

RFQ NO. 20-002

Environmental Engineering Services for the City of Key West

Submitted: January 8, 2020



STATEMENT OF QUALIFICATIONS

Submitted to:

City Clerk

City of Key West, Florida

1300 White Street, Key West, Florida 33040

Submitted by:

Coastal Technology Corporation

Charles "Tem" Fontaine III, PE

3625 20th Street, Vero Beach, Florida 32960

P. (772) 562-8580

January 8, 2020

Cheri Smith, City Clerk
City of Key West
1300 White Street
Key West, Florida 33040

Re: RFQ No. 20002: Environmental Engineering Services

Dear Ms. Smith and Selection Committee:

This letter is part of and an introduction to our attached response to the referenced RFQ. We offer to provide "comprehensive Coastal Engineering Services" to assist the City of Key West in support of the City's "Coastal Facilities including but not limited to docks, marinas, seawalls, bridges, erosion control, beach design and beach re nourishment." Our Team offers unique expertise relative to these facilities with support by local firms.

As our proposed Project Manager, I, Tem Fontaine, P.E., am based in Vero Beach, Florida; I'm committed to meeting the City's needs. Our work will be overseen by Mr. Michael Walther, P.E., as our QA/QC Officer – also based in Vero Beach. Our Team includes:

- Campbell Engineering Consultants, LLC – based in Marathon;
- Sandra Walters Consultants, Inc. – based in Key West; and
- Reece & Associates Land Surveying, Inc. – based in Big Pine Key.

The geographic locations of our Team members – within Monroe County - enable us to quickly and efficiency meet with City staff and address City needs - at a moment's notice.

The following table summarizes the location of our proposal content relative to the Selection Criteria.

| SELECTION CRITERIA | RFQ Response Section(s) - Pages |
|--|---|
| Specialized experience and technical competence of the firm in the listed disciplines. | Section B – Pages 4 through 8 |
| Professional qualifications of staff personnel/Capacity of assigned and identified staff to accomplish work. | Section C – Pages 9 through 13 Section E – Page 19 |
| Past Work Experience | Section D – Pages 14 through 18 |
| Ability to perform the services expeditiously at the request of the CITY. Location and availability of technical support people and assigned project manager to the CITY | Section A – Page 3 Section F – Page 20 |
| Other certifications | Section C – Pages 9 through 13 |

We request and appreciate your review of our qualifications. We look forward to the opportunity to work with the City of Key West. If you have questions or need other information, please contact me at 772.562.8580 or tfontaine@gecinc.com.

Sincerely,



Coastal Technology Corporation
Charles "Tem" Fontaine III, P.E.
Vice President

Section A - Complete Company Profile

Coastal Technology Corporation (**Coastal Tech-GEC**) - based in Vero Beach - was founded in 1984 as a Florida corporation and has since continuously provided professional coastal engineering services to support infrastructure and natural systems that sustain coastal communities. Our projects and expertise include beach and dune restoration, dredging, fixed and floating docks, marinas, seawalls/bulkheads, revetments, boat ramps, boardwalks, fishing piers, coastal parks, living shorelines, and coastal/marine habitat restoration. Coastal Tech-GEC has planned, designed, obtained permits, and overseen construction of both small and large coastal infrastructure projects that have been supported by the public - with local, state, and federal funding. We consciously strive to efficiently meet our client's needs with quality work products that are environmentally responsible.

In December 2014, Coastal Tech-GEC was acquired by G.E.C., Inc. (GEC). As a wholly owned subsidiary of GEC, Coastal Tech-GEC offers a broad array of services via GEC's depth of professional staff. GEC is one of the nation's top engineering and environmental service companies. GEC offers structural engineering, bridge design, economics and planning, geographic information systems, infrastructure program management, transportation planning, traffic engineering, electrical/ITS engineering and surveying. The firm has performed thousands of environmental, GIS, engineering, and economic studies/design and implementation projects. This depth of capability and experience distinguishes GEC from its peers.



For projects under this RFQ, to best serve the City of Key West, our team includes the following specialized subcontracted consultants:

- **Campbell Engineering Consultants, LLC (CEC)** – based in Marathon - to provide local engineering support and construction phase engineering services. CEC was founded by Will Campbell, who's extensive experience in various types of construction provide a valued local asset to our team.
- **Sandra Walters Consultants, Inc. (SWC)** – based in Key West - to provide permitting and environmental support. SWC is certified as a disadvantaged business enterprise (DBE) and offers supplemental expertise in habitat assessments, wetland permitting and mitigation design, environmental impact statements, compliance monitoring, submerged land leases, and compliance with state and federal regulatory standards.
- **Reece & Associates Land Surveying, Inc. (Reece)** – based in Big Pine Key - to provide topographic and hydrographic surveying support. Reece, over the last 20 years, has grown to 14 people, which includes two Professional Surveyor and Mappers.

Section B – Team Members and Qualifications

Coastal Tech-GEC

Coastal Tech-GEC has been actively engaged in the design, permitting, and construction of coastal infrastructure projects for over 35 years. We have designed, permitted, and overseen construction of five beach restoration projects that were identified as a “*Best Restored Beach*” by the American Shore and Beach Preservation Association – including projects designed to (a) avoid impacts to nearshore benthic resources, and (b) use either upland sand sources or offshore borrow areas

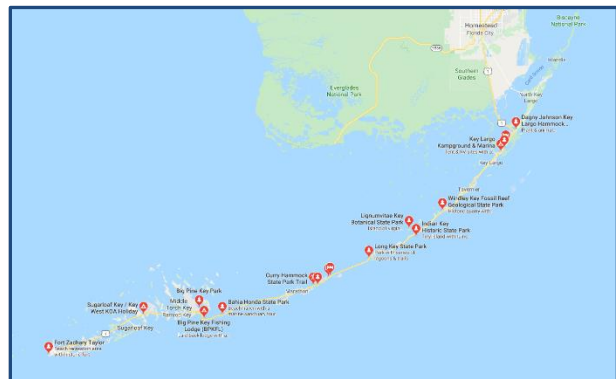


Our most recent representative beach restoration and nourishment projects include:

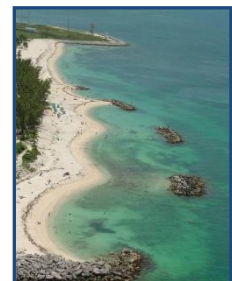
- *Indian River County Sector 7 Beach Restoration* for Indian River County
- *St. Lucie County South Beach Restoration* for St. Lucie County*
- *Navarre Beach Restoration Project* for Santa Rosa County*
- *Town of Dauphin Island Beach and Barrier Island Restoration Engineering Study* for Town of Dauphin Island
- *Sarasota County Shore Protection Project Venice Segment* for the City of Venice*
- *Sarasota Charlotte County Beach Restoration Study* for Sarasota/Charlotte Counties
- *Stump Pass/Knight Island Erosion Control Project* for Charlotte County
- *Bonita Beach Restoration* for Lee County
- *Indian River County Sector 3 Beach Nourishment* for Indian River County*
- *Reach 7 Beach Renourishment, Restoration and Stabilization* for the Town of Palm Beach
- *Matagorda County Sargent Beach Nourishment Project* for Matagorda County, Texas*

* **American Shore and Beach Preservation Association (ASBPA) Best Restored Beach award winner**

In 2007, Coastal Tech-GEC was retained by Florida Department of Environmental Protection (FDEP) Division of Recreation and Parks, to develop a *System-wide Coastal Parks Management Plan* to identify management and/or erosion control measures to offset shoreline erosion and reduce vulnerability of park infrastructure to storm damage. Among the 41 Florida coastal parks that we assessed, were *Long Key State Park*, *Curry Hammock State Park*, *Bahia Honda State Park* and *Ft. Zachary Taylor State Park* in the Florida Keys.



In the late 1980's the beach at *Fort Zachary Taylor State Park* was eroding at a rate of approximately 10 feet per year. This erosion contributed to a significant loss of state property and recreational beach area. For the Florida Division of Recreation and Parks, Coastal Tech-GEC analyzed coastal processes and utilized a numerical model to predict sand transport along the project shoreline for various combinations of beach fill, groin lengths and offshore breakwaters. Coastal Tech-GEC's recommendations included the constructed offshore breakwaters, terminal groin, and sand fill. Coastal Tech-GEC designed, permitted, and oversaw construction of the project.



Coastal Tech-GEC has considerable experience in permitting, design, and construction of docks, boat launches and marinas - per the following representative list of our experience:

- *City of Vero Beach Municipal Marina Master Plan* for the City of Vero Beach
- *Live Like Cole Foundation Riverside Park Pier* for the City of Vero Beach
- *Port St. John Boat Ramp Post-Hurricane Matthew Repair Project* for Brevard County
- *Fisherman's Landing Dock Repair* for Brevard County Parks & Recreation
- *Smyrna Dunes Fishing Pier* for Volusia County
- *Wilbur Boathouse Fishing Pier* for Volusia County
- *Christenson's Landing Boat Ramp* for Brevard County Parks & Recreation
- *Kiwi Condominium Waterfront Rehabilitation and Improvements*
- *Magnolia Bay Fishing & Observation Pier*
- *Environmental Learning Center*
- *Venice Harbor Management Plan* for the City of Venice
- *Riverside at Diamond Sands* for Hutchinson Island 45, Inc.
- *Blind Pass Park Dock and Public Access* for Steve Sauers Environmental Management
- *Harbor Pointe Marina Rebuilding* for Benko Construction
- *Island Pointe Marina* for Benko Construction
- *Surfside Princess Mooring Pile*
- *Whitley Bay Marina* for Benko Construction
- *Marbella Marina* for Trinity Investments
- *Olympia Community Development Docking Facilities*
- *Port St. Joe Marina* for Preble-Rish Inc.
- *Round Island Park Improvements* for Indian River County
- *Ballantrae Marina* for the Ballantrae Golf & Yacht Club
- *Chalfonte Condominium Docking Facility*



The popularity of the casino ship sailings from Port Canaveral led to the addition of the *Surfside Princess* to the Sun Cruz Casino fleet. This ship was significantly larger than the original ship for which the berth was designed. Coastal Tech-GEC designed a new mooring pile and a new breasting dolphin to enable the Ship to moor at the existing Cove Berth so as not to damage the quay. Additionally, an Articulated Concrete Mat (ACM) was designed to protect the bottom from scour due to the bow thrusters. Coastal Tech-GEC also prepared plan view and cross-section design drawings, as well as technical specifications.

