STATEMENT OF QUALIFICATIONS

Construction and Engineering Services Consultants, Inc.
Table of Contents

1. Corporate Overview...............................................................Page 1

2. Construction Management & Inspection..........................Page 2
   2.1. Horizontal Construction................................................Page 2
   2.2. Vertical Construction..................................................Page 3
   2.3. Parks & Public Facilities..............................................Page 3

3. Civil Engineering.................................................................Page 4-5

4. JAXPORT.................................................................................Page 6-7

5. Debris Management...............................................................Page 8
1. Corporate Overview

C&ES was established in 2007 as a minority-owned and operated consulting engineering firm, providing professional engineering services to municipal agencies and the commercial sector. Our staff consists of 27 employees that bring more than 400 years of combined experience in Civil Engineering, Construction Management, and Inspection Services. We have seven (7) Professional Engineers in-house and work relentlessly to provide quality services on time and within budget.

- Roadway, Site Grading, & Drainage Design
- Water & Sanitary Sewer Utilities Design
- Maintenance of Traffic Design
- Erosion Control and Stormwater Pollution Prevention Design
- Permitting Services
  - Utility Permitting through FDOT
  - Site Development Permitting
  - Environmental Resource Permitting
- Quality Assurance & Quality Control
- Administrative Support
- Stormwater Management & Yard Piping
- Pavement Repair & Replacement Design
- CADD Support
- Environmental Remediation
- Construction Management & Inspection
  - Infrastructure
  - Facilities
- Project Control
- Cost Control
- Construction Cost Estimating
- Construction Scheduling
- Construction Engineering
- Utility Coordination & Conflict Resolution for Utility Construction Project
- Debris Management & Monitoring
- Ash Remediation Professional Services

MISSION STATEMENT
C&ES Consultants, INC. is a company of excellence and dedication providing the most incomparable and efficient services possible.

FDOT QUALIFICATIONS
Group 3 – Highway Design – Roadway
  3.1 – Minor Highway Design
Group 7 – Traffic Operations Design
  7.1 – Signing, Pavement Marking and Channelization
Group 10 – Construction Engineering
  Inspection
  10.1 – Roadway Construction Engineering Inspection
Group 13 – Planning
  13.6 – Land Planning/Engineering

**STATE OF GEORGIA MINORITY CERTIFICATIONS – PENDING**

OTHER CERTIFICATIONS
SBA Certified 8(a) - 305947
DBE Certified
MBE Certified
DUNS: 828785605
Cage Code: 6ESO8

NAICS CODES:
Primary: 237310
Additional: 221320, 236220, 237110, 237210, 237990, 541330, 541340, 541350, 541611, 541618, 541620, 561110, 561210, 562910

PAST CLIENTS:

www.candesconsults.com
2. Construction Management & Inspection

C&ES is currently serving as the Prime Consultant on the City’s Construction Engineering & Inspection Services for Various City Projects program. These construction projects consist of various sites, roadway, drainage, and architectural improvement projects and the work is performed by contractors doing business under the City’s JSEB Plan. The C&ES team is proud of the fact that we are familiar with the local agency’s processes, standards and guidelines for construction, and expectations of creating and maintaining safe work zones. There will be NO LEARNING CURVE needed due to our familiarity and level of confidence we’ve gained in delivering successful CEI services to past Clients.

Our facility can accommodate project meetings including pre-and post-construction, progress weekly and bi-weekly meetings, webinars, and client meetings if requested. Some of our equipment includes Computers, Servers, Laser Printers, Network Routers, AutoCAD Civil 3D. These resources allow C&ES to establish project requirements and manage deliverables in a web-enabled environment.

Our team’s experience gives us the ability to fully comprehend the intent of plans and specifications, apply that intent to the proposed construction improvements while observing construction operations, and advise the Client whether the contractor is complying with plans and specifications. Clients can be assured that this experience with interpreting specifications will result in a quality project delivered to the taxpayers while minimizing change orders and Contractor claims.

