Florida Surety Bonds – Started 10/2/17 – Completed 12/1/2017

Knotts Landing Neighborhood Utility Improvements – Seminole Tribe of Florida – $2,121,577.64 – Chen-Moore & Associates, Inc. – Florida Surety Bonds – Completed 8/2019

Towns of Okeechobee, Phase II – REVA Development Inc. - $3,302,106.00 – Forum Architecture & Interior Design, Inc. – Florida Surety Bonds – Started July 2019

Knotts Landing Rental Homes 1-4 – Seminole Tribe of Florida - $1,255,795.00 – Mark Sever Architectures – Florida Surety Bonds – Started 9/2019

City of Okeechobee - Centennial Park Restroom & Pavilions - $138,243.22 – Florida Surety Bonds – Started July 2020

Okeechobee County / FDOT – Cemetery Road Improvements – 2,139,639.37 - Kimbley-Horn & Associates, Inc. - Florida Surety Bonds - Started September 2020

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

REGISTERED VENDOR NO.: 104253

October 26, 2018

Mr. Christopher Keller, President
Wetland Solutions, Inc.
5302 NW 156th Avenue
Gainesville, FL 32653

CERTIFICATION EXPIRATION DATE
October 26, 2021

Dear Mr. Keller:

Congratulations, the South Florida Water Management District (District) has recertified your firm as a Small Business Enterprise (SBE). This certification is valid for three (3) years and may **only** be applied when business is conducted in the following area(s):

Professional Engineering Services

Your submittal of bids or proposals to supply other products or services outside of the specialty area(s) noted above will not count toward SBE participation. If you require certification in other specialty areas, please contact the Procurement Bureau, SBE Section, for additional information.

Renewal is required every three (3) years and should be requested a minimum of 45 days prior to the above expiration date.

If any changes occur within your company during the certification period such as ownership, affiliate company status, address, telephone number, licensing status, gross revenue, or any information that relates to your SBE Certification status, you must notify this office in writing immediately. It is imperative that we maintain current information on your company at all times. *FAILURE TO REPORT CHANGES MAY RESULT IN DECERTIFICATION.*

Certification is not a guarantee that your firm will receive work, nor an assurance that your firm will remain in the District's vendor database.

We look forward to a mutually beneficial working relationship.

Sincerely,

Joni Lynn Fox

Joni Lynn Fox
Sr. Contract Compliance Specialist
Procurement Bureau

JF/da

Appendix E – Surety Letter

Zurich North America Surety

ZURICH

5445 DTC Parkway, Suite 100
Greenwood Village, CO 80111

Phone (303) 224-4044
e-Mail Melissa.solberg@zurichna.com

April 8, 2021

South Florida Water Management District
Attn: Procurement Bureau
B-1 Building, 2nd Floor West
3301 Gun Club Road
West Palm Beach, FL 33406

Re: Design/Build of a Lower Kissimmee Basin Stormwater Treatment Project
Surety Prequalification

To whom it may concern,

Zurich American Insurance Company and/or its subsidiary, Fidelity and Deposit Company of Maryland, as part of a non-binding syndication of sureties which includes Federal Insurance Company (Chubb), Argonaut Insurance Company (Argo), and United States Fire Insurance Company (Amynta) have considered surety credit to **HGS, LLC dba Angler Environmental** for single projects up to $300,000,000 and in aggregate of uncompleted backlog of $575,000,000. Zurich/F&D is rated "**A+**" (Excellent) with a financial size category of **XV** ($2 billion +) by AM Best and has a US Treasury Limit exceeding $600 million. Over $300,000,000 of surety capacity collectively is currently available under the overall syndication of sureties.

If **HGS, LLC dba Angler Environmental** is awarded a contract for the referenced project and requests that we provide the necessary Performance and/or Payment Bonds, we will consider collectively executing the bonds subject to the acceptable review by the group of the contract terms and conditions, bond forms, appropriate contract funding and any other underwriting considerations available at the time of the request.

Our consideration and issuance of bonds is a matter solely between **HGS, LLC dba Angler Environmental** and the syndication of sureties comprised above, and we assume no liability to third parties or to you by the issuance of this letter if final bonds are not provided.

We trust that this information meets with your satisfaction. If there are further questions, please feel free to contact me.