Coastal Tech-GEC has permitted and designed a broad range of seawalls and bulkheads including assessment and rehabilitation of existing structures. Below is a representative list of our seawall and bulkhead experience throughout Florida, reflecting both repairs and new structures.

| Project Name | Structure Type | Year Constructed |
|---------------------------------------|----------------------------------|-------------------------|
| Cape Canaveral Air Force Station | Vinyl Sheet Pile | 2020 |
| Port St. John Boat Ramp | Aluminum Sheet Pile | 2019 |
| Bethune Beach Seawall | Concrete Sheet Pile Repair | 2018 |
| Volusia County Seawall Assessment | Assessment of existing seawalls | 2018 |
| Caledon Shores Seawall | Consultation - adjacent seawall | 2016 |
| Seawall Fronting North Ocean Drive | Wave Load & Scour Analysis | 2012 |
| Bird Key Park | Cantilevered Concrete Sheet Pile | 2010 |
| The Strand Replacement Seawall | Pre-Stressed Concrete | 2009 |
| Las Brisas Condominium | Aluminum Sheet Pile | 2008 |
| South Causeway Park | Vinyl Sheetpile Bulkhead | 2008 |
| Woodlake Condominium | Vinyl Sheet Pile | 2007 |
| Sunsplash Park | Pre-stressed Concrete | 2007 |
| Bellagio Condominium | Concrete Sheet Pile | 2007 |
| Sea Oaks III, IV and Clubhouse | Aluminum Sheet Pile | 2006 |
| Sunrise/Moontide Condominiums | Aluminum Sheet Pile | 2006 |
| Turtle Beach Park Erosion Control | Vertical Wall | 2005 |
| Oceans Sands Condominium | Pre-Stressed Concrete | 2005 |
| Ocean Villas Condominium | Pre-Stressed Concrete | 2005 |
| Ocean Vistas Condominium | Pre-Stressed Concrete | 2005 |
| Ebbtide Condominium | Aluminum Sheet Pile | 2005 |
| Ochylski Residence | Aluminum Sheet Pile | 2002 |
| Salomonson Residence | Aluminum Sheet Pile | 2001 |
| Bethune Beach | Aluminum Sheet Pile | 1998 |
| Watermark Condominium | Aluminum Sheet Pile | 1998 |
| Hall Residence | Aluminum Sheet Pile | 1998 |
| Lambeth Residence | Steel Sheet Pile | 1998 |
| Machata Residence | Steel Sheet Pile | 1995 |
| Driftwood Resort | Aluminum Sheet Pile | 1995 |
| Aquarius North Motel | Aluminum Sheet Pile | 1992 |
| Culbertson Residence | Aluminum Sheet Pile | 1992 |
| Pishock Residence | Steel Sheet Pile | 1990 |
| Driftwood Resort | Wood Pile Panel | 1987 |
| City of Vero Beach/Sexton Plaza | Pre-Stressed Concrete | 1987 |
| Village Spires Condominium | Steel Sheet Pile | 1986 |
| Holiday Inn Resort | Steel Sheet Pile | 1985 |
| Harbor Branch Oceanographic Institute | 6700' Steel Sheet Pile | 1994 |
| 2001 Condominium/Sailfish Point | Aluminum Sheet Pile | 1997 |
| 2800 Condominium/Sailfish Point | Steel Sheet Pile | 1996 |
| Scripps Residence | Steel Sheet Pile | 1989 |
| Ocean Ridge Management | Concrete Pile Panel | 1984 |

For erosion control, Coastal Tech-GEC has designed a broad range of shoreline stabilization projects including “living shorelines” supplemented by the seawalls, revetments, wave-breaks, and/or sills including:

- *Cape Canaveral Air Force Station Post-Hurricane Matthew Shoreline Stabilization Project*
- *Brevard County Fisherman’s Landing Post-Hurricane Matthew Shoreline Stabilization Project*
- *Brevard County Long Point Park Post-Hurricane Matthew Shoreline Stabilization Project*
- *Tomoka State Park - Nocoroco Point Stabilization for FDEP*
- *Town of Palm Beach Coastal Structures Analysis for the Town of Palm Beach*
- *Multi-Purpose Artificial Surfing Reef Feasibility Study for Brevard County*
- *Stump Pass State Park Experimental Stabilization Project Third-Party Review for FDEP*
- *Oceanus Condominium Revetment Repair for Oceanus Condominium*
- *St. Andrews Bay Entrance Breakwaters in Bay County for FDEP Recreation & Parks*
- *Phipps Ocean Park- Groin Alternative Evaluation for the Town of Palm Beach*
- *Ft. Pierce Inlet Spur Jetty and Groinfield for St. Lucie County*
- *Kiwanis Park at Geiger Point Rock Revetment/Wave Break for Brevard County*
- *Ft. Zachary Taylor State Park Terminal Groin & Breakwater for FDEP Recreation & Parks*
- *Bahia Honda State Park Revetment for FDEP Recreation & Parks*

Through GEC, Coastal Tech-GEC offers a breadth of experience and expertise in the bridge and roadway design. GEC’s experience includes prestressed concrete girders, continuous slabs, inverted “T” cap column bents, pile bents, footings, retaining walls, as well as geometry, drainage, and earthwork associated with bridge structures and roadways. Design experience includes: AASHTO Standard Specifications for Highway Bridges; AASHTO Policy on Geometric Design of Highways and Streets; Manual on Uniform Traffic Control Devices; Highway Capacity Manual. A representative list of GEC bridge experience includes:



- *Almonaster Avenue Bridge Over the Inner Harbor Navigational Canal (IHNC), New Orleans*
- *John James Audubon Bridge for LA TIMED Managers*
- *Huey P. Long Bridge Widening Project for LA TIMED Managers*
- *Bridge Feasibility Study, U.S. 71/165 Fort Buhlow Bridge and Approaches, Alexandria/Pineville, Louisiana (S.P. No. 700-28-0004) new bridge spanning the Red River for LADOTD*
- *West LaRose Vertical Lift Bridge on Route LA 1, Lafourche Parish, Louisiana for LADOTD*
- *Leeville to Golden Meadow, Relocated LA 1 (S.P. No. H.011207 and H.011239) for LADOTD*
- *Route I-12/I-10 Widening from Acadian Thruway to U.S. 61, Baton Rouge, Louisiana*
- *I-10 Widening: Williams Boulevard to Veterans Boulevard, Jefferson Parish, Louisiana*
- *I-10 Widening: Loyola Drive to Williams Boulevard, Jefferson Parish, Louisiana*
- *Route I-12, Essen Lane Interchange, Baton Rouge, Louisiana*
- *Route I-10, Causeway Boulevard to 17th Street Canal, Metairie*
- *I-49/I-20 Interchange: Shreveport, Louisiana*
- *Lake Wappapello Bridge, Wayne County, Missouri for U.S. Army Corps of Engineers*
- *Pan American Highway Bridge, Republic of Panama for U.S. Army Corps of Engineers*
- *Inspection of the Causeway Bridge and Approaches, Jefferson and St. Tammany Parishes, Louisiana in accordance with AASHTO Manual for Bridge Evaluation*

Campbell Engineering Consultants, LLC

Campbell Engineering Consultants (CEC) offers cost-effective design guidance and solutions for all types of projects utilizing construction experience, latest engineering concepts, and a common sense approach to design. All projects, small and large, can benefit from practical engineering solutions incorporated into industry standard construction practices. Will Campbell is a licensed professional engineer in the state of Florida with a degree in civil engineering from the University of Florida. He began his career working for an international marine construction company and then transitioned to a commercial building contractor. Will has been providing professional engineering services in the Florida Keys on residential and commercial projects ranging from small remodels to large custom homes and retail/office complexes. The extensive construction experience allows him to create designs that are not only efficient, but cost-effective. Types of CEC Projects include, but are not limited to:

- New Dock Construction
- ACOE & EPA Permitting
- Concrete and Wood Restoration
- Inspection & Consulting Services

Sandra Walters Consultants, Inc.

Sandra Walters Consultants (SWC) has provided planning and environmental science services for more than 21 years—including habitat assessments, wetland permitting and mitigation design, environmental impact statements, compliance monitoring, development agreements, and submerged land leases. SWC staff is fully trained in utilization of State and federal wetland assessment methodologies. The firm has conducted data collection and analysis, and written environmental and planning sections of NEPA documents for FDOT, the FAA, the U.S. Army Corps of Engineers, and the South Florida Water Management District, and also provides construction environmental compliance monitoring services. SWC also provides a range of services in contamination assessment, including conducting environmental site assessments, soil and groundwater testing and reporting, underground storage tank removals, and acquisition of No Further Action determinations. The principal of the firm, Sandra Walters, has more than 30 years professional experience. She has been appointed by three governors to the South Florida Regional Planning Council, serving as chair twice, and is current vice chair of the Statewide regional planning association; and was appointed by Governor Bush to Florida's Acquisition and Restoration Council, which oversees purchase and management of State conservation lands.

Reece & Associates Land Surveying, Inc.

Reece & Associates Land Surveying (Reece) has been Surveying and Mapping in the Florida Keys for over 20 years. The firm provides Boundary, Topographic & Mean High Water Line surveys, elevation certificates, establish benchmarks, and as-builts. Reece stays current with technology and retains its professional staff to effectively provide for client's needs. Reece utilizes both the Florida Department of Transportation's (FDOT's) Florida Permanent Reference Network (FPRN) and the Trimble Network for Real-Time Kinematic (RTK) GPS work. Reece also provides conventional surveying and mapping methods of leveling and traversing depending on each project's particular scope and acceptable tolerances.

Section C - Key Personnel Expertise - Engineering

CHARLES “TEM” FONTAINE III, P.E.

Firm: Coastal Tech-GEC

Project Role: Project Manager and Engineer-of-Record

Degree: M.S., Coastal and Oceanographic Engineering, 2008
B.S., Mechanical Engineering, 2006

Registration/Certifications: P.E., Florida – 73042, Louisiana – 44012, Texas – 136084

Years of Experience: 12 years

Key Qualifications: Mr. Fontaine is a Coastal Engineer with more than 12 years of coastal engineering design and project management experience throughout the Southeast United States. He completed the Texas A&M University Center for Dredging Studies Dredging Engineering Short Course in January 2012. He provides planning, design, permitting, and construction phase consulting services focused on coastal projects including beach and dune nourishment projects, coastal structures, and coastal parks. He has experience surrounding coastal structures including seawalls, bulkheads, revetments, living shorelines, piers, breakwaters, groins, jetties, docks, marinas, vehicular beach access ramps and boat ramps. He has a wide range of experience applying coastal numerical models to better understand the coastal processes surrounding coastal project including the Mike21 Suite, CMS Suite, DNRBS, and CEDAS.

Relevant Experience

Repair Shoreline Hurricane Matthew at Cape Canaveral Air Force Station, Florida: Mr. Fontaine is serving as engineer of record for the design, permitting and construction phase services for the post-Matthew and Irma Shoreline Repair Project at the Cape Canaveral Air Force Station. The project includes about 3,000 linear feet of vinyl bulkhead, 6,300 linear feet of rip rap revetment using native limestone rock and native plantings anticipated to be constructed in the winter to spring of 2020.

Fisherman’s Landing Park Shoreline Protection Project, Brevard County, Florida: Mr. Fontaine is serving as engineer of record for the design, permitting and construction phase services for the post-Irma Shoreline Restoration Project at Fisherman’s Landing Park. The project includes a rip rap revetment using native limestone rock and was constructed in the summer of 2019.

Port St. John Boat Ramp, Port St. John, Florida: Mr. Fontaine served as engineer of record for the design and permitting of the post-Irma repairs to the boat ramp that included the installation of about 125 linear feet of aluminum bulkhead, about 480 linear feet of repairs to an existing wood bulkhead, and about 100 linear feet of new rip rap rock revetment as well as the demolition and replacement of three docks and other site civil repairs to damaged infrastructure from Hurricane’s Matthew and Irma.

16th Ave Beach Access Park, Volusia County, Florida: Mr. Fontaine is serving as engineer of record for the design and permitting of a beach park that includes parking, a stormwater management system, and an ADA dune overwalk. The permitting and construction of the park is anticipated to be complete in 2020.

POW/MIA Park Channel & Boat Ramp Improvements, Brevard County, Florida: Mr. Fontaine served as Engineer of Record for the construction of improvements including channel and turning basin dredging, boat docks, and navigation markers for the existing boat ramp at POW/MIA Park in Brevard County.

St. Lucie County, Ft. Pierce Inlet Spur Jetty, Ft. Pierce, Florida: Coastal Tech-GEC designed, permitted, and oversaw the 1997 construction of a 200-foot long spur jetty - proposed to improve stability of downdrift beaches and to reduce requirements for maintenance dredging at Ft. Pierce Inlet by the USACE. In August 1999, Coastal Tech-GEC's monitoring report (covering a two year period) concluded that the attached breakwater: was effectively trapping sand; had reduced beach erosion along the south beaches; and reduced sediment transport into the inlet. In 2006 and 2018, Coastal Tech-GEC assisted the County in emergency damage repair for the Spur Jetty due to damage done by hurricanes. Tem served as engineer of record for the design and permitting of the 2018 project.