2.1. Horizontal Construction - C&ES has provided CEI services for various clients on numerous infrastructure construction projects in the greater Jacksonville area. Resulting from our CEI contracts, our staff specializes in providing CEI services on a wide variety of project types. These projects have included:

- Dillon Road – McGirts Creek Bridge Rehabilitation
- Jork Road Emergency Bridge Repairs
- Belfort Road Emergency Bridge Repairs
- Howell Avenue Bridge Repairs
- Polaris Street Roadway Improvements
- Sanchez Road Drainage Improvements
- Leafy Lane Drainage Improvements
- Cortez Road Drainage Improvements
- 1946 Muncie Avenue Ditch Rehabilitation
- Rensselaer Avenue Drainage Improvements
- Rowe Avenue Safety Improvements
- Paul Avenue Drainage Outfall Improvements
- Tampico Road Outfall Improvements
- Rutledge Oaks Lane Drainage Improvements
- Osceola Street Drainage FDOT Improvements
- Golfview Street Drainage Improvements
- Lakeshore Boulevard Drainage Improvements
- Orchard Street Drainage Improvements
- Wallace Small & Riverview Senior Centers
- Camden Road Drainage Improvements
- Herring Road Drainage Improvements
- Quan Drive Outfall Improvements
- Cecelia Street Drainage Improvements
- Quan Drive Outfall Improvements
- Avenue B/Zinnia Drive Box Culvert
- Egret’s Nest Double Box Culverts
- St. John’s River Bulkhead Replacement Phase 1 (10 Locations)
- State Road A1A – Mayport
- Catherine Street Bulkhead Repairs
- Willow Branch Bulkhead Repairs
- U.S. 1 Utility Corridor Improvements
- Noroad/Lambing Drainage Improvements
- Animal Care & Protective Services HVAC Replacement
- 9A/Baymeadows Regional Park – Phase 3
- Nolan Street Drainage Improvements
- ADA Curb Ramps Assessments & Improvements
- Community Transition Center Accessibility Improvements
- Hamilton Circle Drainage Improvements
- Miscellaneoos Dredge and Waterway Infrastructure
- City Wide Bulkhead Replacement
- Mandarin Drainage Improvements - Gran Crique Outfall
- Noroad / Lambing Drainage Improvements
- Acme Pond
- Osceola Street Drainage Improvements
- Old Bulls Bay Highway Drainage Improvements

Under the CEI contract, C&ES has been providing constructability reviews of future and planned projects prepared by engineering firms for the City of Jacksonville. To date, more than 40 constructability reviews have been conducted by our Professional Engineers. Utilizing a standardized checklist developed with the City of Jacksonville, plans and specifications are reviewed in the field and office to assess whether there are construction related issues that could delay the construction of the project or lead to unnecessary change orders. Some projects include:

- Gregory Place Curb & Gutter Replacement
- Intersection Improvements at Pearl Street North & 36th Street
- Howart Court N. Underdrain Replacement
- Renne Drive North Culvert
- Los Santos Way Ditch Improvements
- Fernandina Avenue Drainage
- Haldumar Terrace Road Improvements
- Miscellaneous Dredge and Waterway Infrastructure
- City Wide Bulkhead Replacement
- Mandarin Drainage Improvements - Gran Crique Outfall
- Noroad / Lambing Drainage Improvements
- Acme Pond
- Osceola Street Drainage Improvements
- Old Bulls Bay Highway Drainage Improvements
C&ES has Resident Engineering experience as well as Facility Inspection / Evaluation expertise that will promote the success of any project. Our experience has taught us how to build strong working relationships with Contractors and Clients which then fosters cooperation and reduces miscommunications and potential change orders.

We have designed and implemented project management tools that have enhanced our ability to perform CEI services more efficiently and effectively for our clients.

Using the collective benefits of inspection (observing, recording and reporting), construction management, and our ability to observe and advise procedures, C&ES will be able to assure any Client that the materials and workmanship incorporated into each assigned task are in exceptional conformity with all plans, specifications and contract provisions.