Sincerely,

Vanessa Dominguez, Attorney-in-Fact
Zurich American Insurance Company
Fidelity and Deposit Company of Maryland

ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND
POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Illinois, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Illinois (herein collectively called the "Companies"), by **Robert D. Murray**, Vice President, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint, Melissa L. FORTIER, Donna L. WILLIAMS, Vanessa DOMINGUEZ, Michael J. HERROD, Lupe TYLER, Lisa A. WARD, Terri L. MORRISON, Misty WRIGHT, Erin M. DENNISON, Andrea M. PENALOZA, Gina A. RODRIGUEZ, Amanda GEORGE, of Houston, Texas, Each, its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: any and all bonds and undertakings, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York., the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland., and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland., in their own proper persons. The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said **ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND**, this 22nd day of September, A.D. 2020.

ATTEST:
ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND

By: Robert D. Murray
Vice President

By: Dawn E. Brown
Secretary

State of Maryland
County of Baltimore

On this 22nd day of September, A.D. 2020, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **Robert D. Murray, Vice President and Dawn E. Brown, Secretary** of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, deposeth and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.

Constance A. Dunn, Notary Public
My Commission Expires: July 9, 2023

EXTRACT FROM BY-LAWS OF THE COMPANIES

"Article V, Section 8, Attorneys-in-Fact. The Chief Executive Officer, the President, or any Executive Vice President or Vice President may, by written instrument under the attested corporate seal, appoint attorneys-in-fact with authority to execute bonds, policies, recognizances, stipulations, undertakings, or other like instruments on behalf of the Company, and may authorize any officer or any such attorney-in-fact to affix the corporate seal thereto; and may with or without cause modify of revoke any such appointment or authority at any time."

CERTIFICATE

I, the undersigned, Vice President of the ZURICH AMERICAN INSURANCE COMPANY, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the foregoing Power of Attorney is still in full force and effect on the date of this certificate; and I do further certify that Article V, Section 8, of the By-Laws of the Companies is still in force.

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the ZURICH AMERICAN INSURANCE COMPANY at a meeting duly called and held on the 15th day of December 1998.

RESOLVED: "That the signature of the President or a Vice President and the attesting signature of a Secretary or an Assistant Secretary and the Seal of the Company may be affixed by facsimile on any Power of Attorney...Any such Power or any certificate thereof bearing such facsimile signature and seal shall be valid and binding on the Company."

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at a meeting duly called and held on the 5th day of May, 1994, and the following resolution of the Board of Directors of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at a meeting duly called and held on the 10th day of May, 1990.

RESOLVED: "That the facsimile or mechanically reproduced seal of the company and facsimile or mechanically reproduced signature of any Vice-President, Secretary, or Assistant Secretary of the Company, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power of attorney issued by the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seals of the said Companies, this 8th day of April, 2021

Brian M Hodges

Brian M. Hodges, Vice President

TO REPORT A CLAIM WITH REGARD TO A SURETY BOND, PLEASE SUBMIT A COMPLETE DESCRIPTION OF THE CLAIM INCLUDING THE PRINCIPAL ON THE BOND, THE BOND NUMBER, AND YOUR CONTACT INFORMATION TO:

Zurich Surety Claims
1299 Zurich Way
Schaumburg, IL 60196-1056
www.reportsfclaims@zurichna.com
800-626-4577

Appendix F – OSHA Logs

OSHA's Form 300 (Rev. 01/2004)

Log of Work-Related Injuries and Illnesses

Attention: This form contains information relating to employee health and must be used in a manner that protects the confidentiality of employees to the extent possible while the information is being used for occupational safety and health purposes.

Year 20 1 9

U.S. Department of Labor
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

You must record information about every work-related death and about every work-related injury or illness that involves loss of consciousness, restricted work activity or job transfer, days away from work, or medical treatment beyond first aid. You must also record significant work-related injuries and illnesses that are diagnosed by a physician or licensed health care professional. You must also record work-related injuries and illnesses that meet any of the specific recording criteria listed in 29 CFR Part 1904.8 through 1904.12. Feel free to use two lines for a single case if you need to. You must complete an Injury and Illness Incident Report (OSHA Form 301) or equivalent form for each injury or illness recorded on this form. If you're not sure whether a case is recordable, call your local OSHA office for help.

