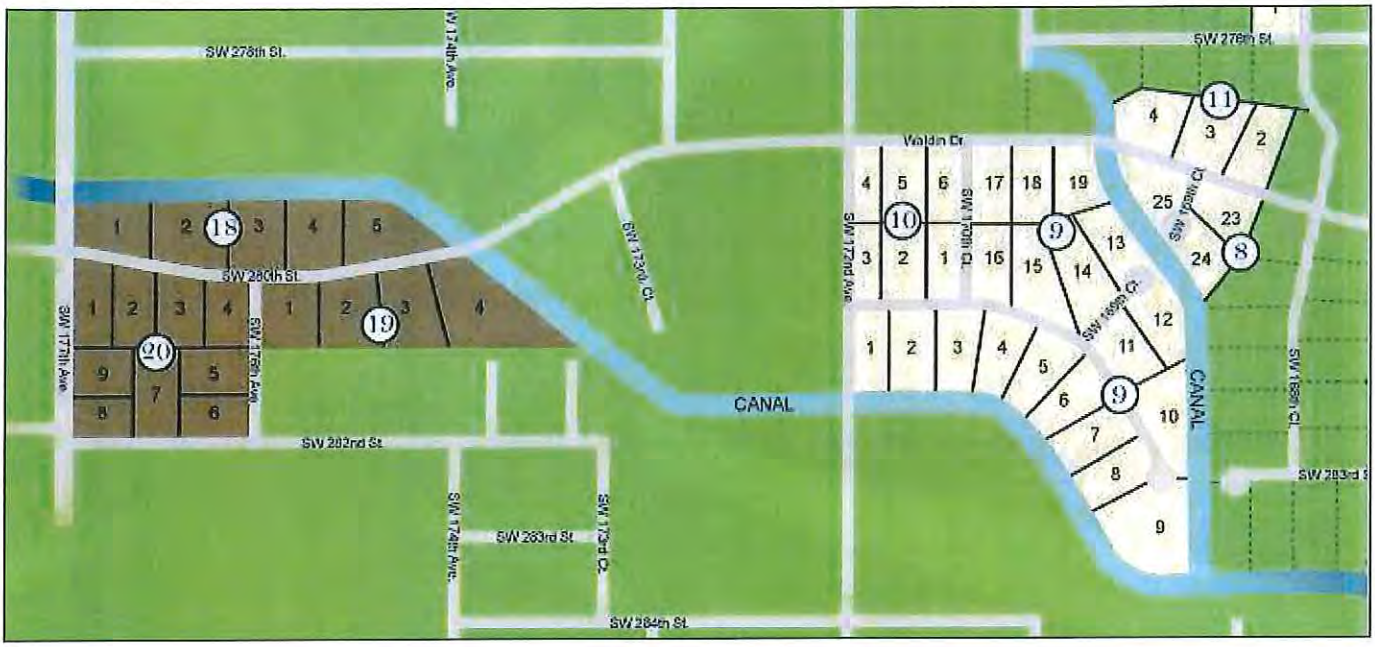
Redland Ranches - Perimeter Streets and Infrastructure



DESCRIPTION

Redland Ranches Development is a new community in South Dade that features luxurious home choices. The property is encompassed by new roadway, utilities and streetscape infrastructure designed and constructed to all regulating jurisdictional criteria applicable to land and site development in Miami-Dade County. The project features the complete development of single family home subdivision including all infrastructure, utilities, interior, roads, landscape and lot development. The project's infrastructure was completed under the jurisdiction of Miami-Dade County Public Works and Miami-Dade County Water and Sewer Department.

INNOVATIVE APPROACHES:

Worked with difficult site conditions to create efficient street system and infrastructure solutions.

COST SAVINGS MEASURES:

Utilized Company Owned Equipment.
No leased equipment utilized.

LITIGATION HISTORY:

None

Shores Development, Inc.

- [x] PRIME CONTRACTOR
- [ ] PRIME CONSULTANT
- [ ] SUB CONTRACTOR
- [ ] SUB CONSULTANT

OWNER (PUBLIC OR PRIVATE ORGANIZATION):

Land Baron, LLC

REPRESENTATIVE/CONTACT NAME & TITLE:

Wayne Rosen

ADDRESS/TEL/FAX/EMAIL:

277 Galeon Court
Coral Gables, Fl 33143
305-796-9874

TOTAL CONSTRUCTION BUDGET:

$1.5 Million

PROJECT PERFORMANCE:

Completed on time and on budget
No Change Orders

City of Opa-locka Forcemain Infrastructure Improvements

DESCRIPTION

Scope of work for this City of Opa-locka Design-Build included the total reconstruction of Alexandria Avenue south of NW 135 Street. The work included installation of sidewalks, curbs, a new drainage system and a new sewer lift station. Also included was the repair and re-lining of the existing sanitary sewer system, gravity and force mains.

INNOVATIVE APPROACHES:

Dedicated Resources to fast track project.

COST SAVINGS MEASURES:

Utilized Company Owned Equipment.
No leased equipment utilized.

LITIGATION HISTORY:

None

CENTRAL FLORIDA EQUIPMENT
305-888-3344

☒ PRIME CONTRACTOR ☐ PRIME CONSULTANT

☐ SUB CONTRACTOR ☐ SUB CONSULTANT

OWNER (PUBLIC OR PRIVATE ORGANIZATION):

City of Opa-Locka

REPRESENTATIVE/CONTACT NAME & TITLE:

Aira Austin, Project Manager

ADDRESS/TEL/FAX/EMAIL:

(305) 321-2595

TOTAL CONSTRUCTION BUDGET:

$800,000

PROJECT PERFORMANCE:

Completed on time and on budget
No Change Orders

Lower North Bay Road Neighborhood Improvements

DESCRIPTION

Design-Build project for the City of Miami Beach. Scope of work included:

- 5,840 linear feet of 12" water main
- 1,340 linear feet of 8" water main
- One hundred and fifty-six 2" services
- 12 fire hydrants
- Several utility relocations

The project also included the total reconstruction of Lower North Bay Road from Chase Avenue to West 20 Street, approximately one mile in length. The work commenced on July, 2014 and is currently on-going.