**2.2 Vertical Construction** - C&ES has provided CEI services for various clients on numerous vertical construction projects. These projects types have included:

- Facilities Renovations & Inspections
- Duval County Unified Courthouse
- State Attorney’s Office
- Parking Garage Upgrades
- Senior Center Improvements
- Tennis Court Additions
- HVAC Repair and Replacement
- Pump Stations
- Generator Improvements
- Everbank Field South End Zone
- Roof Inspections
- ADA Bus Pads & Shelters
- Duval County Schools
- JEA Buckman Administration Building
- Community Transition Center Accessibility Upgrades
- Blount Island Marine Terminal Crane Watch Building
- Blount Island Marine Terminal Switch Gear Building
- Nassau County Historic Courthouse
- Nassau County Jail Facilities
- Nassau County Judicial Complex
- 158 Acre MOL/Trapac Marine Terminal
- Various Jacksonville Senior Centers

**2.3 Parks & Public Facilities** – C&ES staff has provided CEI and construction management services for various Parks and Public Facility Upgrade projects. Some of those include the following:

- Fleet Management (2 Phases)
- Halsema Livestock Trail
- Murray Hill Arts Center ADA Upgrades
- JTA Building C
- ADA Bus Pads & Shelters
- Duval County Schools
- JEA Buckman Administration Building
- Community Transition Center Accessibility Upgrades
- Blount Island Marine Terminal Crane Watch Building
- Blount Island Marine Terminal Switch Gear Building
- Nassau County Historic Courthouse
- Nassau County Jail Facilities
- Nassau County Judicial Complex
- 158 Acre MOL/Trapac Marine Terminal
- Various Jacksonville Senior Centers
3. Civil Engineering

C&ES has full in-house capability for Civil and Site Engineering with the ability to hire and supervise Subconsultants in the other Engineering Disciplines required for Design efforts. We currently house seven (7) licensed professional engineers, each with well over 30 years of experience in the industry, as well as a licensed Architect with more than 40 years of experience. The Engineering Design Group (EDG) at C&ES provides our clients with comprehensive and crucial information relative to their Civil Engineering, Land Development and Permitting issues.

In a typical Site Design project, we provide Preliminary Engineering Reports and Feasibility Studies, Due Diligence Assistance, Supervision of Surveyors, Engineering Analysis and Calculations, Engineering and Site Design, Engineering Estimates, as well as preparation of Construction Plans and Specifications for submittals to Regulatory and Permitting Agencies.

The EDG at C&ES has acquired an extensive and diverse resume of experience from a variety of clients throughout the greater Jacksonville area. Some esteemed clients include:

An itemized list of projects that have been successfully completed by EDG is as follows:

**JE A Design Work as a Prime**
- Soutel Drive Watermain Replacement
- McMillan-Kinlock PumpStation Force Main Upgrades
- Pepsi Place Watermain Replacement
- 4th Street Main to Pearl Watermain Replacement

**Design Work for JAXPORT**
- SeaStar – 20 Acre Pavement Restoration and Drainage Improvements

**Design Work for Operation New Hope**
- Dozier Apartments

**Design Work for NWJCDC**
- Payne Avenue Subdivision

**Design Work for Other Clients**
- JU Williams Dorm
- JU Art Annex
- JU Water Connection Study
- JU Improvements and Additions to Campus Wide Parking
- JU Fence
- JU River House
- JTA Building C Renovations
- JTA Sewer – Water Connection Trailer
- Turtle Shores Phase III – Sidewalk Design
Maintenance of Traffic Plans Preparation
- River Crossing Project Segment 2 TWMP
- Segment 5 TWMP
- Design-Build Segment 6 TWMP 36" Subaqueous WM
- St. Augustine Road 6" WM
- Carder Street to Kingsbury FM & WM Replacement
- Barnes Road FM Replacement
- Design-Build Southshores Subaqueous FM
- Main Street August Road, Wishart Street to Inwood Terrace
- Main Street Wellfield, Well No. 14
- Main Street Noah to Sara Road
- William Burgess Boulevard Watermain and Forcemain
- Memorial Park Road Forcemain
- JEA Transmission Line to Busch Drive FM
- Biltmore Septic Tank Phase-Out
- Bernita Street FM Replacement
- JTB FM Extension (JTB to Town Center)
- Main Street 36" TWMP WM & 30" Raw WM
- Palm Avenue WM Replacement
- Tredinick Parkway Reclaimed Watermain
- Monument Road Reclaimed Water – Cancun Drive to Hidden Hills Lane
- West Grid Lenox to Timuquana Main and Pump
- Nassau Reclalm Water – Radio Avenue to Hart Road
- Shiloh Mill Boulevard to Town Center Parkway
- International Golf Parkway I-95 Crossing – Reclaimed Water
- Walnut Street 60" Trunk Sewer Replacement
- Gate Parkway – Glen Kernan to T-line New Reclaim Water Transmission Line
- Bernita Street Force Main Replacement
- King Street and Shircliff Way Watermain Replacement
- Riverview Watermain – Phase 1
- Collins Road Force Main Replacement
- Jammes Road Watermain Replacement
- Owens Road Ranch Road to Max Leggett Parkway