Establishment name Seminole DesignBuild Inc

City Okeechobee State FL

Identify the person			Describe the case			Classify the case: CHECK ONLY ONE box for each case based on the most serious outcome for that case:				Enter the number of days the injured or ill worker was:		Check the "Injury" column or choose one type of illness: (M)					
(A) Case no.	(B) Employee's name	(C) Job title (e.g., Welder)	(D) Date of injury or onset of illness	(E) Where the event occurred (e.g., Loading dock north end)	(F) Describe injury or illness, parts of body affected, and object/substance that directly injured or made person ill (e.g., Second degree burns on right forearm from acetylene torch)	Death (G)	Days away from work (H)	Remained at Work: Job transfer or restriction (I)	Remained at Work: Other record-able cases (J)	Away from work (K)	On job transfer or restriction (L)	Injury (1)	Skin disorder (2)	Respiratory condition (3)	Poisoning (4)	Hearing loss (5)	All other illnesses (6)
	No Claims		/ month/day			☐	☐	☐	☐	0 days	0 days	☐	☐	☐	☐	☐	☐
			/ month/day			☐	☐	☐	☐	days	days	☐	☐	☐	☐	☐	☐
			/ month/day			☐	☐	☐	☐	days	days	☐	☐	☐	☐	☐	☐
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					Page totals	0	0	0	0	0	0	0	0	0	0	0	0

Be sure to transfer these totals to the Summary page (Form 300A) before you post it.

Injury (1) Skin disorder (2) Respiratory condition (3) Poisoning (4) Hearing loss (5) All other illnesses (6)

Public reporting burden for this collection of information is estimated to average 14 minutes per response, including time to review the instructions, search and gather the data needed, and complete and review the collection of information. Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number. If you have any comments about these estimates or any other aspects of this data collection, contact: US Department of Labor, OSHA Office of Statistical Analysis, Room N-3644, 200 Constitution Avenue, NW, Washington, DC 20210. Do not send the completed forms to this office.

OSHA's Form 300A (Rev. 01/2004)

Summary of Work-Related Injuries and Illnesses

Year 20 1 9

U.S. Department of Labor
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

All establishments covered by Part 1904 must complete this Summary page, even if no work-related injuries or illnesses occurred during the year. Remember to review the Log to verify that the entries are complete and accurate before completing this summary.

Using the Log, count the individual entries you made for each category. Then write the totals below, making sure you've added the entries from every page of the Log. If you had no cases, write "0."

Employees, former employees, and their representatives have the right to review the OSHA Form 300 in its entirety. They also have limited access to the OSHA Form 301 or its equivalent. See 29 CFR Part 1904.35, in OSHA's recordkeeping rule, for further details on the access provisions for these forms.

Number of Cases

Total number of deaths	Total number of cases with days away from work	Total number of cases with job transfer or restriction	Total number of other recordable cases
0	0	0	0
(G)	(H)	(I)	(J)

Number of Days

Total number of days away from work	Total number of days of job transfer or restriction
0	0
(K)	(L)

Injury and Illness Types

Total number of . . . (M)			
(1) Injuries	0	(4) Poisonings	0
		(5) Hearing loss	0
(2) Skin disorders	0	(6) All other illnesses	0
(3) Respiratory conditions	0		

Post this Summary page from February 1 to April 30 of the year following the year covered by the form.

Establishment information

Your establishment name Seminole DesignBuild Inc

Street _____

City Okeechobee State FL ZIP 34974

Industry description (*e.g., Manufacture of motor truck trailers*)

_____

Standard Industrial Classification (SIC), if known (*e.g., 3715*)

2 3 6 1 1 5

OR

North American Industrial Classification (NAICS), if known (e.g., 336212)

_ _ _ _ _ _

Employment information *(If you don't have these figures, see the Worksheet on the back of this page to estimate.)*

Annual average number of employees 9

Total hours worked by all employees last year 15,626

Sign here

Knowingly falsifying this document may result in a fine.

I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and complete.

_____ _____
Company executive Title

( ) - / /
Phone Date

ƆSHA's Form 300 (Rev. 01/2004)

Log of Work-Related Injuries and Illnesses

Attention: This form contains information relating to employee health and must be used in a manner that protects the confidentiality of employees to the extent possible while the information is being used for occupational safety and health purposes.