INNOVATIVE APPROACHES:

Team Service Duplication to fast track project.

COST SAVINGS MEASURES:

Utilize resources with familiarity with local conditions.

LITIGATION HISTORY:

None

CENTRAL FLORIDA EQUIPMENT
305-888-3344

☒ PRIME CONTRACTOR ☐ PRIME CONSULTANT

☐ SUB CONTRACTOR ☐ SUB CONSULTANT

OWNER (PUBLIC OR PRIVATE ORGANIZATION):

City of Miami Beach

REPRESENTATIVE/CONTACT NAME & TITLE:

Carla Dixon, Project Manager

ADDRESS/TEL/FAX/EMAIL:

(305) 673-7071

TOTAL CONSTRUCTION BUDGET:

$10.1 Million

PROJECT PERFORMANCE:

Completion is on time & under budget
No Change Orders

US1 Bus Lanes Segment II (Homestead-Florida City, FL)

DESCRIPTION

Construction of approximately 6.2 miles of new 2-3 lane roadway including storm drainage, earthwork, soil contamination remediation, paving, curbing and walks, signal and lighting, striping and signage, and landscaping. The reconstruction of major intersection and parts of adjacent roadways. Construction of two bridges and seventeen (17) bus shelters.

INNOVATIVE APPROACHES:
Detailed M.O.T Implemented.

COST SAVINGS MEASURES:
Avoided Leasing Equipment.

LITIGATION HISTORY:
None

CENTRAL FLORIDA EQUIPMENT
305-888-3344

- [x] PRIME CONTRACTOR
- [ ] PRIME CONSULTANT
- [ ] SUB CONTRACTOR
- [ ] SUB CONSULTANT

OWNER (PUBLIC OR PRIVATE ORGANIZATION):
Miami County Dade Transit

REPRESENTATIVE/CONTACT NAME & TITLE:
John Pistorino, Project Manager

ADDRESS/TEL/FAX/EMAIL:
305-669-2700

TOTAL CONSTRUCTION BUDGET:
$36.5 Million

PROJECT PERFORMANCE:
Completed on time, under budget
No Change Orders

Sistrunk Blvd. Streetscape and Enhancement Project

DESCRIPTION

Modification of NE/NW 6th Street (Sistrunk Blvd.) from Federal Highway (US 1) to Northwest 24th Avenue (City Limit). Including installation of water lines, sanitary sewer system, drainage system modification, force main abandonment, under grounding of existing over head utilities, construction of concrete and paver sidewalks, installation of textured decorative asphalt at cross walks and intersections, installation of landscaping and irrigation system, modification of traffic signs and signals, installation of street and pedestrian lighting and installation of bus shelters.

INNOVATIVE APPROACHES:

Detail M.O.T Implemented.

COST SAVINGS MEASURES:

Utilized Multi-capability Crews.

LITIGATION HISTORY:

None

CENTRAL FLORIDA EQUIPMENT
305-888-3344

☒ PRIME CONTRACTOR ☐ PRIME CONSULTANT

☐ SUB CONTRACTOR ☐ SUB CONSULTANT

OWNER (PUBLIC OR PRIVATE ORGANIZATION):

City of Fort Lauderdale

REPRESENTATIVE/CONTACT NAME & TITLE:

Mark Friedman

ADDRESS/TEL/FAX/EMAIL:

(954) 828-5952, mfriedman@fortlauderdale.gov

TOTAL CONSTRUCTION BUDGET:

$12.9 Million

PROJECT PERFORMANCE:

Completed on time, under budget
No Change Orders

FAU Boulevard North Expansion

DESCRIPTION

In response to student population increases, the north end of the Florida Atlantic University's (FAU) main campus is becoming a more important access and relief point. Plans for the FAU Stadium and the increased housing require the construction of a four lane road connecting Lee Street and Spanish River Boulevard, as this will one day enable access to a proposed I-95 exit ramp. FAU's new North Expansion roadway project consists of a new four lane roadway and associated edge of roadway pedestrian facilities and underground infrastructure to support the roadway function. Among the other objectives of the project, this new roadway segment allows for a stronger connection from Lee Street to Spanish River Boulevard as an additional entrance/ exit and relief to Glades Road traffic.

INNOVATIVE APPROACHES:

Efficient M.O.T., worked around heavy traffic periods.

COST SAVINGS MEASURES:

Utilized Local based Subcontractors.

LITIGATION HISTORY:

None

CENTRAL FLORIDA EQUIPMENT
305-888-3344

- [x] PRIME CONTRACTOR
- [ ] PRIME CONSULTANT
- [ ] SUB CONTRACTOR
- [ ] SUB CONSULTANT

OWNER (PUBLIC OR PRIVATE ORGANIZATION):

Florida Atlantic University

REPRESENTATIVE/CONTACT NAME & TITLE:

Chris Long, Operations Director

ADDRESS/TEL/FAX/EMAIL:

(954) 495-1543

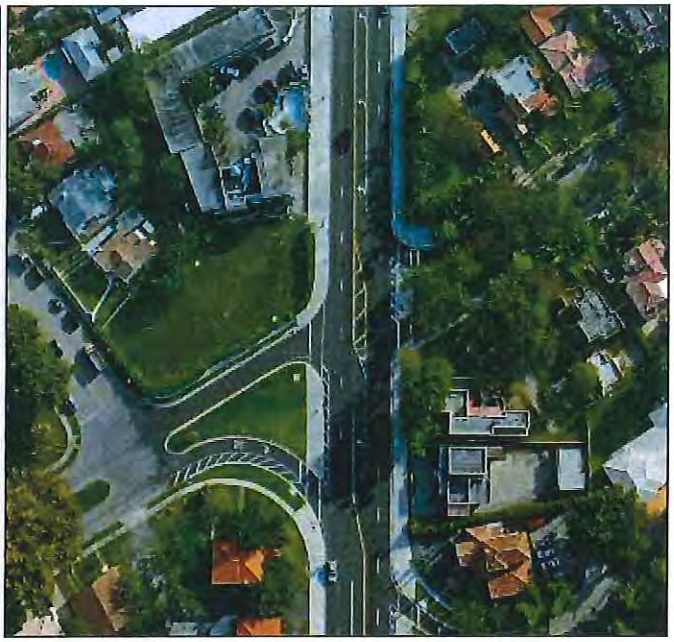
TOTAL CONSTRUCTION BUDGET:

$5.2 Million

PROJECT PERFORMANCE:

Completed on time, under budget
No Change Orders

Biscayne Boulevard (SR-5) Reconstruction (from NE 37th Street To NE 67th Street)



DESCRIPTION

Complete removal and reconstruct approximately 2 miles of new 4 lane highway, including new storm drainage, earthwork, paving, curb and sidewalk, sod, signalization, striping and signage.

INNOVATIVE APPROACHES:

Self Perform majority of work

COST SAVINGS MEASURES:

Utilized Company owned Equipment.

LITIGATION HISTORY:

None

CENTRAL FLORIDA EQUIPMENT
305-888-3344

☒ PRIME CONTRACTOR ☐ PRIME CONSULTANT

☐ SUB CONTRACTOR ☐ SUB CONSULTANT

OWNER (PUBLIC OR PRIVATE ORGANIZATION):

State of Florida Department of Transportation

REPRESENTATIVE/CONTACT NAME & TITLE:

Mario Cabrera, District Construction Engineer

ADDRESS/TEL/FAX/EMAIL:

(305) 640-7445

TOTAL CONSTRUCTION BUDGET:

$13.1 Million

PROJECT PERFORMANCE:

Completed on time, under budget
No Change Orders

Biscayne Point Streetscape Improvements

DESCRIPTION

The city of Miami Beach (CITY) developed its multi-million dollar, multi-year "Planned Progress" Capital Improvement Program to rebuild the City's existing roads, infrastructure, utilities, parks and facilities, and to build new capital projects where they are needed. The Program drastically improves the quality of life of the City's residents and complement the enormous amount of private reinvestment that has taken place in the City. The Biscayne Point Neighborhood ROW Improvement Project encompasses targeted streetscape, storm water and water supply improvements. The scope of underground / below ground infrastructure works and professional services include, but is not be limited to, surveying, geotechnical investigations, engineering, design, technical specifications, permitting, construction oversight for the implementation replacement of existing infrastructure.

INNOVATIVE APPROACHES:

Utilized multiple production teams.
Project phased to ensure efficient delivery.

COST SAVINGS MEASURES:

Optimized Drainage Solutions by looking utilizing "complete systems" approach.

LITIGATION HISTORY:

None

EAC Consulting, Inc.

☐ PRIME CONTRACTOR ☒ PRIME CONSULTANT

☐ SUB CONTRACTOR ☐ SUB CONSULTANT

OWNER (PUBLIC OR PRIVATE ORGANIZATION):

City of Miami Beach

REPRESENTATIVE/CONTACT NAME & TITLE:

David Martinez, P.E. LEED AP
Director of City of Miami Beach CIP

ADDRESS/TEL/FAX/EMAIL:

(305) 673-7000 Ext. 6972
davidmartinez@miamibeachfl.gov

TOTAL CONSTRUCTION BUDGET:

$12 Million

PROJECT PERFORMANCE:

Completed on time and on budget
No Change Orders

NW South River Drive Streetscape Improvements

DESCRIPTION

EAC Consulting provided civil engineering services for the pre-engineering coordination, design, plans preparation, and engineer's opinion cost estimate for NW South River Drive from NW 72 Avenue to NW 74th Street. Project included design of approximately 3,000 linear feet of new 12 inch diameter watermain along with new water service connections to all homes along the project corridor design of stormwater drainage system roadway design and intersection design including roadway slope transition from crowned to mono-slope or super-elevated road and engineer's opinion of probable cost. This project is part of a larger set of city-wide re-development projects Town of Medley which have this road as the main point of entrance into the town's residential neighbourhood and was developed following a very aggressive, fast-tracked design schedule.

INNOVATIVE APPROACHES:
Converted standard curb structures for use below sidewalks.

COST SAVINGS MEASURES:
Design Approach avoided impacts to major utility piping within corridor.

LITIGATION HISTORY:
None

EAC Consulting, Inc.

☐ PRIME CONTRACTOR ☒ PRIME CONSULTANT

☐ SUB CONTRACTOR ☐ SUB CONSULTANT

OWNER (PUBLIC OR PRIVATE ORGANIZATION):
Town of Medley

REPRESENTATIVE/CONTACT NAME & TITLE:
Jorge Corzo, PE

ADDRESS/TEL/FAX/EMAIL:
305-887-9541, jcorzo@townofmedley.com

TOTAL CONSTRUCTION BUDGET:
$3.3 Million

PROJECT PERFORMANCE:
Completed on time and on budget
No Change Orders

Greynolds Park Frontage Improvements

DESCRIPTION

EAC is providing civil engineering for the Greynolds Park Renovations and Improvements project. The project scope consists of building renovations that include the caretaker's cottage with the associated maintenance area and the fire station building, restoration of historic features that include the park's east entrance, pedestrian, and vehicular bridges, new west entrance to match the restoration of the east entrance, natural areas restoration including the evaluation of existing culverts, beautification of the Miami Gardens Drive frontage (a rock wall, picket fence and landscaping), and general repair and restoration of park pathways and roadways).

INNOVATIVE APPROACHES:
Utilized Electronic Repository to share design files and facilitate efficient production / delivery.

COST SAVINGS MEASURES:
Detailed As-built Research and Review due to age and history of existing facilities.

LITIGATION HISTORY:
None

EAC Consulting, Inc.