Long Point Park Shoreline Protection Project, Brevard County, Florida: Mr. Fontaine served as the engineer of record for the design, permitting and construction phase services for the post-Matthew and post-Irma shoreline protection project at Long Point Park Campground in Brevard County.

Tomoka State Park Shoreline Stabilization: Mr. Fontaine served as the engineer of record for the design oyster bag reef and a rock revetment with a wetland and transitional vegetation living shoreline component. The project entailed (a) no excavation to avoid disturbance of Native American relics, and (b) no fill placement below the Mean-High-Water-Line to avoid impacts to habitat.

Sector 7 Beach and Dune Restoration Project, Indian River County, Florida: Mr. Fontaine is serving as engineer of record for the design and permitting for the proposed re-nourishment of a 2.0 mile segment of critically eroded shoreline, initially restored in 2007.

St. Lucie County South Beaches Restoration, Ft. Pierce, Florida: Since 2008, Mr. Fontaine has been the Project Engineer for this initial "non-federal" project. In his initial efforts, Tem applied numerical models to assess the expected performance of the proposed beach nourishment project due to alongshore 'spreading' and cross-shore of the beach fill. Mr. Fontaine is currently performing post-construction physical monitoring of the project. Mr. Fontaine is also assisting the County to improve public access to increase federal funding for a USACE "federal" project for future maintenance.

St. Lucie County South Beaches Mitigation Reef, Ft. Pierce, Florida: From 2013-2014, Tem performed design, permitting, and construction phase services for the Mitigation Reef constructed by the County to offset predicted impacts to nearshore hardbottom attributable to the construction of the South Beach project. The design of the project included stability calculations for different rock sizes and depths of water based upon suitable reef locations determined based upon the analysis of the field data collected by Morgan & Eklund, Inc. and CSA, Inc.

Navarre Beach Restoration, Santa Rosa County, Florida: Tem is currently serving as Coastal Engineer and Project Manager for monitoring of this 4-mile long beach restoration project – initially constructed in 2006 and re-nourished in 2016. Tem conducted field measurements and observations, and estimated losses to support the post-storm FEMA-funded 2010 dune restoration, via a truck haul project after Hurricanes Gustav and Ike in 2008. Tem served as the Engineer-of-record for preliminary design and permitting of the 2016 re-nourishment project.

MICHAEL WALTHER, P.E., D.CE, P.E.**Firm:** Coastal Tech-GEC**Project Role:** QA Officer**Degree:** M.S., Coastal and Ocean Engineering, 1977
B.E.S., Engineering Science, 1975**Registration/Certifications:** P.E., Florida, 32081**Years of Experience:** 41 years

Key Qualifications: Mr. Walther has a detailed understanding of coastal processes, state and federal policies, coastal engineering design and permitting. Mr. Walther is a certified Diplomat in Coastal Engineering by ASCE's Academy of Coastal, Ocean Port and Navigation Engineers and a registered engineer in Florida, Alabama, Louisiana, North Carolina and Texas. He has a detailed understanding of coastal processes and engineering, state and federal policies, Coastal Zone Management, and regulatory permitting. Mr. Walther is intimately familiar with the design, permitting and construction of marine structures and coastal habitat restoration.

AMELIA W. FONTAINE, P.E., CFM**Firm:** Coastal Tech-GEC**Project Role:** Civil Engineer**Degree:** M.S., Civil Engineering, 2008
B.S., Civil Engineering, 2006**Registration/Certifications:** P.E., Florida, 72291
Certified Floodplain Manager (CFM)**Years of Experience:** 11 years

Key Qualifications: Mrs. Fontaine is widely experienced at leading and performing tasks at the local and regional level including stormwater modeling with GIS interface for floodplain mapping, water utility technical analysis, and stormwater best management/engineering design from conceptual-level through final design. She has applied her expertise to a myriad of water resources and urban stormwater projects.

HANNAH G. WALSH, E.I.**Firm:** Coastal Tech-GEC**Project Role:** Coastal Engineer**Degree:** M.S., Ocean Engineering, 2018
B.S., Mechanical Engineering, 2014**Registration/Certifications:** EIT, Tennessee License No. 32308**Years of Experience:** 2 years

Key Qualifications: Mrs. Walsh joined Coastal Tech-GEC. as a Coastal Engineer just after completing her Master's degree in Ocean Engineering from the Florida Institute of Technology where she worked as a Graduate Research Assistant at the Coastal Engineering Laboratory. At FIT Hannah worked on the development and validation of a new suction dredge head design for fine sediment removal in environmental dredging applications. Since working at Coastal Tech-GEC, Ms. Walsh has provided planning, design, permitting, and construction phase consulting services on coastal engineering projects including beach and dune nourishment and coastal structures.

RONALD M. NOBLE, P.E., D.CE, D.WRE, D.PE**Firm:** G.E.C., Inc.**Project Role:** Coastal Engineer**Degree:** M.S., Civil Engineering, 1969
B.S., Civil Engineering, 1968**Registration/Certifications:** P.E., 23436, California
Diplomate, Coastal Engineering (ACOPNE Certification #5)
Diplomate, Port Engineering (ACOPNE Certification #1)
Diplomate, Water Resources Engineering (AAWRE Certification #631)**Years of Experience:** 47 years

Key Qualifications: Mr. Noble has over 45 years of experience in coastal-ocean engineering, navigational/dredging projects, waterfront structures, hydrologic analysis and hydrodynamic modeling. He has worked on a broad cross section of coastal/oceanographic and hydrologic engineering projects involved with riverine, estuarine, and coastal processes, dredging operations, navigational surveys, flood studies and the design of port facilities, small craft harbors, recreational marinas, and waterfront structures. Projects have included beach nourishment & stabilization, navigational improvements, wetlands restoration, piers, floating berths, breakwaters, bulkheads, seawalls, groins, levees, and channel stabilization structures. He has been equally involved in overseeing analyses, permit processing, engineering design, construction contract documents & bidding, and construction management for these projects.

CHIA-CHI LU, PH.D., P.E., D.CE**Firm:** G.E.C., Inc.**Project Role:** Coastal Engineer**Degree:** Ph.D., Ocean Engineering, 1981
M.S., Hydraulic Engineering, 1975
B.S., Hydraulic Engineering, 1971**Registration/Certifications:** P.E., RCE 52521, California
Diplomate, Coastal Engineering (ACOPNE Certificate #31)**Years of Experience:** 32 years

Key Qualifications: Dr. Lu specializes in the fields of coastal and hydraulic engineering and has extensive experience in the development of numerical simulation on related engineering problems by using various numerical techniques such as finite difference method, finite element method and boundary element method. He has extensive experience in the development of numerical models to simulate coastal and hydraulic processes and analyze engineering problems. He has conducted numerous coastal investigations and planning studies along the San Diego, Orange, Los Angeles, Santa Barbara and Ventura county shorelines.

KEITH REBELLO, PH.D., P.E.**Firm:** G.E.C., Inc.**Project Role:** Structural Engineer**Degree:** Ph.D., Civil Engineering, 1990

M.S., Civil Engineering, 1986

B.S., Civil Engineering, 1983

Registration/Certifications: P.E., 77988, Florida**Years of Experience:** 27 years

Key Qualifications: Dr. Rebello has 27 years of structural engineering experience following his research work on non-linear deformation behavior of pre-stressed concrete bridges. His bridge design experience encompasses both structural steel and pre-stressed concrete structures including pre-stressed concrete I-girders, steel plate, steel box girders, long span steel trusses, horizontally curved steel plate girders, post tensioned segmental precast/cast in place box girders, and welded steel plate girders. Dr. Rebello has designed and managed a variety of structural projects involving complex interstate and highway bridges (new, replacement, rehabilitation and widening), retaining walls, noise walls, buildings, water and wastewater treatment facilities, hurricane protection systems and hydraulic structures. Dr. Rebello has extensive experience in rating of bridges in accordance with LADOTD and AASHTO MBE requirements and performed ratings using AASHTOWare Bridge Rating (Virtis) Software and finite element analysis where required.

VARAPRASAD VENKATA, P.E.**Firm:** G.E.C., Inc.**Project Role:** Structural Engineer**Degree:** M.S., Structural Engineering, 1995

B.S., Civil Engineering, 1992

Registration/Certifications: P.E., 81068, Florida**Years of Experience:** 22 years

Key Qualifications: Mr. Venkata has 22 years of structural engineering experience involving highway bridges, low and high mast light pole supports, highway sign supports, hurricane protection systems and water treatment and distribution facilities and industrial structures. He has provided design services for state agencies inclusive of FHWA funding, Tolling commissions, as well as non-state entities and private industry. Mr. Venkata's design experience includes AASHTO structural sign supports for highway signs, traffic signal supports, camera pole platforms and supports, DMS sign supports and main platforms and low and high mast light pole attachments and foundations. His bridge design experience includes the widening of existing structures and new structures for highly congested interstates and major highways which includes but not limited to the design of pile bents column bents, PSC girders, concrete deck, pre-stressed Type III girder spans and steel girders.

Section D – Past five (5) Years of Relevant Experience

1. Project: St. Lucie County – South County Beach & Dune Restoration

Client Name: St. Lucie County Erosion Control District
Representative: Richard Bouchard, P.E.
 3150 Will Fee Road
 Fort Pierce, FL 34982
 Email: BouchardR@stlucieco.org
 Phone: 772-462-1710



Description of Project: In the spring of 2013, St. Lucie County placed about 635,164 cubic yards of sand and native dune vegetation to restore about 3.4 miles of the County's southernmost shoreline. This project won an American Shore and Beach Preservation Association's (ASBPA) 2015 "Best Restored Beach" award. Coastal Tech-GEC has continuously been engaged with the County in support of the initial nourishment as well as the anticipated re-nourishment of the project: Coastal Tech-GEC:

- held numerous public meetings to engage stakeholders in plan formulation;
- conducted a simplified "NED" analysis of alternatives to formulate the recommended plan – as a potential future federal project;
- provided environmental services to map and characterize existing hardbottom communities within and surrounding the project area;
- identified hardbottom impacts and negotiated mitigation for unavoidable impacts;
- designed the project to be constructed using either upland sand sources or offshore sand sources;
- assisted the County with formulation of a benefits-based *Special Assessment District* to generate the local share of project costs;
- developed construction plans and Technical Specifications for construction;
- obtained FDEP and the USACE permits;
- provided beach-fill and mitigation reef construction oversight;
- provided monitoring of the Project and mitigation reef performance;
- assisted the County with obtaining FEMA funding for storm repairs via future re-nourishment; and
- assisted the County in identifying public access improvements to maximize federal cost-sharing under the future congressional authorized federal project.

Key Personnel involved in Design Phase Services: Michael Walther oversaw design, permitting, and construction phase services as Project Manager and Engineer-of-Record for final design and permit applications. Tem Fontaine developed the preliminary design and served as Engineer-of-Record for and construction. Hannah Walsh assisted in post-construction physical monitoring.

Year Completed: 2013 construction; monitoring ongoing; planning for renourishment ongoing

Design Service Fees: \$325,343

Estimated Construction Cost: \$6.6M (Estimate was performed prior to Hurricane Sandy Impacting Project Site.)

Contractor: Great Lakes Dredge & Dock Company, LLC

Contractor Representative: Manny Vianzon
 2122 York Road
 Oak Brook, IL 60523
MVianzon@gldd.com; 630-209-6848

Contract award amount: \$7.5M (A Change Order was issued to account for losses attributable to Hurricane Sandy.)