JEA Design Work as a Sub
- Segment 3 TWMP
- Lane Avenue Lucente Dr. to Wiley Rd. 24" FM Replacement
- Philips Highway 24" FM Replacement
- Main Street at Sara Dr. 16" FM
- Norwood WTP Rehabilitation
  - Piping Design
- Arlington East WRF Clarifier
- Arlington East WRF Additional Parking
- Bradley Road Booster Pump Station
- West Nassau Regional WTP
- Greenland Energy Center WTP
- Greenland WTP Expansion
- Ponte Vedra WTP Modular Building
  - Civil/Site Design
- Argyle Road/Rampart Road Pump Station
- Pepsi Place WM Replacement
- Kinlock PS FM Upgrades
- 4th Street (Pearl to Main) WM Replacement
- JTB FM Extension (JTB to Town Center)
- Harts, Robena, & Pulaski PS
- Main Street 36" TWMP WM & 30" Raw WM
- Buckman WRF Administration Building
- Buckman Biosolids Capital Conversion Projects
- District II WRF Primary Clarifiers, #2 and #3
- Springfield Plant Emergency Generator
- Buckman Disinfection System Replacement
- Memorial Park Road

COJ Design Work as a Sub
- Trail Ridge Landfill - Loop Road; West Access Road; South Access Road; Construction Access Road
- JHA Seven Drainage Improvement Projects
- JEA Modular Building Construction
- Fletcher Morgan Park
- Florida Theater Terra Cotta Repair
- Florida Theater ADA Restrooms and Entry Upgrades
- Yates Building Parking Garage ADA Upgrades
- JFRD Warehouse Strengthening
- Pine Forest Drainage Improvements CDBG
- Oceanway Senior Center Parking Lot Improvements
- Notter Apartments Site Grading
- Community Transition Center Upgrades
- County Dock Boat Ramp
- Fourteen Unit Housing Project
4. C&ES AT JAXPORT

C&ES was the first Minority Certified Firm to be awarded a Prime Contract with the Jacksonville Port Authority providing Construction Management and Inspection Services for multiple years on Jax Port’s Capital Improvement Projects. Our President/CEO was personally congratulated by Jax Port Board Chairman, Dr. John Newman, who was quoted saying:

“Contracts like this ensure that everyone has access to what I see as the American Dream: To make a real contribution and prosper”. “Having opportunities open to all has a proven positive impact on the economic health of our community and that’s a crucial part of our work here at the port”

C&ES was featured under the ‘Small Business Profile’ in the 2015 Fall edition of the quarterly Jax Port Magazine, The Jacksonville Joint Agency Task Force Newsletter, and in the local news as well as in the Jacksonville Business Journal.

Under this exciting contract, C&ES is currently providing Project Management/Engineering services for the Blount Island Marine Terminal (BIMT) Master Drainage Plan for the Jacksonville Port Authority (JAXPORT). Also, we’re presently providing inspection and assessment services for various bridge and pier structures throughout BIMT. Some of the structures that we have inspected and assessed include the Blount Island Railroad Bridge, Buck Island Access Bridge, Blount Island Tri Level Wharf, Blount Island Marine Terminal Wharf, Dames Point Berth 18, Dames Point Cruise Terminal Wharf, Talleyrand Marine Terminal Main Wharf and Wharf Cove, and various Cranes located at Talleyrand and Blount Island. Our lead Engineer’s responsibilities include total facility drainage improvement recommendations, as well as verification of the Port’s existing drainage infrastructure.

In addition, our team has completed more than 40 roof and building assessments at BIMT, Talleyrand Marine Terminal (TMT), and the Dames Point Cruise Terminal (list of buildings provided on page 7). In the past, C&ES completed the SeaStar Parking Lot Improvements project, which included Civil Engineering and preparation of construction plans and specifications for rehabilitation, replacement, and addition of pavement at the SeaStar shipping container transfer and storage facility. The total area of the project was approximately 20 acres located at the Blount Island Marine Terminal. Services also included pavement design analysis, utilities coordination, construction plans for pavement, temporary traffic control, utilities adjustment and stormwater pollution prevention plan.
The following pages are examples of C&ES providing Building Assessment & Inspection Services for JAXPORT.