☐ PRIME CONTRACTOR ☐ PRIME CONSULTANT

☐ SUB CONTRACTOR ☒ SUB CONSULTANT

OWNER (PUBLIC OR PRIVATE ORGANIZATION):
Miami Dade Parks Recreation & Open Spaces (PROS)

REPRESENTATIVE/CONTACT NAME & TITLE:
Adelfa Martinez

ADDRESS/TEL/FAX/EMAIL:
305-755-5456, adelfam@miamidade.gov

TOTAL CONSTRUCTION BUDGET:
$3.5 Million

PROJECT PERFORMANCE:
Completed on time and on budget
No Change Orders

SW 66th Court Streetscape Improvements

DESCRIPTION

EAC Consulting was selected by the City of South Miami to prepare 100% engineering drawings for the SW 66 Street Improvements - Phase II; from SW 59th Place to SW 61 Court. The scope of the project featured roadway related improvements which included milling and resurfacing of the existing street, curb and gutter replacements, drainage and utility adjustments to improve service. Sidewalk widening, brick pavers, concrete crosswalks, landscaping irrigation and pavement signings and markings were additional engineering services provided. Plans were developed with South Miami Public Works Department criteria, Miami-Dade County Public Works Department and the Miami-Dade Department of Environmental Resource Management (DERM) criteria.

INNOVATIVE APPROACHES:

Liaise with Regulatory Jurisdiction to reduce extensive requirements imposed on project.

COST SAVINGS MEASURES:

Designed to match minimum regulatory requirements

LITIGATION HISTORY:

None

EAC Consulting, Inc.

☐ PRIME CONTRACTOR ☒ PRIME CONSULTANT

☐ SUB CONTRACTOR ☐ SUB CONSULTANT

OWNER (PUBLIC OR PRIVATE ORGANIZATION):

City of South Miami

REPRESENTATIVE/CONTACT NAME & TITLE:

Grizel Martinez

ADDRESS/TEL/FAX/EMAIL:

305-403-2078, gmartinez@southmiami.fl.gov

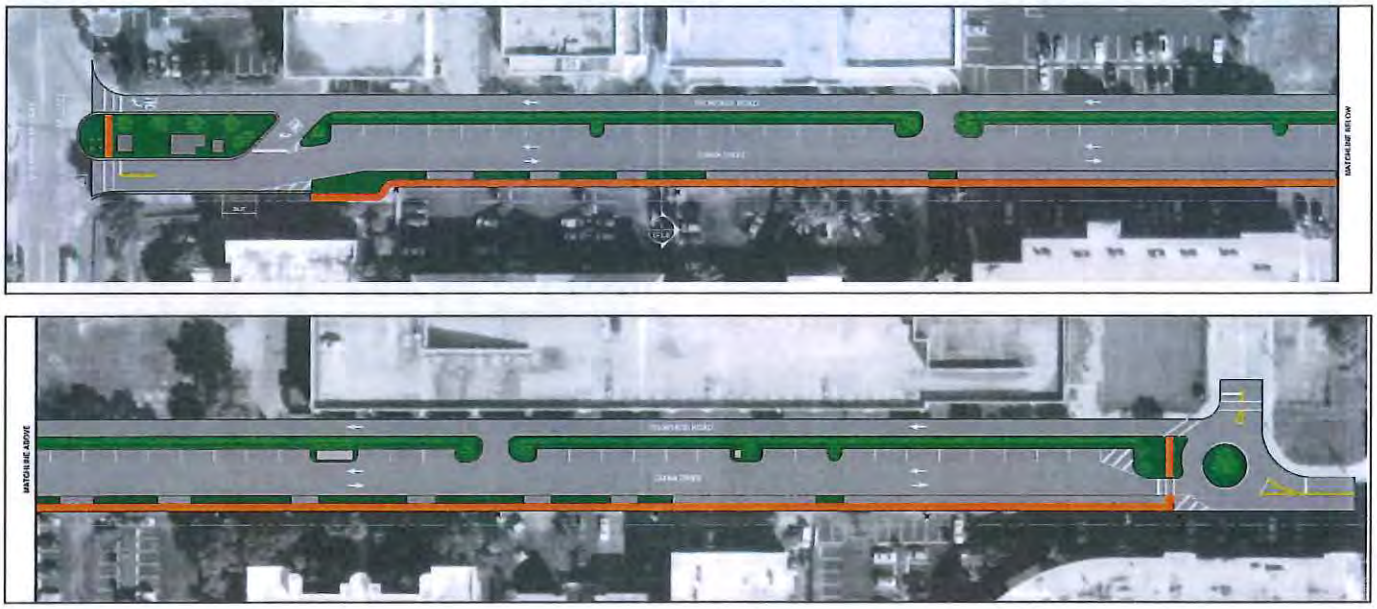
TOTAL CONSTRUCTION BUDGET:

$400,000

PROJECT PERFORMANCE:

Completed on time and on budget
No Change Orders

Diana Drive Improvements



DESCRIPTION

The City of Hallandale Beach retained the services of EAC Consulting, Inc. (EAC) to perform a traffic study and develop design concepts for the Diana Drive Roadway Improvements Project. The limits of the Project included both Diana Drive and a parallel Frontage Road located just north of Diana Drive, from Golden Isles Drive to SE 26th Street. The length of the project is approximately 1,715 linear feet. The objectives of the proposed concepts were to analyzed both the existing and proposed traffic conditions, maximize parking, create landscaping opportunities, provide ADA access and pedestrian sidewalk by promoting a safe environment for vehicular and pedestrian traffic.

INNOVATIVE APPROACHES:

Maximized Right of Way to create maximum function for desired Typical Section.

COST SAVINGS MEASURES:

Avoided full Reconstruction where possible

LITIGATION HISTORY:

None

EAC Consulting, Inc.