2. Project: Navarre Beach – Beach Berm & Dune Restoration

Client Name: Santa Rosa County
Representative: Roger Blaylock, P.E.
Santa Rosa County Engineer
6051 Old Bagdad Highway, Suite 300
Milton, FL 32583
Email: RogerB@SantaRosa.FL.GOV
Phone: 850-981-7100



Key Personnel Involved in Design Phase Services: Tem Fontaine, Michael Walther (Post Construction Monitoring Hannah Walsh)

Description of Project: In 2006, Santa Rosa County placed about 2.9 million cubic yards of sand and native dune vegetation to restore about 4 miles of County beaches – including a protective dune feature. In 2016, the County conducted its first maintenance project including placement of 1.3 million cubic yards of sand. Although the Project has been impacted by numerous storms, the dune feature has not been significantly overtopped and remains mostly intact. This project won an American Shore and Beach Preservation Association (ASBPA) 2010 “*Best Restored Beach*” award.

Coastal Tech-GEC:

- produced a *Feasibility Study* to identify the need and justification for the Project;
- applied the REFDIF and GENESIS numerical models to simulate historical shoreline changes, evaluate Project alternatives, and predict project performance;
- performed offshore geotechnical investigations to identify borrow areas containing beach compatible nearly pure quartz “sugar” sand – per local standards;
- developed construction plans and Technical Specifications for construction – with provisions for relocation trawling of marine turtles within the borrow area;
- obtained FDEP and the USACE permits;
- performed construction administration for both the 2006 initial restoration and 2016 maintenance nourishment;
- assisted the County in documenting storm impacts to the beach berm and obtaining FEMA funding for storm repairs; and
- performed physical monitoring.

Key Personnel involved in Design Phase Services: Michael Walther oversaw design, permitting, and construction phase services – as Project Manager and engineer of record for final design and construction. Tem Fontaine developed design storm conditions and the preliminary design and served as Engineer-of-Record for permit applications.

Year Completed: 2016

Design Service Fee: \$108,956

Estimated Construction Cost: \$14M

Contractor: Weeks Marine, Inc.

Contractor Representative: Tim Weckwerth, Vice President
304 Gaille Drive
Covington, LA 70433,
985-875-2500
tjweckwerth@weeksmarine.com

Contract award amount: \$12.9M

3. Project: Vero Beach - Municipal Marina Master Plan

Client Name: City of Vero Beach
Representative: Monte Falls, P.E., City Manager
 1053 20th Place
 Vero Beach, FL 32960
 Email: Citymgr@covb.org
 Phone: 772-978-4710

Key Personnel Involved in Design Phase Services: Tem Fontaine, Michael Walther, Hannah Walsh

Description of Project: The City's Municipal Marina is located on the Indian River Lagoon adjacent to the Atlantic ICWW. The Marina offers temporary and long-term dockage for over 3,000 visiting boats each year. Marina facilities may warrant upgrading and expansion to accommodate the increasing number of boats and larger boats seek Marina dockage. Coastal-Tech is, with City staff, developing a *Municipal Marina Master Plan*.

Coastal Tech-GEC:

- compiled, reviewed, and prepared a written summary of (a) existing data on the marina and adjacent waterways, (b) data deficiencies, and (c) pathways to resolve deficiencies – as needed to develop the *Plan*;
- assessed structural conditions of existing docks and prepared a summary of conditions;
- participated in meetings with the City's Marine Commission and City Council to identify alternatives to be assessed and developed further;
- developed a conceptual site plan for all alternatives;
- is currently (i) assessing potential environmental impacts and the feasibility of obtaining State and Federal permits, (ii) developing an Opinion of Probable Construction costs; and (iii) identifying potential funding grants ;
- will develop, with City staff, a draft *Municipal Marina Master Plan* for consideration and adoption by the City's Marine Commission and subsequently by the City Council.

Key Personnel involved in Design Phase Services: Tem Fontaine is serving as the Project Manager and Engineer-of-Record. Michael Walther is serving as the QA Officer. Hannah Walsh is serving as a coastal engineer.

Year Completed: Ongoing 2020

Total Fees: \$106,124

Estimated Construction Cost: \$20M

Contractor: N/A

Contract award amount: N/A



4. Project: *Tomoka State Park - Nocoroco Point Stabilization*

Client Name: Florida Department of Environmental Protection
Representative: Marshall W. Flake - Coastal Project Coordinator
Division of Recreation and Parks
3900 Commonwealth Blvd., MS 530
Tallahassee, FL 32399-3000
Email: Marshall.Flake@dep.state.fl.us
Phone: 850-245-3104

Description of Project: The Florida Department of Environmental Protection (FDEP) improved the shoreline surrounding Nocoroco Point to halt historical shoreline erosion, provide protection of archaeological sites including a cemetery, improve the shoreline stability, and provide for the vegetative plantings to restore Living Shoreline habitat.

Coastal Tech-GEC:

- obtained a hydrographic survey of the Project area;
- researched public records regarding historical or archaeological sites within the Project area;
- identified jurisdictional boundaries areas and mapped exotic and mangrove communities;
- provided customary conceptual, preliminary, and final design services for the Project including oyster reef, wetland vegetation, revetment, and Living Shoreline – without any excavation to avoid potential archeological resources;
- obtained SJRWMD and USACE;
- spot-checked construction for compliance with plans, specifications and permits.

Key Personnel involved in Design Phase Services:

Michael Walther oversaw design, permitting, and construction phase services – as Project Manager and Engineer-of-Record for final design and construction. Tem Fontaine developed design storm conditions and the preliminary design and served as Engineer-of-Record for permit applications.

Year Completed: 2017

Total Fees: \$73,608

Estimated Construction Cost: \$220,400

Contractor: CO Services, LLC

Contractor Representative: Mike Covington

P.O. Box 1500
Eagle Lake, FL 33839
(863) 877-0595
mikec@coservicesllc.com

Contract award amount: \$320,363



5. Project: *Smyrna Dunes Park – Fishing Pier*

Client Name: County of Volusia
Joe Nolin, Coastal Project Manager
123 West Indiana Avenue
DeLand, FL 32720
Phone: 386-736-2700 X 8072
Email: jnolin@volusia.org

Description of Project: The County of Volusia constructed a 350 feet long ADA accessible pier to provide public access to the Indian River Lagoon at the County's Smyrna Dunes Park. Coastal Tech-GEC designed, obtained permits, and supported construction of the pier. Coastal Tech-GEC:

- obtained a location/hydrographic survey of the adjacent upland and submerged lands;
- conducted a Submerged Aquatic Vegetation (SAV) survey surrounding the pier;
- provided customary conceptual, preliminary, and final design of the pier;
- prepared and submitted a formal FIND Waterways Assistance Program Application and represented the County at a FIND Board meeting – resulting in a FIND funding for the pier;
- obtained SJRWMD and USACE permits;
- spot-checked construction for compliance with plans, specifications and permits.



Key Personnel involved in Design Phase Services: Michael served as Engineer-of-Record for final design and construction; Tem developed design storm conditions and the preliminary design and served as Engineer-of-Record for permit applications.

Year Completed: 2017

Total Fees: \$69,671

Estimated Construction Cost: \$475,000

Contractor: Underwater Engineering Services, Inc.

Contractor Representative: Jack Glanville
3306 Enterprise Road
Fort Pierce, FL 34982
772-337-3116
jglanville@uesi.com

Contract award amount: \$627,082

Section E – Engineering Personnel Expertise

| Name | Prime or Subcontractor (Firm) | Job Classification | Years Experience |
|-----------------------------------|--------------------------------------|--------------------------------|-------------------------|
| Charles “Tem” Fontaine III, P.E. | Prime (Coastal Tech -GEC) | Project Manager & EOR | 12 |
| Michael Walther, P.E., D.CE | Prime (Coastal Tech -GEC) | QA/QC Officer | 41 |
| Amelia Fontaine, P.E. | Prime (Coastal Tech -GEC) | Civil Engineering | 11 |
| Hannah G. Walsh, E.I. | Prime (Coastal Tech -GEC) | Coastal Engineering | 2 |
| Ronald M. Noble, P.E., D.CE | Prime (GEC) | Coastal Engineering | 50 |
| Chia-Chi Lu, Ph.D., P.E., D.CE | Prime (GEC) | Coastal Modeling | 34 |
| Keith Rebello, Ph.D., P.E. | Prime (GEC) | Structural Engineering | 27 |
| Varaprasad Ramaraju Venkata, P.E. | Prime (GEC) | Structural Engineering | 22 |
| Will Campbell, P.E. | Subcontractor (CEC) | Construction Phase Engineering | 11 |

Section F – Proposed Management Approach

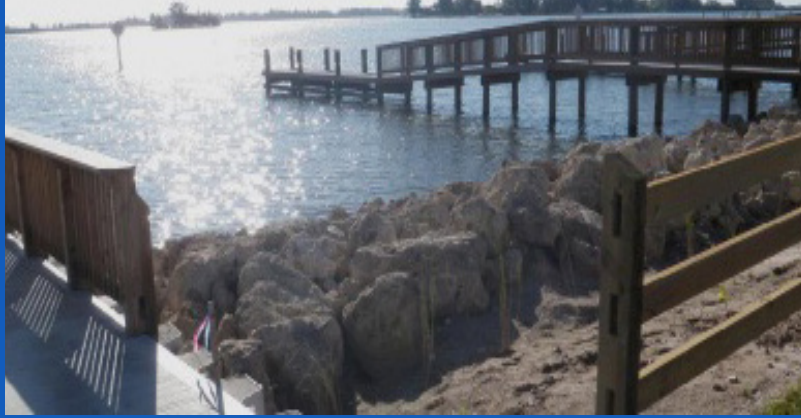
Our management approach supports our corporate purpose of continually striving to provide technically excellent professional and consulting services to our clients, while keeping within budget and on schedule. Coastal Tech-GEC will develop and implement a formal quality management plan for every City project. Each plan will clearly define stakeholders; requirements and standards; quality assurance tasks, timing, and personnel; and quality control tasks, timing, and personnel. Quality assurance personnel charged with technical reviews will remain independent of the project execution team. Our team's quality management officer, Michael Walther, P.E., (a) is responsible for overall, contract-wide quality management, and (b) will provide guidance, coordination, oversight, and quality assurance throughout the contract life.

Our major quality management objectives are:

- Exceed the City's expectations.
- Produce work products that exceed the technical quality achieved under similar circumstances by major competitors in our profession.
- Produce work products meeting City goals for excellence in content, style, and organization.
- Plan and implement an active quality review program aimed at avoiding errors.
- Regularly coordinate with the City to convey project progress and obtain feedback.
- Monitor schedules and costs to complete projects on time and within budget.
- Consult with qualified and experienced professionals — both internal and external — during the course of the project.

Coastal Tech-GEC will apply the following approach for City task assignments:

1. Upon a request for a proposal by the City, our QA Officer and Project Manager will prepare a proposal — including a scope of work, schedule, and fee estimate. They will confer, as necessary, with the City's point of contact to confirm any assumptions for the proposed project. Assigned staff with relevant technical expertise will review the proposal.
2. Following negotiation with the City and receipt of a task order, our Project Manager will prepare a quality management plan (QMP) describing how and when Independent Technical Review (ITR) will be performed; list the project delivery team and ITR Team members and their review responsibilities; state the risks inherent to the project; and address any special considerations and/or crucial design features that must be addressed.
3. The QA Officer will review and approve the QMP, making any revisions necessary. Work on a task order may not begin without approval of the QMP.
4. The QA Officer shall perform quality assurance activities at the specific milestones.
5. The Project Manager has primary responsibility for staff performance, cost control, and schedule control. The Project Manager receives automated financial reports at a weekly frequency, from our internal accounting system.
6. The QA Officer will review all deliverable products for consistency with City standards and criteria before submittal.
7. At the completion of the project, a senior staff member will solicit an independent assessment of the team's performance from the City's project manager. At an internal team meeting, our team members will discuss City feedback and other project experiences as "lessons learned". This information will be used to maximize quality and performance on succeeding projects.



FORMS



ANTI-KICKBACK AFFIDAVIT

STATE OF FLORIDA)
COUNTY OF Indian River : SS)

I, the undersigned hereby duly sworn, depose and say that no portion of the sum herein bid will be paid to any employees of the City of Key West as a commission, kickback, reward or gift, directly or indirectly by me or any member of my firm or by an officer of the corporation.