Year 20 2 0

U.S. Department of Labor
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

'ou must record information about every work-related death and about every work-related injury or illness that involves loss of consciousness, restricted work activity or job transfer, lays away from work, or medical treatment beyond first aid. You must also record significant work-related injuries and illnesses that are diagnosed by a physician or licensed health :are professional. You must also record work-related injuries and illnesses that meet any of the specific recording criteria listed in 29 CFR Part 1904.8 through 1904.12. Feel free to ise two lines for a single case if you need to. You must complete an Injury and Illness Incident Report (OSHA Form 301) or equivalent form for each injury or illness recorded on this orm. If you're not sure whether a case is recordable, call your local OSHA office for help.

Establishment name Seminole DesignBuild Inc

City Okeechobee State FL

Identify the person			Describe the case			Classify the case: CHECK ONLY ONE box for each case based on the most serious outcome for that case:				Enter the number of days the injured or ill worker was:		Check the "Injury" column or choose one type of illness: (M)					
(A) Case no.	(B) Employee's name	(C) Job title (e.g., Welder)	(D) Date of injury or onset of illness	(E) Where the event occurred (e.g., Loading dock north end)	(F) Describe injury or illness, parts of body affected, and object/substance that directly injured or made person ill (e.g., Second degree burns on right forearm from acetylene torch)	Death (G)	Days away from work (H)	Remained at Work: Job transfer or restriction (I)	Remained at Work: Other record-able cases (J)	Away from work (K)	On job transfer or restriction (L)	Injury (1)	Skin disorder (2)	Respiratory condition (3)	Poisoning (4)	Hearing loss (5)	All other illnesses (6)
	No Claims		/ month/day			☐	☐	☐	☐	0 days	0 days	☐	☐	☐	☐	☐	☐
			/ month/day			☐	☐	☐	☐	days	days	☐	☐	☐	☐	☐	☐
			/ month/day			☐	☐	☐	☐	days	days	☐	☐	☐	☐	☐	☐
			/ month/day			☐	☐	☐	☐	days	days	☐	☐	☐	☐	☐	☐
			/ month/day			☐	☐	☐	☐	days	days	☐	☐	☐	☐	☐	☐
			/ month/day			☐	☐	☐	☐	days	days	☐	☐	☐	☐	☐	☐
			/ month/day			☐	☐	☐	☐	days	days	☐	☐	☐	☐	☐	☐
			/ month/day			☐	☐	☐	☐	days	days	☐	☐	☐	☐	☐	☐
			/ month/day			☐	☐	☐	☐	days	days	☐	☐	☐	☐	☐	☐
			/ month/day			☐	☐	☐	☐	days	days	☐	☐	☐	☐	☐	☐
			/ month/day			☐	☐	☐	☐	days	days	☐	☐	☐	☐	☐	☐
			/ month/day			☐	☐	☐	☐	days	days	☐	☐	☐	☐	☐	☐
			/ month/day			☐	☐	☐	☐	days	days	☐	☐	☐	☐	☐	☐
					Page totals ➤	0	0	0	0	0	0	0	0	0	0	0	0
												Injury (1)	Skin disorder (2)	Respiratory condition (3)	Poisoning (4)	Hearing loss (5)	All other illnesses (6)

Be sure to transfer these totals to the Summary page (Form 300A) before you post it.

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OSHA's Form 300A (Rev. 01/2004)

Summary of Work-Related Injuries and Illnesses

Year 20 2 0

U.S. Department of Labor
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

All establishments covered by Part 1904 must complete this Summary page, even if no work-related injuries or illnesses occurred during the year. Remember to review the Log to verify that the entries are complete and accurate before completing this summary.

Using the Log, count the individual entries you made for each category. Then write the totals below, making sure you've added the entries from every page of the Log. If you had no cases, write "0."

Employees, former employees, and their representatives have the right to review the OSHA Form 300 in its entirety. They also have limited access to the OSHA Form 301 or its equivalent. See 29 CFR Part 1904.35, in OSHA's recordkeeping rule, for further details on the access provisions for these forms.

Number of Cases

Total number of deaths	Total number of cases with days away from work	Total number of cases with job transfer or restriction	Total number of other recordable cases
0	0	0	0
(G)	(H)	(I)	(J)

Number of Days

Total number of days away from work	Total number of days of job transfer or restriction
0	0
(K)	(L)

Injury and Illness Types

Total number of . . .	(M)		
(1) Injuries	0	(4) Poisonings	0
		(5) Hearing loss	0
(2) Skin disorders	0	(6) All other illnesses	0
(3) Respiratory conditions	0		

Post this Summary page from February 1 to April 30 of the year following the year covered by the form.