☐ PRIME CONTRACTOR	☒ PRIME CONSULTANT
☐ SUB CONTRACTOR	☐ SUB CONSULTANT

OWNER (PUBLIC OR PRIVATE ORGANIZATION):

City of Hallandale Beach

REPRESENTATIVE/CONTACT NAME & TITLE:

Mariana Patiriciu

ADDRESS/TEL/FAX/EMAIL:

954-457-3042, mpitiriciu@hallandalebeachfl.gov

TOTAL CONSTRUCTION BUDGET:

$1 Million

PROJECT PERFORMANCE:

Completed on time and on budget
No Change Orders

FLL Westside Transmission Main Improvements

DESCRIPTION

EAC was responsible for providing professional engineering design services for water transmission and distribution improvements within the airport service area and satisfying fire flow and potable demand needs. The new west side alignment includes a total of ultimately requires the design of a new segment of approximately 4,300 LF of 30-inch, 24-inch and 16-inch Ductile Iron and High Density Polyethylene Transmission water main pipeline. Included in this project is a 650 feet segment of 30-inch Pipeline Horizontal Directional Drilling (HDD) trenchless pipe construction required to traverse the pipeline across Lee Wagener Boulevard (SW 41st Court) a major heavy traffic roadway/thoroughfare corridor within the airport congested with major utilities and airport operational infrastructure.

INNOVATIVE APPROACHES:

Designed Trenchless Segment by Utilizing Plastic Pipe material based software package

COST SAVINGS MEASURES:

Avoided extensive Roadway Reconstruction

LITIGATION HISTORY:

None

EAC Consulting, Inc.

☐ PRIME CONTRACTOR ☒ PRIME CONSULTANT

☐ SUB CONTRACTOR ☐ SUB CONSULTANT

OWNER (PUBLIC OR PRIVATE ORGANIZATION):

Broward County WWS / Broward County AD

REPRESENTATIVE/CONTACT NAME & TITLE:

Carlos Hernandez, PE, Project Manager 3

ADDRESS/TEL/FAX/EMAIL:

2200 SW 45th Street, Suite #101
Dania Beach, FL 33312
(954) 359-2255
cahernandez@broward.org

TOTAL CONSTRUCTION BUDGET:

$1.8 Million

PROJECT PERFORMANCE:

Completed on time and on budget
No Change Orders

Shenandoah Neighborhood (Phase A) Watermain Improvements

DESCRIPTION

EAC is responsible for the replacement of undersized and deteriorated water mains to improve system pressure and provide fire flow protection, and for water service conversions in the Shenandoah Area of the City of Miami. Approximately 38,900 linear feet of 8-inch and 1,100 linear feet of 6-inch ductile iron water main pipe and fittings are involved in this project. The project also requires fire hydrant assemblies with guard posts; approximately 1,160 water services; 761 water service conversions from rear of property to front of property to include all required piping, fittings and accessories, testing and restoration within private property including providing safety and protection of homeowner's property.

INNOVATIVE APPROACHES:

Phased project into multiple design packages to expedite construction.

COST SAVINGS MEASURES:

Set vertical alignment of pipe to avoid impacts to existing sewer laterals, yet maintaining minimum requirements

LITIGATION HISTORY:

None

EAC Consulting, Inc.

☐ PRIME CONTRACTOR ☒ PRIME CONSULTANT

☐ SUB CONTRACTOR ☐ SUB CONSULTANT

OWNER (PUBLIC OR PRIVATE ORGANIZATION):

Miami Dade Water and Sewer Department

REPRESENTATIVE/CONTACT NAME & TITLE:

Miguel Pichardo, PE

ADDRESS/TEL/FAX/EMAIL:

786-552-8146, mpich@miamidade.gov

TOTAL CONSTRUCTION BUDGET:

$11 Million

PROJECT PERFORMANCE:

Completed on time and on budget
No Change Orders

Old Cutler Road Improvements

DESCRIPTION

This project was for improvements to the portion of historic Old Cutler Road between SW 97th Avenue and SW 87th Avenue. The project consisted of roadway improvements, traffic circles, pavement resurfacing, sidewalks, drainage facilities, medians, landscaping and lighting. Old Cutler Road is designated a historic roadway which required all improvements to respect the existing roadway footprint, thus limiting the modification and/or additional widening of the road. The configuration design for Old Cutler Road included roundabouts at each end of the corridor for traffic calming and beautification.

INNOVATIVE APPROACHES:

The landscape design implemented a program developed by Fairchild Tropical Gardens called "Connect to Protect". The program was intended to repopulate the native pineland canopy in South Dade by planting "ribbons" of pineland indicator species between remaining pinelands.

COST SAVINGS MEASURES:

Used mainly native plant species to reduce maintenance costs

LITIGATION HISTORY:

None

ROSENBERG GARDNER DESIGN
LANDSCAPE ARCHITECTURE / LAND PLANNING

☐ PRIME CONTRACTOR ☐ PRIME CONSULTANT

☐ SUB CONTRACTOR ☒ SUB CONSULTANT

OWNER (PUBLIC OR PRIVATE ORGANIZATION):

Town of Cutler Bay

REPRESENTATIVE/CONTACT NAME & TITLE:

Rafael Casals

ADDRESS/TEL/FAX/EMAIL:

(305) 234-4262

TOTAL CONSTRUCTION BUDGET:

$6.6 million

PROJECT PERFORMANCE:

Completed on time and on budget
No Change Orders

Harding Avenue Downtown Streetscape Improvements

DESCRIPTION

The project scope was for the beautification of the Town's Downtown District which would be the catalyst for its future development. The project encompassed two city blocks from 96th Street to 94th Street along Collins Avenue. The improvements consisted of replacing the existing palms with new Medjool Date Palms and also included the addition of palms where none previously existed. The plan also featured up-lighting and seasonal lighting for the new palms, and pocket parks at mid-block crossings and street corners.

INNOVATIVE APPROACHES:

Additional seasonal landscaping was added along with street furnishings and wider green areas while maintaining the existing sidewalk clear path areas, thus providing a pleasant pedestrian experience. All hardscape design was configured in a way to maximize outdoor dining opportunities.