By: Charles T Fontaine III
Charles T Fontaine III

Sworn and subscribed before me this

7th Day of January, 2020.

Margot M. Holleran
NOTARY PUBLIC, State of Florida at Large

My Commission Expires: _____



RFQ ENVIRONMENTAL ENGINEERING SERVICES 2020

**SWORN STATEMENT UNDER SECTION 287.133(3)(a)
FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES**

**THIS FORM MUST BE SIGNED IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICE
AUTHORIZED TO ADMINISTER OATHS.**

1. This sworn statement is submitted with Bid, Bid or Contract No. 20-002 for
Environmental Engineering Services
2. This sworn statement is submitted by Coastal Technology Corporation
(Name of entity submitting sworn statement)

whose business address is 3625 20th Street, Vero Beach, FL 32960

and (if applicable) its Federal
Employer Identification Number (FEIN) is 59-2469863 (If the entity has no FEIN,
include the Social Security Number of the individual signing this sworn statement.)
3. My name is Charles Temple Fontaine, III and my relationship to
(Please print name of individual signing)

the entity named above is Vice President / Authorized Officer.
4. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including but not limited to, any Bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, material misrepresentation.
5. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication guilt, in any federal or state trial court of record relating to charges brought by indictment information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.
6. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means
 1. A predecessor or successor of a person convicted of a public entity crime: or
 2. An entity under the control of any natural person who is active in the management of t entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.
7. I understand that a "person" as defined in Paragraph 287.133(1)(8), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter

RFQ ENVIRONMENTAL ENGINEERING SERVICES 2020

into a binding contract and which Bids or applies to Bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

8. Based on information and belief, the statement, which I have marked below, is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies.)

☒ Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.

☐ The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989, AND (Please indicate which additional statement applies.)

☐ There has been a proceeding concerning the conviction before a hearing of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order.)

☐ The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order.)

☐ The person or affiliate has not been put on the convicted vendor list. (Please describe any action taken by or pending with the Department of Environmental Services.)

Charles T. Fontaine III
(Signature)

1/7/2020
(Date)

STATE OF Florida

COUNTY OF Indian River

CHARLES T. FONTAINE III
PERSONALLY APPEARED BEFORE ME, the undersigned authority,

CHARLES T. FONTAINE III who, after first being sworn by me, affixed his/her signature in the
(Name of individual signing)

space provided above on this 7th day of January, 2020.

My commission expires:
NOTARY PUBLIC

Margot M. Holleran



MARGOT M. HOLLERAN
Commission # GG 119038
Expires October 27, 2021
Bonded Thru Budget Notary Services

16

City Ordinance Sec. 2-799

Requirements for City Contractors to Provide Equal Benefits for Domestic Partners

- (a) Definitions. For purposes of this section only, the following definitions shall apply:
- (1) **Benefits** means the following plan, program or policy provided or offered by a contractor to its employees as part of the employer's total compensation package: sick leave, bereavement leave, family medical leave, and health benefits.
 - (2) **Bid** shall mean a competitive bid procedure established by the city through the issuance of an invitation to bid, request for proposals, request for qualifications, or request for letters of interest.
 - (3) **Cash equivalent** means the amount of money paid to an employee with a domestic partner in lieu of providing benefits to the employee's domestic partner. The cash equivalent is equal to the employer's direct expense of providing benefits to an employee for his or her spouse.

The cash equivalents of the following benefits apply:

- a. For bereavement leave, cash payment for the number of days that would be allowed as paid time off for the death of a spouse. Cash payment would be in the form of the wages of the domestic partner employee for the number of days allowed.
 - b. For health benefits, the cost to the contractor of the contractor's share of the single monthly premiums that are being paid for the domestic partner employee, to be paid on a regular basis while the domestic partner employee maintains such insurance in force for himself or herself.
 - c. For family medical leave, cash payment for the number of days that would be allowed as time off for an employee to care for a spouse who has a serious health condition. Cash payment would be in the form of the wages of the domestic partner employee for the number of days allowed.
- (4) **Contract** means any written agreement, purchase order, standing order or similar instrument entered into pursuant to the award of a bid whereby the city is committed to expend or does expend funds in return for work, labor, professional services, consulting services, supplies, equipment, materials, construction, construction related services or any combination of the foregoing.
 - (5) **Contractor** means any person or persons, sole proprietorship, partnership, joint venture, corporation, or other form of doing business, that is awarded a bid and enters into a covered contract with the city, and which maintains five (5) or more full-time employees.
 - (6) **Covered contract** means a contract between the city and a contractor awarded subsequent to the date when this section becomes effective valued at over twenty thousand dollars (\$20,000).
 - (7) **Domestic partner** shall mean any two adults of the same or different sex, who have registered as domestic partners with a governmental body pursuant to state or local law authorizing such registration, or with an internal registry maintained by the

employer of at least one of the domestic partners. A contractor may institute an internal registry to allow for the provision of equal benefits to employees with domestic partner who do not register their partnerships pursuant to a governmental body authorizing such registration, or who are located in a jurisdiction where no such governmental domestic partnership registry exists. A contractor that institutes such registry shall not impose criteria for registration that are more stringent than those required for domestic partnership registration by the City of Key West pursuant to Chapter 38, Article V of the Key West Code of Ordinances.

- (8) *Equal benefits* mean the equality of benefits between employees with spouses and employees with domestic partners, and/or between spouses of employees and domestic partners of employees.

(b) Equal benefits requirements.

- (1) Except where otherwise exempt or prohibited by law, a Contractor awarded a covered contract pursuant to a bid process shall provide benefits to domestic partners of its employees on the same basis as it provides benefits to employees' spouses.
- (2) All bid requests for covered contracts which are issued on or after the effective date of this section shall include the requirement to provide equal benefits in the procurement specifications in accordance with this section.
- (3) The city shall not enter into any covered contract unless the contractor certifies that such contractor does not discriminate in the provision of benefits between employees with domestic partners and employees with spouses and/or between the domestic partners and spouses of such employees.
- (4) Such certification shall be in writing and shall be signed by an authorized officer of the contractor and delivered, along with a description of the contractor's employee benefits plan, to the city's procurement director prior to entering into such covered contract.
- (5) The city manager or his/her designee shall reject a contractor's certification of compliance if he/she determines that such contractor discriminates in the provision of benefits or if the city manager or designee determines that the certification was created, or is being used for the purpose of evading the requirements of this section.
- (6) The contractor shall provide the city manager or his/her designee, access to its records for the purpose of audits and/or investigations to ascertain compliance with the provisions of this section, and upon request shall provide evidence that the contractor is in compliance with the provisions of this section upon each new bid, contract renewal, or when the city manager has received a complaint or has reason to believe the contractor may not be in compliance with the provisions of this section. This shall include but not be limited to providing the city manager or his/her designee with certified copies of all of the contractor's records pertaining to its benefits policies and its employment policies and practices.
- (7) The contractor may not set up or use its contracting entity for the purpose of evading the requirements imposed by this section.

- (c) Mandatory contract provisions pertaining to equal benefits. Unless otherwise exempt, every covered contract shall contain language that obligates the contractor to comply with the applicable provisions of this section. The language shall include provisions for the following:
- (1) During the performance of the covered contract, the contractor certifies and represents that it will comply with this section.
 - (2) The failure of the contractor to comply with this section will be deemed to be a material breach of the covered contract.
 - (3) If the contractor fails to comply with this section, the city may terminate the covered contract and all monies due or to become due under the covered contract may be retained by the city. The city may also pursue any and all other remedies at law or in equity for any breach.
 - (4) If the city manager or his designee determines that a contractor has set up or used its contracting entity for the purpose of evading the requirements of this section, the city may terminate the covered contract.
- (d) Enforcement. If the contractor fails to comply with the provisions of this section:
- (1) The failure to comply may be deemed to be a material breach of the covered contract; or
 - (2) The city may terminate the covered contract; or
 - (3) Monies due or to become due under the covered contract may be retained by the city until compliance is achieved; or
 - (4) The city may also pursue any and all other remedies at law or in equity for any breach;
 - (5) Failure to comply with this section may also subject contractor to the procedures set forth in Division 5 of this article, entitled "Debarment of contractors from city work."
- (e) Exceptions and waivers.

The provisions of this section shall not apply where:

- (1) The contractor does not provide benefits to employees' spouses.
- (2) The contractor is a religious organization, association, society or any non-profit charitable or educational institution or organization operated, supervised or controlled by or in conjunction with a religious organization, association or society.
- (3) The contractor is a governmental entity.
- (4) The sale or lease of city property.
- (5) The provision of this section would violate grant requirement, the laws, rules or regulations of federal or state law (for example, The acquisition services procured pursuant to Chapter 287.055, Florida Statutes known as the "Consultants' Competitive Negotiation Act").

- (6) Provided that the contractor does not discriminate in the provision of benefits, a contractor may also comply with this section by providing an employee with the cash equivalent of such benefits, if the city manager or his/her designee determines that either:
 - a. The contractor has made a reasonable yet unsuccessful effort to provide equal benefits. The contractor shall provide the city manager or his/her designee with sufficient proof of such inability to provide such benefit or benefits which shall include the measures taken to provide such benefits or benefits and the cash equivalent proposed, along with its certificate of compliance, as is required under this section.
- (7) The city commission waives compliance of this section in the best interest of the city, including but not limited to the following circumstances:
 - a. The covered contract is necessary to respond to an emergency.
 - b. Where only one bid response is received.
 - c. Where more than one bid response is received, but the bids demonstrate that none of the bidders can comply with the requirements of this section.
- (f) City's authority to cancel contract. Nothing in this section shall be construed to limit the city's authority to cancel or terminate a contract, deny or withdraw approval to perform a subcontract or provide supplies, issue a non-responsibility finding, issue a non-responsiveness finding, deny a person or entity prequalification, or otherwise deny a person or entity city business.
- (g) Timing of application. This section shall be applicable only to covered contracts awarded pursuant to bids which are after the date when this section becomes effective.

CONE OF SILENCE AFFIDAVIT

STATE OF Florida)
 : SS
COUNTY OF Indian River)

I the undersigned hereby duly sworn depose and say that all owner(s), partners, officers, directors, employees and agents representing the firm of Coastal Technology Corporation have read and understand the limitations and procedures regarding communications concerning City of Key West issued competitive solicitations pursuant to City of Key West Ordinance Section 2-773 Cone of Silence (attached).

Charles T Fontaine III
Charles T Fontaine III

Sworn and subscribed before me this

7th Day of January, 2020.

