



August 6, 2019

Nassau County Board of County Commissioners
96135 Nassau Place, Suite 6
Yulee, Florida 32097

RE: Bid No. NC19-006 - Design-Build Fire Station 71

Dear Selection Committee Member,

It is with great excitement that we submit this proposal for the Design Build services for Nassau County RFP NC19-006 17 in Yulee, Florida. We understand Nassau County is looking for a qualified D/B team to create a state-of-the-art facility within budget that addresses the requirements of Nassau County and its fire department for Fire Station 71. The CORE-VIA Design Build Team affirms the following items:

1. We officially state our commitment to perform the required work effectively and professionally.
2. The primary contact person and other information are as follow:
Jay Chung, G.C./Owner of CORE Construction, Inc.
8375 Baymeadows Way – Jacksonville, FL 32256
Tel: 904.399.1033 Fax: 904.399.1074
3. Our Technical Proposal contains a Table of Contents & Tabs Section 1 through 6
4. Our team members are authorized to do business in the state of Florida
5. We acknowledge we have no conflict of interest in performing the scope of work for the RFP.
6. Acknowledgement of Addendum 1 thru 6.

We hope you take the time to explore how our offering is different from the other teams. We are creative. We are organized. We can save you money and create a valued fire station for your needs.

You will get our full undivided attention.
Regards,

Sincerely,

Jay H Chung, AIA
President
Core Construction Company of Jacksonville, Inc.

8375 Baymeadows Way • Jacksonville, Florida 32256 • 904.399.1033 phone • 904.399.1074 fax



SECTION 1

Written Technical Proposal

Bid No: NC19-006 Fire Station 71

01

I. Approach and Understanding of the Project:

The CORE-VIA understands that the design/build team delivers a cohesive Technical Proposal to the Owner. Our team listen to the Owner, study the scope, establish the quality, and re-examine the project budget with the Owner at an early stage. A successful project must have the Scope, Quality, and Budget in equilibrium. Communication for the project flows through the GC and/or D/B team to the Owner. The Owner has a single contract for the design and construction of the Fire Station. The establishment of the budget is to control project risk. There are no change orders unless changes are made by the Owner and/or unseen environmental issue such as unfavorable discovery of site issues. Project schedule can be accelerated if necessary. There are opportunities for cost sharing during the process.

For this project, the bid is from the existing documents provided by Nassau County. Once a design/build team is selected, a review of the project with the Owner and the Owner's designated team members to validate the Scope, Quality, and Budget. We appreciate the efforts on the documents provided. The more information that we have, the more we could communicate in detail of the scope, qualify and budget on the project. Since the quality is set with small amount of wiggle room, the scope and budget will be our focus. An updated budget may be established with some possible operation improvements and cost saving suggestions. The cost saving should not impede operations and/or the value of the fire station. For instance, the project currently has overhead doors, a better and faster opening door are a four-fold side opening type door. These folding doors is faster with less maintenance issues than overheads or coiling doors. With an average speed of 24 in./sec, the four-fold side doors open twice as fast as overhead and/or coiling doors. If this is something that the project likes to reconsider, then we could possible find ways to improve the operations.

II. Intent to Technical Requirements:

The Nassau County Fire Station 71 project is a visible project for Yulee community. The project is located in the wooded site with existing and new development surrounding the station. Our approach goes back to the old adage of "stop, look and listen". We will pause, calmly comb through the documents provided us, and listen intensely to the words said in the documents as well as communication with Nassau County Fire Station team. We then process the information and begin the process with Nassau County in creating a fire station that satisfies the project criteria. Our Design-Build (D/B) Team works as a unit. The architects and engineers and construction experts work in an integral process. The construction team is involved in the design and documentation phase and the design team is involve in construction phase and anytime

during the process. Our D/B Team researched and established a data base to begin the project. This is a modern day master-builder approach where design and construction team is the master-builder.