COST SAVINGS MEASURES:

Utilized Native Planting Species

LITIGATION HISTORY:

None

ROSENBERG GARDNER DESIGN
LANDSCAPE ARCHITECTURE / LAND PLANNING

☐ PRIME CONTRACTOR ☒ PRIME CONSULTANT

☐ SUB CONTRACTOR ☐ SUB CONSULTANT

OWNER (PUBLIC OR PRIVATE ORGANIZATION):

Town of Surfside

REPRESENTATIVE/CONTACT NAME & TITLE:

Duncan Tavares

ADDRESS/TEL/FAX/EMAIL:

(305) 861-4863

TOTAL CONSTRUCTION BUDGET:

$800,000

PROJECT PERFORMANCE:

Completed on time and on budget
No Change Orders

Caribbean Boulevard Roadway Improvements

DESCRIPTION

The project consisted of roadway improvements, two traffic circles, pavement reconstruction, curbwork, sidewalks, drainage facilities, medians, turn lanes, landscaping and roadway lighting. This portion of Caribbean Boulevard, between Coral Sea Road and SW 87th Avenue, was primarily a residential road. The proposed design configuration for Caribbean Boulevard included traffic-calming roundabouts at Gulf Stream Road and SW 192 Drive, and beautification through landscaped medians and islands.

INNOVATIVE APPROACHES

RGD evaluated the existing vegetation and determined the best way to create a cohesive design and allow as much of the existing landscape as possible to remain. New trees and palms were proposed to enhance the design.

COST SAVINGS MEASURES:

Used mainly native plant species to reduce maintenance costs

LITIGATION HISTORY:

None

ROSENBERG GARDNER DESIGN
LANDSCAPE ARCHITECTURE / LAND PLANNING

☐ PRIME CONTRACTOR ☐ PRIME CONSULTANT

☐ SUB CONTRACTOR ☒ SUB CONSULTANT

OWNER (PUBLIC OR PRIVATE ORGANIZATION):

Town of Cutler Bay

REPRESENTATIVE/CONTACT NAME & TITLE:

Rafael Casals

ADDRESS/TEL/FAX/EMAIL:

(305) 234-4262

TOTAL CONSTRUCTION BUDGET:

$8 Million

PROJECT PERFORMANCE:

Completed on time and on budget
No Change Orders

Golden Beach and SR A1A

ROSENBERG GARDNER DESIGN
LANDSCAPE ARCHITECTURE / LAND PLANNING

☐ PRIME CONTRACTOR ☒ PRIME CONSULTANT

☐ SUB CONTRACTOR ☐ SUB CONSULTANT

DESCRIPTION:

This project was for the rehabilitation of the existing landscaping design in the medians for A1A through Golden Beach. RGD prepared planting and irrigation designs in an effort to create a sense of arrival for the Town residents, and completely renovated the look of the landscape. This was done by the removal of the landscape and replacing it with a continuous 1-1/2 mile line of uplit Medjool Date Palms. At the north and south Town limits, welcome signs were designed and added to the plans.

INNOVATIVE APPROACHES:

Extensive Coordination with Responsible Jurisdictions

COST SAVINGS MEASURES:

Utilizing Native Species

LITIGATION HISTORY:

None

OWNER (PUBLIC OR PRIVATE ORGANIZATION):

Town of Golden Beach

REPRESENTATIVE/CONTACT NAME & TITLE:

Alex Diaz, Town Manager

ADDRESS/TEL/FAX/EMAIL:

(305) 932-0744

TOTAL CONSTRUCTION BUDGET:

$500,000

PROJECT PERFORMANCE:

Completed on time and on budget
No Change Orders

Design Build Services for

Roadway and Complete Infrastructure Improvements
(Franjo Road Project)

RFP No. 1516-11-003

B-2 KEY PERSONNEL

Village of Palmetto Bay

Shores Development, Inc.

B-2 KEY PERSONNEL

B-2.1 Key Personnel

SDI proposes to blend its staffing resources with those of its teaming partners to provide **Village of Palmetto Bay** with a high performance team that understands how to get the job done. **SDI**'s proposed key personnel structure is based on identifying the project's requirements and intricacies, as well as the complete understanding of how Village of Palmetto Bay intends to implement the infrastructure improvements within Franjo Road between US-1 and SW 184 Street. We have identified key staff members that will lead the prospective tasks on this project. Our key staff have the experience and track record on similar projects and are committed to accomplishing the Village's goals for this development. The resumes of our key staff are compiled under the Resumes tab of this response package.

Our key staff have the experience and track record on similar projects and are committed to accomplishing the Village's goals for this development.

We have also developed an **organizational reporting structure for our team (included in the following pages)** that provides more information on our operating and functioning system for this project.

Our key staff are briefly introduced as follows:

35 Years Exp.

WAYNE ROSEN - DESIGN BUILDER

Mr. Rosen, owner of Shores Development, has been at the forefront of real estate development in South Florida for over 35 years. His knowledge and experience in the field has allowed him and his company to successfully develop, construct, and sell over 10,000 single family and condominium units as well as his involvement in hundreds of acres of commercial and industrial developments. His knowledge and experience in the field has allowed him and his company to successfully develop, construct, and sell over 10,000 single family and condominium units as well as his involvement in hundreds of acres of commercial and industrial developments.

20 Years Exp.

FRANK CASTRO – CONSTRUCTION MANAGER

Mr. Castro has over 20 years of experience in construction management. He has developed 10 communities. He is specialized in preparing subdivisions from land development, water and sewer. He has worked with Engineers to develop construction documents. He is responsible for developing land from infrastructure to the final certificate of completion. He has built 11,00 square foot of professional building with 11 Bays for rental, he has produced contracts for new tenants and designed for customer specifications and has built six duplexes for rentals and manages them individually.