Margot M. Holleran
NOTARY PUBLIC, State of _____ at Large

My Commission Expires: _____



Sec. 2-773. Cone of Silence

- (a) Definitions. For purposes of this section, reference to one gender shall include the other, use of the plural shall include the singular, and use of the singular shall include the plural. The following definitions apply unless the context in which the word or phrase is used requires a different definition:
- 1) *Competitive Solicitation* means a formal process by the City of Key West relating to the acquisition of goods or services, which process is intended to provide an equal and open opportunity to qualified persons and entities to be selected to provide the goods or services. Competitive Solicitation shall include request for proposals ("RFP"), request for qualifications ("RFQ"), request for letters of interest ("RFLI"), invitation to bid ("ITB") or any other advertised solicitation.
 - 2) *Cone of Silence* means a period of time during which there is a prohibition on communication regarding a particular Competitive Solicitation.
 - 3) *Evaluation or Selection Committee* means a group of persons appointed or designated by the City to evaluate, rank, select, or make a recommendation regarding a Vendor or the Vendor's response to the Competitive Solicitation. A member of such a committee shall be deemed a city official for the purposes of subsection (c) below.
 - 4) *Vendor* means a person or entity that has entered into or that desires to enter into a contract with the City of Key West or that seeks an award from the City to provide goods, perform a service, render an opinion or advice, or make a recommendation related to a Competitive Solicitation for compensation or other consideration.
 - 5) *Vendor's Representative* means an owner, individual, employee, partner, officer, or member of the board of directors of a Vendor, or a consultant, lobbyist, or actual or potential subcontractor or sub consultant who acts at the behest of a Vendor in communicating regarding a Competitive Solicitation.
- (b) Prohibited Communications: A Cone of Silence shall be in effect during the course of a Competitive Solicitation and prohibit:
- 1) Any communication regarding a particular Competitive Solicitation between a potential Vendor or Vendor's Representative and the City's administrative staff including, but not limited to, the city manager and his or her staff;

- 2) Any communication regarding a particular Competitive Solicitation between a potential Vendor or Vendor's Representative and the Mayor, City Commissioners, or their respective staff;
 - 3) Any communication regarding a particular Competitive Solicitation between a potential Vendor or Vendor's Representative and any member of a City evaluation and/or selection committee therefore; and
 - 4) Any communication regarding a particular Competitive Solicitation between the Mayor, City Commissioners, or their respective staff, and a member of a City evaluation and/or selection committee therefore.
- (c) Permitted Communications: Notwithstanding the foregoing, nothing contained herein shall prohibit:
- 1) Communication between members of the public who are not Vendors or a Vendor's representative and any city employee, official or member of the City Commission;
 - 2) Communications in writing at any time with any city employee, official or member of the City Commission, unless specifically prohibited by the applicable Competitive Solicitation.
 - (A) However, any written communication must be filed with the City Clerk. Any City employee, official or member of the City Commission receiving or making any written communication must immediately file it with the City Clerk.
 - (B) The City Clerk shall include all written communication as part of the agenda item when publishing information related to a particular Competitive Solicitation.
 - 3) Oral communications at duly noticed pre-bid conferences;
 - 4) Oral presentations before publically noticed evaluation and/or selection committees;
 - 5) Contract discussions during any duly noticed public meeting;
 - 6) Public presentations made to the City Commission or advisory body thereof during any duly noticed public meeting;

- 7) Contract negotiations with city staff following the award of a Competitive Solicitation by the City Commission; or
- 8) Purchases exempt from the competitive process pursuant to section 2-797 of these Code of Ordinances.

(d) Procedure

- 1) The Cone of Silence shall be imposed upon each Competitive Solicitation at the time of Public Notice of such solicitation as provided by section 2-826 of this Code. Public notice of the Cone of Silence shall be included in the notice of the Competitive Solicitation. The city manager shall issue a written notice of the release of each Competitive Solicitation to the affected departments, with a copy thereof to each Commission member, and shall include in any public solicitation for goods and services a statement disclosing the requirements of this ordinance.
- 2) The Cone of Silence shall terminate at the time the City Commission or other authorized body makes final award or gives final approval of a contract, rejects all bids or responses to the Competitive Solicitation, or takes other action which ends the Competitive Solicitation.
- 3) Any City employee, official or member of the City Commission that is approached concerning a Competitive Solicitation while the Cone of Silence is in effect shall notify such individual of the prohibitions contained in this section. While the Cone of Silence is in effect, any City employee, official or member of the City Commission who is the recipient of any oral communication by a potential Vendor or Vendor's Representative in violation of this section shall create a written record of the event. The record shall indicate the date of such communication, the persons with whom such communication occurred, and a general summation of the communication.

(e) Violations/penalties and procedures.

- 1) A sworn complaint alleging a violation of this ordinance may be filed with the City Attorney's office. In each such instance, an initial investigation shall be performed to determine the existence of a violation. If a violation is found to exist, the penalties and process shall be as provided in section 1-15 of this Code.

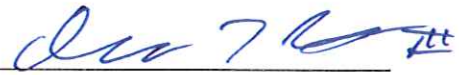
- 2) In addition to the penalties described herein and otherwise provided by law, a violation of this ordinance shall render the Competitive Solicitation void at the discretion of the City Commission.
- 3) Any person who violates a provision of this section shall be prohibited from serving on a City of Key West advisory board, evaluation and/or selection committee.
- 4) In addition to any other penalty provided by law, violation of any provision of this ordinance by a City of Key West employee shall subject said employee to disciplinary action up to and including dismissal.

If a Vendor is determined to have violated the provisions of this section on two more occasions it shall constitute evidence under City Code section 2-834 that the Vendor is not properly qualified to carry out the obligations or to complete the work contemplated by any new Competitive Solicitation. The City's Purchasing Agent shall also commence any available debarment from city work proceeding that may be available upon a finding of two or more violations by a Vendor of this section.

NON-COLLUSION AFFIDAVIT


STATE OF FLORIDA)
 :
SS COUNTY OF MONROE)

I, the undersigned hereby declares that the only persons or parties interested in this Proposal are those named herein, that this Proposal is, in all respects, fair and without fraud, that it is made without collusion with any official of the Owner, and that the Proposal is made without any connection or collusion with any person submitting another Proposal on this Contract.

By: 
Charles T Fontaine III

Sworn and subscribed before me this

7th day of January, 2020.


NOTARY PUBLIC, State of Florida at Large



MARGOT M HOLLERAN
Commission # GG 119038
Expires October 27, 2021
Bonded Thru Budget Notary Services

My Commission Expires: _____

CITY OF KEY WEST INDEMNIFICATION FORM

PROPOSER agrees to protect, defend, indemnify, save and hold harmless The City of Key West, all its Departments, Agencies, Boards, Commissions, officers, City's Consultant, agents, servants and employees, including volunteers, from and against any and all claims, debts, demands, expense and liability arising out of injury or death to any person or the damage, loss of destruction of any property which may occur or in any way grow out of any act or omission of the PROPOSER, its agents, servants, and employees, or any and all costs, expense and/or attorney fees incurred by the City as a result of any claim, demands, and/or causes of action except of those claims, demands, and/or causes of action arising out of the negligence of The City of Key West, all its Departments, Agencies, Boards, Commissions, officers, agents, servants and employees. The PROPOSER agrees to investigate, handle, respond to, provide defense for and defend any such claims, demand, or suit at its sole expense and agrees to bear all other costs and expenses related thereto, even if it (claims, etc.) is groundless, false or fraudulent. The City of Key West does not waive any of its sovereign immunity rights, including but not limited to, those expressed in Section 768.28, Florida Statutes.

These indemnifications shall survive the term of this agreement. In the event that any action or proceeding is brought against the City of Key West by reason of such claim or demand, PROPOSER shall, upon written notice from the City of Key West, resist and defend such action or proceeding by counsel satisfactory to the City of Key West.

The indemnification provided above shall obligate PROPOSER to defend at its own expense to and through appellate, supplemental or bankruptcy proceeding, or to provide for such defense, at the City of Key West's option, any and all claims of liability and all suits and actions of every name and description covered above which may be brought against the City of Key West whether performed by PROPOSER, or persons employed or utilized by PROPOSER.

The PROPOSER's obligation under this provision shall not be limited in any way by the agreed upon Contract Price as shown in this agreement, or the PROPOSER's limit of or lack of sufficient insurance protection.

COMPANY SEAL

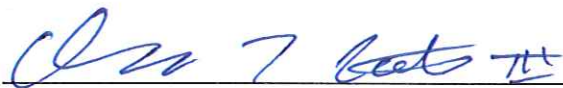
PROPOSER:

Coastal Technology Corporation

3625 20th Street, Vero Beach, FL 32960

Address

Signature



Charles T Fontaine

Print Name

1/7/2020

Date

Vice President

Title

RFQ ENVIRONMENTAL ENGINEERING SERVICES 2020

NOTARY FOR THE PROPOSER

STATE OF Florida

COUNTY OF Indian River

The foregoing instrument was acknowledged before me this 7th day of Jan, 2020. By CHARLES T. FONTAINE, III V.P. of Coastal Technology Corporation (Name of officer or agent, title of officer or agent) Name of corporation acknowledging)

or has produced ✓ as identification. FL. DRIVERS LICENCE

Margot M. Holleran

Signature of Notary



MARGOT M HOLLERAN
Commission # GG 119038
Expires October 27, 2021
Bonded Thru Budget Notary Services

Return Completed form with Print, Type or Stamp Name of Notary

Supporting documents to: City of Key West Purchasing

Title or Rank

-RESOLUTION-

BE IT RESOLVED by the Board of Directors of Coastal Technology Corporation organized and existing under the laws of the State of Florida, and domiciled in the City of Vero Beach, Florida that Charles T. Fontaine, III, P.E., Vice President in charge of Florida operations is hereby authorized and empowered to execute any and all proposals and contracts on behalf of the Corporation for consulting services in Florida.

-CERTIFICATE-

I, James S. Mitchell, Corporate Secretary do hereby certify that the foregoing resolution is a true and exact copy unanimously adopted by the Board of Directors of said Corporation at a meeting hereof legally held on the 8th day of January, 2019, that said resolution is duly entered into the records of said Corporation; that it has not been rescinded or modified; and that it is now in full force and effect.

IN TESTIMONY WHEREOF, I have hereunto set my hand of said Corporation this 31st day of December, 2019



James S. Mitchell, Corporate Secretary



THE CITY OF KEY WEST

Post Office Box 1409 Key West, FL 33041-1409 (305) 809-3883

ADDENDUM NO. 1

RFQ #20-002 ENVIRONMENTAL ENGINEERING SERVICES

This addendum is issued as supplemental information to the bid package for clarification of certain matters of both a general and a technical nature. The referenced Request for Qualifications (RFQ) package is hereby amended in accordance with the following items:

Responses to Requests for Information

1. Is there any chance for a deadline extension for RFQ 20-002 Environmental Engineering Services, considering the holidays?
a. The City prefers to maintain the current response date at this time.
2. Is there any way we can get a copy of the prior winning submittal(s)?
a. Yes, prior proposals attached to this addendum hereto.
3. Is this RFQ to replace an existing contract? If so, who are the incumbents?
a. Current contract holders; Tetra Tech; Atkins North America, Inc.
4. How much was spent during the previous contract term?
a. \$2,238,731 Total sum of all of the previous contracts.
5. Will resumes for key personnel apply toward the 20 page limit, or will you consider them in a manner similar to forms and affidavits and exclude them from the 20 page limit?
a. Names, job classifications, and qualifications of engineering personnel who will be assigned to perform services of this contract are included in the 20 page maximum.
6. May we use a copy of the City's logo within in our response?
a. Yes.
7. Will Key West accept proposals that address only coastal engineering (Scope Item B., page 8) or must the proposals include both environmental and coastal engineering (Scope Items A and B)?
a. Proposers will be allowed to submit qualification and proof of experience that documents qualifications for Coastal Engineering without Environmental Engineering.

All Proposers shall acknowledge receipt and acceptance of this Addendum by submitting the addendum with their proposal. Proposals submitted without acknowledgement or without this Addendum may be considered non-responsive.

A handwritten signature in blue ink, appearing to read "C. T. [unclear]", is written over a horizontal line.

Signature

Coastal Technology Corporation

Name of Business



THE CITY OF KEY WEST

Post Office Box 1409 Key West, FL 33041-1409 (305) 809-3883

ADDENDUM NO. 2

RFQ #20-002 ENVIRONMENTAL ENGINEERING SERVICES

This addendum is issued as supplemental information to the bid package for clarification of certain matters of both a general and a technical nature. The referenced Request for Qualifications (RFQ) package is hereby amended in accordance with the following items:

Responses to Requests for Information

1. Does the City prefer the one printed copy of the response to be bound or unbound?
a. There is no preference, responses may be bound or unbound.
2. With the looming holidays, does the City anticipate an extension to the deadline of January 8, 2020?
a. City prefers to maintain the current response date of January 08, 2020.
3. The RFQ, page 9, "Submissions Details," seventh bullet, references a few of the forms required for inclusion in the response, ending the sentence with "... for members of any team." Please clarify whether this phrase means that the following forms must be included for both the prime bidder AND proposed subconsultants in the response.
a. Signed forms will not be required from proposed subconsultants at this time.
4. There was an addendum posted for RFQ 20-002 Environmental Engineering Services, and question #2's answer states that prior proposals are attached to the addendum. However, I am not seeing those attached.
a. Attachment was not included by mistake and is now attached to this Addendum.