Establishment information

Your establishment name Seminole DesignBuild Inc

Street _____

City Okeechobee State FL ZIP 34974

Industry description (*e.g., Manufacture of motor truck trailers*)

_____

Standard Industrial Classification (SIC), if known (*e.g., 3715*)

2 3 6 1 1 5

OR

North American Industrial Classification (NAICS), if known (e.g., 336212)

_ _ _ _ _ _

Employment information *(If you don't have these figures, see the Worksheet on the back of this page to estimate.)*

Annual average number of employees 5

Total hours worked by all employees last year 10,317

Sign here

Knowingly falsifying this document may result in a fine.

I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and complete.

_____ _____
Company executive Title

( ) - / /
Phone Date

OSHA's Form 300 (Rev. 01/2004)

Log of Work-Related Injuries and Illnesses

Attention: This form contains information relating to employee health and must be used in a manner that protects the confidentiality of employees to the extent possible while the information is being used for occupational safety and health purposes.

Year 20 18

U.S. Department of Labor
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

You must record information about every work-related death and about every work-related injury or illness that involves loss of consciousness, restricted work activity or job transfer, days away from work, or medical treatment beyond first aid. You must also record significant work-related injuries and illnesses that are diagnosed by a physician or licensed health care professional. You must also record work-related injuries and illnesses that meet any of the specific recording criteria listed in 29 CFR Part 1904.8 through 1904.12. Feel free to use two lines for a single case if you need to. You must complete an Injury and Illness Incident Report (OSHA Form 301) or equivalent form for each injury or illness recorded on this form. If you're not sure whether a case is recordable, call your local OSHA office for help.

Establishment name: Seminole Design-Build, Inc.

City: Okeechobee State: FL

Identify the person

(A) Case no.

(B) Employee's name

(C) Job title (*e.g., Welder*)

Describe the case

(D) Date of injury or onset of illness

(E) Where the event occurred (*e.g., Loading dock north end*)

(F) Describe injury or illness, parts of body affected, and object/substance that directly injured or made person ill (*e.g., Second degree burns on right forearm from acetylene torch*)

Classify the case

CHECK ONLY ONE box for each case based on the most serious outcome for that case:

Death (G)	Days away from work (H)	Remained at Work: Job transfer or restriction (I)	Remained at Work: Other record-able cases (J)
❑	❑	❑	❑

Enter the number of days the injured or ill worker was:

Away from work (K)	On job transfer or restriction (L)
____ days	0 days

Check the "Injury" column or choose one type of illness:

(M) Injury (1)	Skin disorder (2)	Respiratory condition (3)	Poisoning (4)	Hearing loss (5)	All other illnesses (6)
☐	☐	☐	☐	☐	☐

	Death (G)	Days away from work (H)	Job transfer or restriction (I)	Other record-able cases (J)	Away from work (K)	On job transfer or restriction (L)	Injury (1)	Skin disorder (2)	Respiratory condition (3)	Poisoning (4)	Hearing loss (5)	All other illnesses (6)
Page totals ➤	0	0	0	0	0	0	0	0	0	0	0	0

Be sure to transfer these totals to the Summary page (Form 300A) before you post it.

OSHA's Form 300 (Rev. 01/2004)

Log of Work-Related Injuries and Illnesses

Attention: This form contains information relating to employee health and must be used in a manner that protects the confidentiality of employees to the extent possible while the information is being used for occupational safety and health purposes.

Year 20 17

U.S. Department of Labor
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

You must record information about every work-related death and about every work-related injury or illness that involves loss of consciousness, restricted work activity or job transfer, days away from work, or medical treatment beyond first aid. You must also record significant work-related injuries and illnesses that are diagnosed by a physician or licensed health care professional. You must also record work-related injuries and illnesses that meet any of the specific recording criteria listed in 29 CFR Part 1904.8 through 1904.12. Feel free to use two lines for a single case if you need to. You must complete an Injury and Illness Incident Report (OSHA Form 301) or equivalent form for each injury or illness recorded on this form. If you're not sure whether a case is recordable, call your local OSHA office for help.