**Talleyrand**
- T-1 PCOB
- T-2 TMT OPS
- T-3 Equipment Maintenance
- T-4 Facility Maintenance
- T-5 12th Street Warehouse
- T-7 North Gate
- T-8 Container Inspection
- T-9 Roadability Building
- T-11 Boat House
- T-22 Warehouse #9
- T-24 11th Street Gate
- T-26 ICS Refrigerated Warehouse
- T-31 Diagnostic Center Clinic
- T-32 Toyota Office
- T-32 Toyota Office (Roof)
- T-33 Toyota Processing Facility
- T-33 Toyota Processing Facility (Roof)
- T-39 Toyota Processing Facility
- T-39 Toyota Processing Facility (Roof)

**Blount Island**
- B-1 BI Access control
- B-2 Main Entrance
- B-3 Customs
- B-7 Fire Station
- B-19 Transit Shed #3
- B-19 Transit Shed #3 (Roof)
- B-25 C.F.S.
- B-25 C.F.S. (Roof)
- B-35 Transit Shed #1
- B-35 Transit Shed #1 (Roof)
- B-54 APM Office
- B-55 APM Maintenance Garage (Roof)
- B-57 APM MOB
- B-57 APM MOB (Roof)
- B-59 BI OPS
- B-60 Equipment maintenance
- B-61 Welding Shop
- B-63 Offices & Vehicle Processing (Roof)
- B-65 Parts Storage
- B-66 SOC Boat House

**Cruise Terminal**
- D-17 Cruise Terminal
- D-20 Security Operations Center
5. DEBRIS MANAGEMENT

The C&ES team is highly experienced in both storm debris management and monitoring consulting. We were instrumental in the initial hiring of debris field and tower monitors, truck certifiers, data entry staff and field and data supervisors for the recent Hurricane Matthew and Hurricane Irma Debris Monitoring Project for the City of Jacksonville. Immediately after Hurricane Irma, we provided more than 125 personnel for the emergency response after Hurricane Irma. Our team is comprised of lead personnel of every aspect of the Debris Monitoring and Management component. We have a combined experience of 250 years managing and monitoring storms for the last 2 decades.

C&ES thoroughly understands the steps necessary to immediately respond to the City’s needs through our in-depth understanding of strategic planning, vetted processes and proven measurements. Our response to the recovery process will be immediate, rapid, efficient, with acceptable cost controls, accountability procedures, with written reports and submittals in place, to assure that the City will have the means to be reimbursed for all eligible disaster recovery costs from appropriate Federal and State Agencies. C&ES is prepared to mobilize personnel for this task and shall be fully mobilized to begin debris management and monitoring operations within 72 hours following the contract execution. Debris management and monitoring work within the City will be prioritized by the City Project Managers.

C&ES has extensive knowledge and experience in managing and monitoring disaster debris recovery efforts and providing related technical assistance, on an as needed basis, to provide disaster recovery monitoring expertise and services to assist the City. Our experience includes the monitoring and removal, reduction and environmentally approved disposal of debris and other obstacles resulting from natural disasters in full compliance with regulatory agency requirements and consistent with Federal Emergency Management Agency (FEMA) requirements for cost reimbursement for debris management, removal and disposal.

Our experience with current and previous storms include the following:

✓ Providing assistance in updating the City’s Debris Management and Removal plan.
✓ Provide training of selected City staff in essential debris management, monitoring, and collection functions to insure appropriate and responsive interface with field debris collection contractors and City, State and Federal Agencies.
✓ Provide field inspectors at designated checkpoints to check and verify information on debris removal and at Debris Management Sites (DMS) located or developed throughout the City or the region if necessary as approved by the City.
✓ Provide technical and permitting assistance associated with the need to locate additional DMS when requested.
✓ Provide assistance with scheduling, dispatching and logistical operations of the field inspectors assigned to work areas of storm debris clean up.

Our staff has the knowledge, skills, and ability to immediately respond to the City’s needs and deliver personnel who are qualified and prepared efficiently and effectively to complete the job. Resumes available upon request.