25 Years Exp.

ROBERT NEWCOMB – SUPERINTENDENT

Mr. Newcomb is a highly accomplished construction and development manager with nearly 25 years of demonstrated achievements in directing construction operations for South Florida companies. He is a superior strategic planner, known for pioneering visionary new programs and processes aimed at fueling exceptional productivity and lowering costs. Mr. Newcomb is a creative problem solver, big picture thinker, instructor, team leader and communicator with a proven ability to develop cutting edge strategies which increase accuracy and efficiency while substantially heightening performance levels.

31 Years Exp.

ENRIQUE "RICK" CROOKS, P.E. - DESIGN PRINCIPAL

Mr. Crooks is an accomplished engineer with more than 31 years of experience. His engineering experience is extensive and yet diverse. Mr. Crooks has successfully held positions that range from design engineer to project manager, and as much is familiar with every aspect of consulting engineering. Mr. Crooks served as EAC's Principal in Charge when EAC performed civil engineering services to the Village of Palmetto in its incorporation year.

24 Years Exp.

MICHAEL ADEIFE, P.E. - DESIGN MANAGER

Mr. Adeife has more than 24 years of combined design / management of engineering and construction experience. He is experienced in delivering projects to Village of Palmetto Bay from start to completion. His engineering experience is extensive and yet diverse and encompasses all facets of water and sewer infrastructure as well as related components of roadway & pavement infrastructure. Mr. Adeife has tremendous experience with neighborhood roadway and infrastructure improvement projects.

7 Years Exp.

EVELYN RODRIGUEZ, P.E. - LEAD CIVIL ENGINEER

Ms. Rodriguez has extensive years design engineering and construction experience. She is experienced in delivering projects to similar cities from Village of Palmetto Bay from start to completion. She has engineering experience in water and sewer infrastructure as well as related components of roadway & pavement infrastructure. She is also very familiar with the permitting agencies having jurisdiction. Evelyn is a dedicated engineer who focuses on providing the highest level of service.

29 Years Exp.

MARCUS THERMES - DESIGN BUILD COORDINATOR

Mr. Thermes has over 29 years of hands-on experience with major construction projects throughout South Florida area. Mr. Thermes oversees and coordinates the administration and planning of multiple at risk construction contracts for governmental agencies specializing in underground utilities, heavy civil roadway, and site development projects. Mr. Thermes has been personally in charge of overseeing all types of major construction projects in Florida since 1991. He has more than $720 million of in-place construction work with Central Florida Equipment. He is 100% committed to the success of the Franjo Road Project.

8 Years Exp.

ALFREDO ROCHA - CONSTRUCTION SAFETY OFFICER

Mr. Rocha is a very experienced Safety Manager responsible for strictly enforce all OSHA, Owner, General Contractor and CFE safety rules and regulations. Mr. Rocha has obtained a degree from the Columbia Southern University in Environmental, Health & Safety. He conducts site safety audits on a regular basis to inspect for safety hazards and avoid infractions. Mr. Rocha handles all accident investigations and reports, write up Root Cause Analysis, maintains all documentation pertaining to safety OSHA 300 log, HAZCOM, MSDS, training log, safety inspections and equipment, certifications, accident/incident and medical reports, etc.

34 Years Exp.

GEORGE BREWSTER - SUPERINTENDENT

Mr. Brewster has over thirty-four (34) years of hands on experience with major construction projects in the South Florida and has worked with Central Florida Equipment since 1998. Mr. Brewster is very experienced with the administration and planning of "at risk" & "non at risk" construction contracts for governmental owners specializing in underground utilities and infrastructure. Mr. Brewster has licenses and certifications in all relevant areas of underground construction and is affiliated with major construction organizations within the state of Florida. His technical proficiencies include P6 Schedule Project Management, Oracle Contract Management and Construction Estimating.

23 Years Exp.

KEN GARDNER, ASLA, LEED AP - LEAD LANDSCAPE ARCHITECT

Mr. Gardner has over 23 years of experience in landscape design. He has an extensive knowledge in design for many streetscapes, parks, garages, schools, condominiums and commercial centers throughout Miami-Dade, Broward and Palm Beach Counties. He has prepared master land use plans and site plans for parks, residential communities, and retail centers. He has generated site construction plans and details, as well as planting, irrigation, and lighting plans for projects up to $600 million. As a native of South Florida, Ken's knowledge of sub-tropical plant material and its application is extremely strong. He became LEED certified in 2009 and has completed many projects that have received awards from the U.S. Green Building Council.

19 Years Exp.

AMY CHAMPAGNE-BAKER, P.E.- LEAD ELECTRICAL ENGINEER

Ms. Champagne-Baker has over 19 years of experience in electrical engineering design and construction management. Her design and construction services include electrical distribution, medium and low voltage systems, communication, lighting, security, normal and standby generation systems, lift stations, and on site construction services.. She also has extensive transportation experience which includes lighting and power distribution design for roadways, interchanges, bridge exterior and interior electrical and lighting systems, signage systems, including illumination and voltage drop calculations, pole locations, power supply and distribution.

28 Years Exp.

TREVOR ADAMS, P.E. - LEAD STRUCTURAL ENGINEER

Mr. Adams has over 28 years of experience in structural design. His experience is in structural engineering for commercial, industrial, and residential structures along with arenas, convention centers, airport terminals, parking structures, schools, and bus terminals. His areas of expertise in structural systems include reinforced concrete, steel, wood, precast, post tensioned concrete, pan joist floors, tilt up concrete, piled foundations, sheet piling, and wind and earthquake resistant design. His experience also includes project management, preparation and review of plans, contract documents, quality control, schedules, budgets, construction and design/build delivery.

20 Years Exp.

GISELE COLBERT, LEP. – LEAD ENVIRONMENTAL ENGINEER;

Ms. Colbert has more than 20 years of experience in managing and supervising technical projects and in leading inter-disciplinary teams consisting of engineers, geologists, ecologists and other technical experts. Ms. Colbert has extensive experience in all types of environmental permitting in the State of Florida (including Environmental Resource Permits (ERPs), Local Wetlands Permitting, Coastal Construction Permitting, Tree Permitting, Water Use Permit (WUP), industrial wastewater), as well as practical applications of wetland ecology and surface and groundwater hydrology in the South and Central Florida ecosystems.