Establishment name: Seminole Design-Build, Inc.

City: Okeechobee State: FL

Identify the person

(A) Case no.

(B) Employee's name

(C) Job title (*e.g., Welder*)

Describe the case

(D) Date of injury or onset of illness

(E) Where the event occurred (*e.g., Loading dock north end*)

(F) Describe injury or illness, parts of body affected, and object/substance that directly injured or made person ill (*e.g., Second degree burns on right forearm from acetylene torch*)

Classify the case

CHECK ONLY ONE box for each case based on the most serious outcome for that case:

Death (G)	Days away from work (H)	Remained at Work: Job transfer or restriction (I)	Remained at Work: Other record-able cases (J)
☐	☐	☐	☐

Enter the number of days the injured or ill worker was:

Away from work (K)	On job transfer or restriction (L)
____ days	0 days

Check the "Injury" column or choose one type of illness:

(M) Injury (1)	Skin disorder (2)	Respiratory condition (3)	Poisoning (4)	Hearing loss (5)	All other illnesses (6)
☐	☐	☐	☐	☐	☐

Page totals	Death (G)	Days away from work (H)	Job transfer or restriction (I)	Other record-able cases (J)	Away from work (K)	On job transfer or restriction (L)	Injury (1)	Skin disorder (2)	Respiratory condition (3)	Poisoning (4)	Hearing loss (5)	All other illnesses (6)
➤	0	0	0	0	0	0	0	0	0	0	0	0

Be sure to transfer these totals to the Summary page (Form 300A) before you post it.

OSHA's Form 300 (Rev. 01/2004)

Log of Work-Related Injuries and Illnesses

Attention: This form contains information relating to employee health and must be used in a manner that protects the confidentiality of employees to the extent possible while the information is being used for occupational safety and health purposes.

Year 20 16

U.S. Department of Labor
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

You must record information about every work-related death and about every work-related injury or illness that involves loss of consciousness, restricted work activity or job transfer, days away from work, or medical treatment beyond first aid. You must also record significant work-related injuries and illnesses that are diagnosed by a physician or licensed health care professional. You must also record work-related injuries and illnesses that meet any of the specific recording criteria listed in 29 CFR Part 1904.8 through 1904.12. Feel free to use two lines for a single case if you need to. You must complete an Injury and Illness Incident Report (OSHA Form 301) or equivalent form for each injury or illness recorded on this form. If you're not sure whether a case is recordable, call your local OSHA office for help.

Establishment name Seminole Design-Build, Inc.

City Okeechobee State FL

Identify the person			Describe the case			Classify the case: CHECK ONLY ONE box for each case based on the most serious outcome for that case:				Enter the number of days the injured or ill worker was:		Check the "Injury" column or choose one type of illness: (M)					
								Remained at Work									
(A) Case no.	(B) Employee's name	(C) Job title (e.g., Welder)	(D) Date of injury or onset of illness	(E) Where the event occurred (e.g., Loading dock north end)	(F) Describe injury or illness, parts of body affected, and object/substance that directly injured or made person ill (e.g., Second degree burns on right forearm from acetylene torch)	Death (G)	Days away from work (H)	Job transfer or restriction (I)	Other record-able cases (J)	Away from work (K)	On job transfer or restriction (L)	Injury (1)	Skin disorder (2)	Respiratory condition (3)	Poisoning (4)	Hearing loss (5)	All other illnesses (6)
			/ month/day							days	0 days						
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			/ month/day							days	days						
					Page totals	0	0	0	0	0	0	0	0	0	0	0	0
												Injury (1)	Skin disorder (2)	Respiratory condition (3)	Poisoning (4)	Hearing loss (5)	All other illnesses (6)

Be sure to transfer these totals to the Summary page (Form 300A) before you post it.