All Proposers shall acknowledge receipt and acceptance of this Addendum by submitting the addendum with their proposal. Proposals submitted without acknowledgement or without this Addendum may be considered non-responsive.

A handwritten signature in blue ink, appearing to read "Coastal Technology Corporation", is written over a horizontal line.

Signature

Coastal Technology Corporation

Name of Business



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

12/23/2019

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 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 ALEXANDER AND SANDERS INSURANCE AGENCY, INC. 4610 BLUEBONNET BLVD., SUITE A BATON ROUGE LA 70809 | | CONTACT NAME: Debbie Rachal PHONE (A/C, No, Ext): (225) 295-2995 E-MAIL ADDRESS: info@alexsand.com FAX (A/C, No): (225) 368-2145 | |
| INSURED GEC, Inc. P.O. Box 84010 Baton Rouge LA 70884 | | INSURER(S) AFFORDING COVERAGE INSURER A: CNA-Continental Insurance Co INSURER B: Travelers Property Casualty Co of Amer INSURER C: XL-XL Specialty Insurance Co INSURER D: INSURER E: INSURER F: | |
| | | NAIC # 35289 25674 37885 | |

COVERAGES**CERTIFICATE NUMBER:** 19/20 All**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.

| INSR LTR | TYPE OF INSURANCE | ADDL INSD | SUBR WVD | POLICY NUMBER | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS |
|----------|--|--|----------|---------------|-------------------------|-------------------------|--|
| A | COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER: | | | 6076172054 | 4/30/2019 | 4/30/2020 | EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 50,000 MED EXP (Any one person) \$ 15,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 |
| A | AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS | | | 6076172023 | 4/30/2019 | 4/30/2020 | COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ |
| | UMBRELLA LIAB EXCESS LIAB DED RETENTION \$ | | | | | | EACH OCCURRENCE \$ AGGREGATE \$ |
| B | WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below | Y/N <input checked="" type="checkbox"/> N | N/A | UB6N736825 | 1/1/2019 | 1/1/2020 | <input checked="" type="checkbox"/> PER STATUTE E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000 |
| C | PROFESSIONAL LIABILITY CLAIMS MADE FORM | | | DPR9941821 | 5/1/2019 | 5/1/2020 | PER CLAIM \$5,000,000 AGGREGATE \$5,000,000 |

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


CONSULTING ENGINEER - FOR PROFESSIONAL LIABILITY COVERAGE, THE AGGREGATE LIMIT IS THE TOTAL INSURANCE AVAILABLE FOR ALL COVERED CLAIMS PRESENTED WITHIN THE POLICY PERIOD. THE LIMIT WILL BE REDUCED BY PAYMENTS OF INDEMNITY AND EXPENSE. Certificate Holder is included as additional insured with waiver of subrogation on General and Automobile Liability as required by written contract. Waiver of subrogation included on Workers Compensation policy as required by written contract.


CERTIFICATE HOLDER**CANCELLATION**

| | |
|---|--|
| The City of Key West Attn: City Clerk 1300 White Street Key West, FL 33040 | 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 Wyatt Sanders/ATURN  |

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COMPANY LICENSES

 Ron DeSantis, Governor



STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE
PROVISIONS OF CHAPTER 471, FLORIDA STATUTES


COASTAL TECHNOLOGY CORPORATION

3625 20TH STREET
VERO BEACH FL 32960

LICENSE NUMBER: CA4195


EXPIRATION DATE: FEBRUARY 28, 2021


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.

 Ron DeSantis, Governor



STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE
PROVISIONS OF CHAPTER 471, FLORIDA STATUTES


GEC- GULF ENGINEERS & CONSULTANTS, INC.

8282 GOODWOOD BLVD.
BATON ROUGE LA 70806

LICENSE NUMBER: CA27657

EXPIRATION DATE: FEBRUARY 28, 2021

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.

COVER LETTER

TO: Amendment Section
Division of Corporations

SUBJECT: _____
Coastal Technology Corporation
Name of Corporation

DOCUMENT NUMBER: _____
H31695

The enclosed *Affidavit by Foreign Corporation to Change/Add Officer(s) and/or Director(s)* and fee are submitted for filing.

Please return all correspondence concerning this matter to the following:

Nicole Burnham

Name of Contact Person

G.E.C., Inc.

Firm/Company

8282 Goodwood Blvd.

Address

Baton Rouge, LA 70810

City/State and Zip Code

nburnham@gecinc.com

E-mail address: (to be used for future annual report notification)

For further information concerning this matter, please call:

Nicole Burnham

at (225) 612-4104

Name of Contact Person

Area Code & Daytime Telephone Number

Enclosed is a check made payable to the Florida Department of State for the following amount:

☒ \$35.00 Filing Fee

☐ \$43.75 Filing Fee &
Certificate of Status

☐ \$43.75 Filing Fee &
Certified Copy
(Additional copy is
enclosed)

☐ \$52.50 Filing Fee,
Certificate of Status &
Certified Copy (Additional
copy is enclosed)

Mailing Address:

Amendment Section
Division of Corporations
P.O. Box 6327
Tallahassee, FL 32314

Street Address:

Amendment Section
Division of Corporations
The Centre of Tallahassee
2415 N. Monroe Street, Suite 810
Tallahassee, FL 32303



FLORIDA DEPARTMENT OF STATE
DIVISION OF CORPORATIONS

**AFFIDAVIT BY FOREIGN CORPORATION TO CHANGE/ADD OFFICER(S)
AND/OR DIRECTOR(S)**

(Note: Applicable only during the first calendar year of qualification)

1. The name of the foreign corporation as it appears on the records of the Florida Department of State is:
Coastal Technology Corporation
2. This entity was authorized to transact business in Florida on 11/28/1984 and its Florida document
number is H31695
3. This corporation was formed under the laws of Florida
4. The name and address of each officer and/or director is as follows:

Title:

Owner

Name and Address

G.E.C., Inc.

8282 Goodwood Blvd.

Baton Rouge, LA 70806

Director

Cary Goss

8282 Goodwood Blvd.

Baton Rouge, LA 70806

President

Johnny B. Bradberry

8282 Goodwood Blvd.

Baton Rouge, LA 70806

Corporate Sec.

James S. Mitchell

8282 Goodwood Blvd.

Baton Rouge, LA 70806

(Attach additional pages if necessary)


Signature of an officer or director

James S. Mitchell

Typed or printed name of person signing

Corporate Secretary

Title of person signing

FILING FEE \$35

Make checks payable to Florida Department of State and Mail to:
Division of Corporations • PO Box 6327 • Tallahassee, FL 32314

4. Name and address for officer and/or director:

Title:

VP

Name and Address

Michael Walther

3625 20th Street

Vero Beach, FL 32960

COVER LETTER

TO: Amendment Section
Division of Corporations

SUBJECT: Coastal Technology Corporation
Name of Corporation

DOCUMENT NUMBER: H31695

The enclosed Statement of Change of Registered Office/Agent and fee are submitted for filing.

Please return all correspondence concerning this matter to the following:

Nicole Burnham

Name of Contact Person

G.E.C., Inc.

Firm/Company

8282 Goodwood Blvd.

Address

Baton Rouge, LA 70806

City/State and Zip Code

nburnham@gecinc.com

E-mail address: (to be used for future annual report notification)

For further information concerning this matter, please call:

Nicole Burnham

at (225) 612-4104

Name of Contact Person

Area Code & Daytime Telephone Number

Enclosed is a \$35.00 check made payable to the Department of State.

Mailing Address:

Amendment Section
Division of Corporations
P.O. Box 6327
Tallahassee, FL 32314

Street Address:

Amendment Section
Division of Corporations
The Centre of Tallahassee
2415 N. Monroe Street, Suite 810
Tallahassee, FL 32303

STATEMENT OF CHANGE OF REGISTERED OFFICE OR REGISTERED AGENT OR BOTH FOR CORPORATIONS

Pursuant to the provisions of sections 607.0502, 617.0502, 607.1508, or 617.1508, Florida Statutes, this statement of change is submitted for a corporation organized under the laws of the State of Florida in order to change its registered office or registered agent, or both, in the State of Florida.

1. The name of the corporation: Coastal Technology Corporation
2. The principal office address: 3625 20th Street, Vero Beach, FL 32960
3. The mailing address (if different): _____
4. Date of incorporation/qualification: 11/28/1984 Document number: H31695
5. The name and street address of the current registered agent and registered office on file with the Florida Department of State: (If resigned, enter resigned)

Verdi Adam

3625 20th Street

Vero Beach, FL 32960

6. The name and street address of the new registered agent (if changed) and /or registered office (if changed):

Johnny B. Bradberry

3625 20th Street

P.O. Box NOT acceptable

Vero Beach, FL 32960

The street address of its registered office and the street address of the business office of its registered agent, as changed will be identical.

Such change was authorized by resolution duly adopted by its board of directors or by an officer so authorized by the board, or the corporation has been notified in writing of the change.



Signature of an officer or director

James S. Mitchell Corporate Secretary

Printed or typed name and title

I hereby accept the appointment as registered agent and agree to act in this capacity. I further agree to comply with the provisions of all statutes relative to the proper and complete performance of my duties, and I am familiar with and accept the obligation of my position as registered agent. Or, if this document is being filed merely to reflect a change in the registered office address, I hereby confirm that the corporation has been notified in writing of this change.



Signature of Registered Agent

January 2, 2020

Date

If signing on behalf of an entity:

JOHNNY B. BRADBERRY

Typed or Printed Name

*** * * FILING FEE: \$35.00 * * ***

MAKE CHECKS PAYABLE TO FLORIDA DEPARTMENT OF STATE
MAIL TO: DIVISION OF CORPORATIONS, P.O. BOX 6327, TALLAHASSEE, FL 32314
CR2E045 (04/13)

COVER LETTER

TO: Amendment Section
Division of Corporations

SUBJECT: G.E.C.,Inc.
Name of Corporation

DOCUMENT NUMBER: F01000001024

The enclosed *Affidavit by Foreign Corporation to Change/Add Officer(s) and/or Director(s)* and fee are submitted for filing.

Please return all correspondence concerning this matter to the following:

Nicole Burnham

Name of Contact Person

G.E.C.,Inc.

Firm/Company

8282 Goodwood Blvd.

Address

Baton Rouge, LA 70810

City/State and Zip Code

nburnham@gecinc.com

E-mail address: (to be used for future annual report notification)

For further information concerning this matter, please call:

Nicole Burnham

at (225) 612-4104
Area Code & Daytime Telephone Number

Name of Contact Person

Enclosed is a check made payable to the Florida Department of State for the following amount:

☒ \$35.00 Filing Fee

☐ \$43.75 Filing Fee &
Certificate of Status

☐ \$43.75 Filing Fee &
Certified Copy
(Additional copy is
enclosed)

☐ \$52.50 Filing Fee,
Certificate of Status &
Certified Copy (Additional
copy is enclosed)

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Division of Corporations
P.O. Box 6327
Tallahassee, FL 32314

Street Address:

Amendment Section
Division of Corporations
The Centre of Tallahassee
2415 N. Monroe Street, Suite 810
Tallahassee, FL 32303



FLORIDA DEPARTMENT OF STATE
DIVISION OF CORPORATIONS

**AFFIDAVIT BY FOREIGN CORPORATION TO CHANGE/ADD OFFICER(S)
AND/OR DIRECTOR(S)**

(Note: Applicable only during the first calendar year of qualification)

1. The name of the foreign corporation as it appears on the records of the Florida Department of State is:
GEC- Gulf Engineers & Consultants, Inc.
2. This entity was authorized to transact business in Florida on 02/22/2001 and its Florida document
number is F01000001024
3. This corporation was formed under the laws of Louisiana
4. The name and address of each officer and/or director is as follows:

Title:

Director

Name and Address

Cary Goss

8282 Goodwood Blvd.

Baton Rouge, LA 70806

President

Johnny B. Bradberry

8282 Goodwood Blvd.

Baton Rouge, LA 70806

Corporate Sec.