29 Years Exp.

ALEJANDRO MONTENEGRO, P.E. – LEAD GEOTECHNICAL ENGINEER

Mr. Montenegro has over 29 years of professional experience in geotechnical engineering. He has been involved in numerous foundation and soil studies including deep and shallow foundation analysis, foundation settlement, slope stability and roadway studies. Mr. Montenegro responsibilities include planning, organizing, directing and coordinating all the administrative and technical activities for GCES Engineering Services, LLC. He has served as Senior Geotechnical Engineer on several Florida Department of Transportation bridge foundation projects that contained driven piles and drilled shafts, roadway, and ITS projects.

22 Years Exp.

ABRAHAM HADAD, PSM – LEAD SURVEYOR

Mr. Hadad's 22 years of experience has encompassed all phases of infrastructure planning and development in Surveying and Mapping, Planning, Design, Agency Permitting and Construction Management. As a Senior Project Manager, he has provided complete project services, from program management to planning and design, through permitting and construction for a diverse array of Public and Private Infrastructure projects. As a Professional Surveyor and Mapper, he has been responsible for route/right-of-way, boundary, construction, topographic, and geodetic control surveys for cellular towers, transportation projects and commercial and residential developments.

18 Years Exp.

SHANNAN IGHODARO – PUBLIC INVOLVEMENT

Shannan is a public relations consultant with a background in accounting, finance, public management, business development, marketing, community engagement and the development of public/private partnerships. She is considered an industry expert in the areas of marketing, publicity and community relations and as a professional she has gained the reputation of establishing and developing public/private partnership. A recipient of the prestigious Miami-Dade County Pillars Award, she has been recognized for her role in creating and developing community benefit programs and promoting the role of businesses as corporate citizens.

B-2.2 Qualifications and Experience Matrix for Key Personnel

EXPERIENCE SUMMARY															
Project Elements								Agencies Having Jurisdiction							
								Village of Palmetto Bay			Miami-Dade County				FDOT
Key Staff	Hardscape	Drainage	Street Improvements	Water & Sewer Infrastructure Improvements	Transit Stops	Landscaping	Traffic Circle	Building & Permitting Division	Public Works	Police	Fire Department	Regulatory and Economic Resources	Transportation and Public Works	Water and Sewer	Utility / R/W Permit
Wayne Rosen	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Frank Castro	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
Robert Newcomb	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
Enrique Crooks	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
Michael Adeife	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
Evelyn Rodriguez	✓	✓	✓	✓	✓						✓	✓	✓	✓	✓
Marcus Thermes	✓	✓	✓	✓	✓								✓	✓	✓
Alfredo Rocha	✓	✓	✓	✓	✓								✓	✓	✓
George Brewster	✓	✓	✓	✓	✓								✓	✓	✓
Kenneth Gardner	✓		✓			✓									
Amy Champagne-Baker			✓	✓											✓
Trevor Adams	✓		✓	✓	✓										✓
Gisele Colbert	✓	✓	✓	✓				✓	✓			✓	✓		✓
Alex Montenegro	✓	✓	✓	✓	✓								✓	✓	✓
Abraham Hadad	✓	✓	✓	✓	✓		✓						✓	✓	✓
Shannan Ighodaro	✓		✓	✓									✓		✓

Design Build Services for

Roadway and Complete Infrastructure Improvements
(Franjo Road Project)

RFP No. 1516-11-003

ORGANIZATION CHART

ORGANIZATION CHART

Village of Palmetto Bay

Shores Development, Inc.

Design Build Services for

Roadway and Complete Infrastructure Improvements (Franjo Road Project) RFP No. 1516-11-003

SHORES DEVELOPMENT, INC. SDI	
EAC Consulting, Inc. EAC	Central Florida Equipment, Inc. CFE
Rosenberg Gardner Design, Inc. RGD	Brindley Pieters & Associates BPA
Hillers Electrical Engineering, Inc. HEE	Smart Sciences, Inc. SSI
GCES Engineering Services, LLC GCES	Hadonne Corporation HAD
Oracle Consulting Group, Inc. OCG	All Smooth Lawn Maint. & Landscaping ASL
Oscar & Son Electric, Inc. O&S	Paving South, LLC PS

DESIGN BUILDER
Wayne Rosen SDI

DESIGN PRINCIPAL
Enrique "Rick" Crooks, PE EAC

PUBLIC OUTREACH
Shannan Ighodaro OCG

DESIGN MANAGER
Michael "Mike" Adeife, PE EAC

DESIGN BUILD COORDINATOR
Marcus Thermes CFE

CONSTRUCTION MANAGER
Frank Castro SDI

SAFETY OFFICER
Alfredo Rocha CFE

LEAD CIVIL ENGINEER
Evelyn Rodriguez, PE EAC

LEAD LANDSCAPE ARCHITECT
Ken Gardner, ASLA RGD

LEAD ELECTRICAL
Amy Champagne, PE HEE

UNDERGROUND SUPERINTENDENT
Robert Newcomb SDI

ROADWAY SUPERINTENDENT
George Brewster CFE

TECHNICAL SUPPORT SERVICES

Environmental Gisele Colbert SSI	**Geotechnical** Alejandro Montenegro, PE GCES	**S.U.E. Services** Raul Izquierdo, PSM HAD
Surveying & Mapping Abraham Hadad, PSM HAD	**Structural Engineering** Trevor Adams, PE BPA	**Signalization** Jagan Katkuri, PE EAC

KEY CONSTRUCTION PERSONNEL

Foreman #1 Manie Riera CFE	**Foreman #2** Bennie Champion CFE	**Foreman #3** Steve Gadoury CFE
Landscape/Planting All Smooth Lawn Maintenance & Landscaping	**Electrical** Oscar & Son Electric, Inc.	**Asphalt/Concrete** Paving South, LLC