Mod Factors

ALLY HR LLC

Risk ID 911266393

Rating Eff Date 01/01/2019

Mod Factor **0.86**

Production Date 11/13/2018

Status Final

ARAP 1.00 **FLARAP** 1.00 **SARAP** **MAARAP**

Comments

RATING REVISED TO REFLECT APPROVED RATING VALUES

Mod Factors

ALLY HR LLC

Risk ID 911266393

Rating Eff Date 01/01/2020

Mod Factor **0.80**

Production Date 11/07/2019

Status Final

ARAP 1.00 **FLARAP** 1.00 **SARAP** **MAARAP**

Comments

RATING REVISED TO REFLECT APPROVED RATING VALUES

Mod Factors

VENSURE EMPLOYER SERVICES INC

Risk ID 913339436

Rating Eff Date 01/01/2021

Mod Factor **0.99**

Production Date 11/24/2020

Status Final

ARAP 1.00 **FLARAP** 1.00 **SARAP** **MAARAP** 1.00

Comments

DUE TO THE NON-PARTICIPATION/INSOLVENCY OF AN INSURER, THE FOLLOWING DATA IS MISSING, FL, IN, SC, TN, POLICY #: WCP500004005GIC, EFF.: 01/01/2017, RPT # 1. THE CURRENT CARRIER, WITH THE AGREEMENT OF THE INSURED, MAY OBTAIN AND SUBMIT THIS DATA TO NCCI ON A NON-AFFILIATE ERM-6 FORM WHERE APPROVED BY THE STATE. DUE TO THE NON-PARTICIPATION/INSOLVENCY OF AN INSURER, THE FOLLOWING DATA IS MISSING, GA, KY, MD, MS, NC, SC, TN, VA, WV, POLICY #: WCP500100501GIC, EFF.: 10/01/2016, RPT # 1. THE CURRENT CARRIER, WITH THE AGREEMENT OF THE INSURED, MAY OBTAIN AND SUBMIT THIS DATA TO NCCI ON A NON-AFFILIATE ERM-6 FORM WHERE APPROVED BY THE STATE. DUE TO THE NON-PARTICIPATION/INSOLVENCY OF AN INSURER, THE FOLLOWING DATA IS MISSING, AL, AR, CO, GA, IN, KY, MD, MO, MS, NE, OK, TN, TX, POLICY #: WCP500032503GIC, EFF.: 09/01/2016, RPT # 1. THE CURRENT CARRIER, WITH THE AGREEMENT OF THE INSURED, MAY OBTAIN AND SUBMIT THIS DATA TO NCCI ON A NON-AFFILIATE ERM-6 FORM WHERE APPROVED BY THE STATE. DUE TO THE NON-PARTICIPATION/INSOLVENCY OF AN INSURER, THE FOLLOWING DATA IS MISSING, AR, CO, IN, KY, MD, MS, NE, TX, POLICY #: WCP500032504GIC, EFF.: 09/01/2017, RPT # 1. THE CURRENT CARRIER, WITH THE AGREEMENT OF THE INSURED, MAY OBTAIN AND SUBMIT THIS DATA TO NCCI ON A NON-AFFILIATE ERM-6 FORM WHERE APPROVED BY THE STATE. REVISED RATING TO INCLUDE UPDATED DATA FOR: TX, POL. #: TWC3697350, EFF.: 03/01/2018 REVISED RATING TO INCLUDE UPDATED DATA FOR: MN, POL. #: WC53900088019SZ, EFF.: 03/04/2019 REVISED RATING TO INCLUDE UPDATED DATA FOR: FL, GA, IL, IN, MA, MO, POL. #: WC60000036019SZ, EFF.: 03/04/2019

This rating is contingent for the following unit statistical data

State	Policy Effective Date	Report Level	Firm	Policy Number
GA KY MO OK TN	04/01/2019	1	BD	TWC3778530
NC	04/01/2019	1		AMW0120035002
AL AZ DC FL GA IL IA KY LA MA MS MT NH NY NC SC SD TN TX UT VA WV HI	04/01/2019	1	BY	AMW0120019003
OR	04/01/2019	1		AMW0140034002
AL AZ AR FL ID KY MT NV NH NY NC OR SC TN TX UT VA WV HI	04/01/2019	1	AA	AMW0130001003
NV	04/01/2019	1	AA	AMW0100341002
AL AR CO CT DC GA ID IL IN IA KS KY ME MD MS MO NE NM RI TN TX VT VA WV HI	04/01/2019	1	AA	AMW0110001003
TN	03/01/2019	1	M	TWC3779404
WV	01/01/2019	1	DG	WC54500001019SZ
CO IL MD TX	04/01/2018	2	AA	AMW0110001002
GA KS	04/01/2017	3	AA	AMW0110001001
NC	04/01/2017	1	BY	AMW0120019001