James S. Mitchell

8282 Goodwood Blvd.

Baton Rouge, LA 70806

(Attach additional pages if necessary)

Signature of an officer or director

James S. Mitchell

Typed or printed name of person signing

Corporate Secretary

Title of person signing

FILING FEE \$35

Make checks payable to Florida Department of State and Mail to:
Division of Corporations • PO Box 6327 • Tallahassee, FL 32314

COVER LETTER

TO: Amendment Section
Division of Corporations

SUBJECT: GEC- Gulf Engineers & Consultants, Inc.
Name of Corporation

DOCUMENT NUMBER: F01000001024

The enclosed Statement of Change of Registered Office/Agent and fee are submitted for filing.

Please return all correspondence concerning this matter to the following:

Nicole Burnham

Name of Contact Person

G.E.C., Inc.

Firm/Company

8282 Goodwood Blvd.

Address

Baton Rouge, LA 70806

City/State and Zip Code

nburnham@gecinc.com

E-mail address: (to be used for future annual report notification)

For further information concerning this matter, please call:

Nicole Burnham

at (225) 612-4104

Name of Contact Person

Area Code & Daytime Telephone Number

Enclosed is a \$35.00 check made payable to the Department of State.

Mailing Address:

Amendment Section
Division of Corporations
P.O. Box 6327
Tallahassee, FL 32314

Street Address:

Amendment Section
Division of Corporations
The Centre of Tallahassee
2415 N. Monroe Street, Suite 810
Tallahassee, FL 32303

**STATEMENT OF CHANGE OF REGISTERED OFFICE OR REGISTERED AGENT OR BOTH
FOR CORPORATIONS**

Pursuant to the provisions of sections 607.0502, 617.0502, 607.1508, or 617.1508, Florida Statutes, this statement of change is submitted for a corporation organized under the laws of the State of Louisiana in order to change its registered office or registered agent, or both, in the State of Florida.

1. The name of the corporation: GEC- Gulf Engineers & Consultants, Inc.
2. The principal office address: 8282 Goodwood Blvd., Baton Rouge, LA 70806
3. The mailing address (if different): P.O. Box 84010, Baton Rouge, LA 70884
4. Date of incorporation/qualification: 02/22/2001 Document number: F01000001024
5. The name and street address of the current registered agent and registered office on file with the Florida Department of State: (If resigned, enter resigned)

Verdi Adam

841 Prudential Drive Suite 1213

Jacksonville, FL 32207

6. The name and street address of the new registered agent (if changed) and /or registered office (if changed):

Johnny B. Bradberry

3625 20th Street

P.O. Box NOT acceptable

Vero Beach, FL 32960

The street address of its registered office and the street address of the business office of its registered agent, as changed will be identical.

Such change was authorized by resolution duly adopted by its board of directors or by an officer so authorized by the board, or the corporation has been notified in writing of the change.

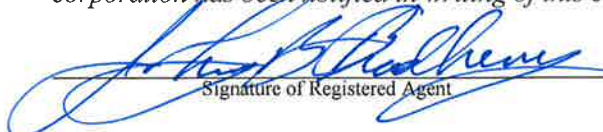


Signature of an officer or director

James S. Mitchell Corporate Secretary

Printed or typed name and title

I hereby accept the appointment as registered agent and agree to act in this capacity. I further agree to comply with the provisions of all statutes relative to the proper and complete performance of my duties, and I am familiar with and accept the obligation of my position as registered agent. Or, if this document is being filed merely to reflect a change in the registered office address, I hereby confirm that the corporation has been notified in writing of this change.



Signature of Registered Agent

January 2, 2020

Date

If signing on behalf of an entity:

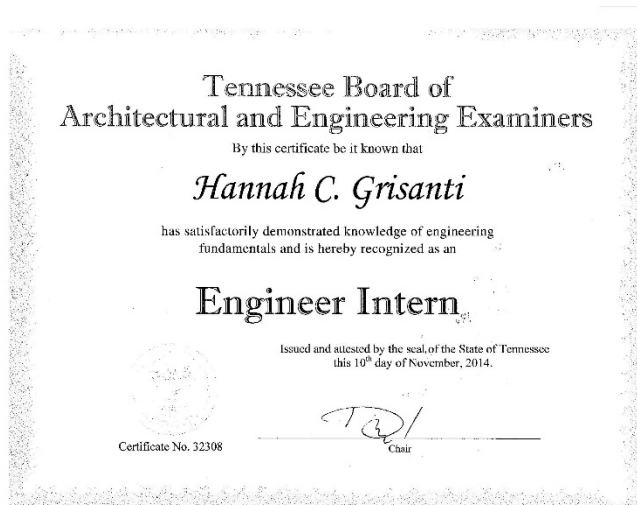
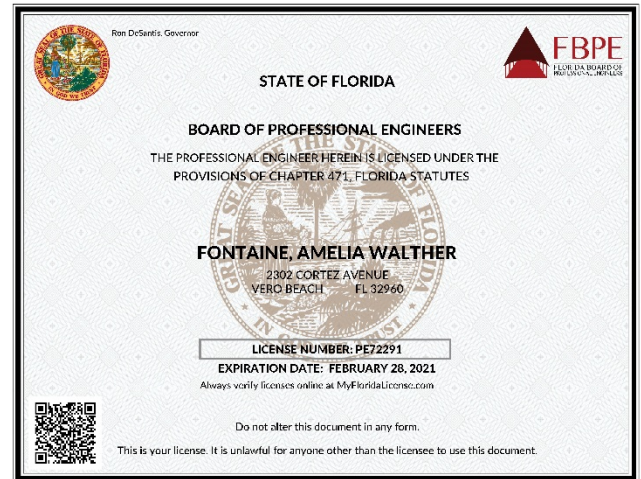
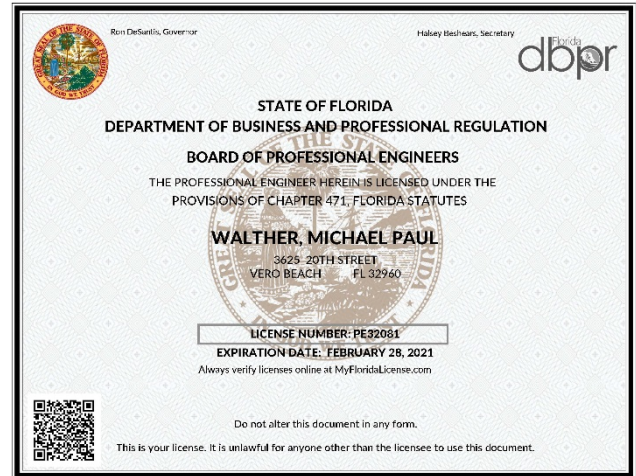
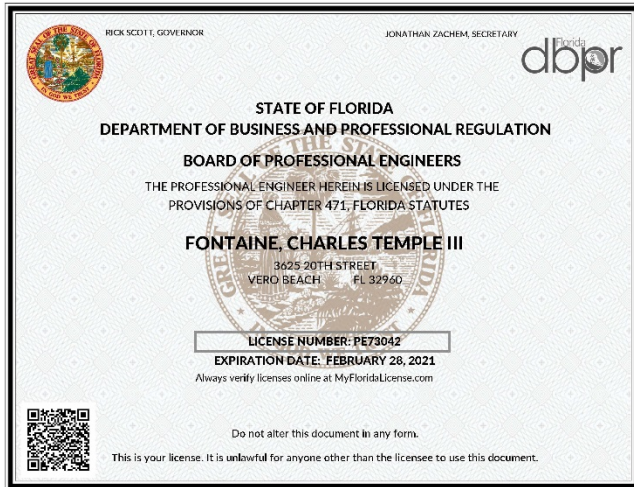
JOHNNY B. BRADBERRY

Typed or Printed Name

***** FILING FEE: \$35.00 *****

MAKE CHECKS PAYABLE TO FLORIDA DEPARTMENT OF STATE
MAIL TO: DIVISION OF CORPORATIONS, P.O. BOX 6327, TALLAHASSEE, FL 32314
CR2E045 (04/13)

STAFF LICENSES/CERTIFICATES





BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

LICENSING DETAILS FOR: 23436

NAME: NOBLE, RONALD MORGAN

LICENSE TYPE: CIVIL ENGINEER

LICENSE STATUS: CLEAR

ADDRESS

2420 MOUNTAIN RANCH RD
PETALUMA CA 94954
SONOMA COUNTY

[MAP](#)

ISSUANCE DATE

OCTOBER 5, 1973

EXPIRATION DATE

DECEMBER 31, 2021

CURRENT DATE / TIME

DECEMBER 26, 2019
9:27:19 AM

having given satisfactory evidence of professional qualifications in accordance with
the American Academy of Water Resources Engineers Bylaws
is awarded this Certificate of Special Knowledge and the credential of

Diplomate, Water Resources Engineer

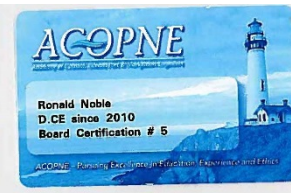
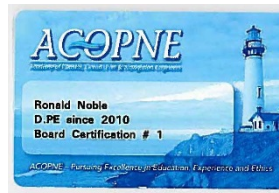
with all rights, privileges and responsibilities appertaining thereto.
In witness thereof, they issue this Certificate over the signature of the
President and the Secretary of the Academy this 19th day of May, 2013



Certificate Number
000631

President

Secretary



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

LICENSING DETAILS FOR: 52521

NAME: LU, CHIA CHI

LICENSE TYPE: CIVIL ENGINEER

LICENSE STATUS: CLEAR

ADDRESS

22931 SPRINGWATER
EL TORO CA 92630
ORANGE COUNTY

[MAP](#)

ISSUANCE DATE

JULY 8, 1994

EXPIRATION DATE

DECEMBER 31, 2020

CURRENT DATE / TIME

DECEMBER 26, 2019
9:25:32 AM



Licensee Details

| Licensee Information | |
|------------------------|--|
| Name: | REBELLO, KEITH JOSEPH (Primary Name) |
| Main Address: | 1749 PERENNIAL LN E BATON ROUGE Louisiana 70810 |
| County: | OUT OF STATE |
| License Mailing: | 1749 PERENNIAL LN E BATON ROUGE LA 70810 |
| LicenseLocation: | |
| License Information | |
| License Type: | Professional Engineer |
| Rank: | Prof Engineer |
| License Number: | 77988 |
| Status: | Current,Active |
| Licensure Date: | 08/12/2014 |
| Expires: | 02/28/2021 |
| Special Qualifications | Qualification Effective |
| Civil | 08/12/2014 |
| Alternate Names | |
| | |

Licensee Details

| Licensee Information | |
|------------------------|--|
| Name: | RAMARAJU VENKATA, VARAPRASAD V. (Primary Name) |
| Main Address: | 15422 GREEN TRAILS BLVD BATON ROUGE Louisiana 70817 |
| County: | OUT OF STATE |
| License Mailing: | |
| LicenseLocation: | |
| License Information | |
| License Type: | Professional Engineer |
| Rank: | Prof Engineer |
| License Number: | 81068 |
| Status: | Current,Active |
| Licensure Date: | 05/11/2016 |
| Expires: | 02/28/2021 |
| Special Qualifications | Qualification Effective |
| Structural 1 | 05/11/2016 |
| Alternate Names | |
| | |
| | |