III. Staffing Plan:

Our Design – Build firm organizational chart clearly illustrates the strong organizational structure proposed to accomplish the management, technical, construction and administrative services required for this project. All Key personnel are identified briefly below:

Jay H Chung, AIA – General Contractor – Core Construction Company of Jacksonville- Mr. Chung is known as a General Contractor for local schools and municipal projects with over 30 years’ experience. Mr. Chung will act as the primary contact / Project Executive for this project and will lead the Design Build Team throughout. Once the Design is approved he will then be the lead for all construction.

Tat Chan, AIA, NCARB – Architect – VIA Concepts, LLC is a well-respected and acknowledged as an innovative design company. Mr. Chan has programmed, designed and managed the delivery of many architectural projects domestically and worldwide. Mr. Chan will be the lead Architect and Manager/ Architect. He will encompass and will obtain input from all disciplines throughout the design phase to deliver a complete package.

Jeff McGee, P.E., SI – Structural Engineering – GM Hill – Mr. McGee has over 31 years’ experience providing engineering design, inspection, project management construction administration and evaluations. He has provided engineering services Fire Station projects for multiple municipalities and will act as the Senior Structural Engineer for this project.

Edward Eng, P.E. – MEP & Fire Protection – Eng Engineering, Inc. Mr. Eng is the founding principal of Eng Engineering and has over 30 years’ experience in the engineering community. He performs mechanical, electrical, plumbing, fire protection engineering services, including production of design development and construction documents, specifications and system cost analyses. Mr. Eng will be the Lead Mechanical, Plumbing and FP Engineer throughout this project.

Randy Downing, P.E. – Site/ Civil Engineering – Hanson Inc. - Mr. Downing has over 34 years’ experience of project management and design experience on all aspects of site development including storm water management, pavement and drainage, water and sewer and site planning. He will be the lead Civil Engineer.

Capacity Chart (available workforce)

A/E	Skill Set	Availability
1 Tat Chan	Lead Architect and Manager / Architect	45%
2 Roland Udenze	Senior Architect	35%
3 Alicia Wise	CAD Technician	50%
4 Gina Hill	Lead Structural Engineer	25%
5 Jeffery McGee	Senior Structural Engineer	35%
6 Edward Eng	Lead Mechanical Electrical Plumbing & FP Engineer	50%
7 Lee Underhill	Mechanical & Electrical Engineer	60%
8 Randy Downing	Lead Civil Engineer	35%
9. Dustin Hampton	Civil Engineer	40%

Construction	Skill Set	Availability
1 Jay Chung	General Contractor/Project Executive	30%
2 Contractor	Site Superintendent	30%
3 Contractor	Site Forman	30%
4 Sub Contractor	Steel	30%
5 Sub Contractor	Masonry	30%
6 Sub Contractor	Framing	30%
7 Sub Contractor	HVAC	30%
8 Sub Contractor	Power/Electric/Lighting	30%
9. Sub Contractor	Carpentry	30%

IV. Responsible Office:

The primary Design-Build office is Core Construction's office located at 8375 Baymeadows Way – Jacksonville, FL 32256.

The lead A&E office is with VIA Concepts, LLC. VIA Concepts, LLC is a premier full-service architectural firm located in Jacksonville Beach, Florida. Within house technological equipment, six computer stations, a large-format color plotter, two scanners, and three other printers, VIA Concepts can create most all documents in-house; a luxury when it comes to reproduction for impromptu meetings and presentations. Along with other amenities, our facility also contains a large conference room that fits more than 12 people.

V. Other Appropriate Data:

Our Design-Build Team has a plethora of experiences not only in fire stations, we also have completed related facilities such as emergency operations centers or EOCs, share public safety type facilities, and

facilities that include design of large vehicles such as a bus station. We acquired knowledge from the latest design innovations, technologies, and state-of-the-arts concepts.

VI. Coordination:

Coordination is a top priority in a design-build team. Our integral design-build team management work wonderfully especially in project coordination. If one operates as a unit, then coordination will be in unison. Our Design-Build Team also are experienced on building in the northeast Florida environment, grant related project, as well as public entities. Cost control and estimating is an interrelated process. It is a way of thinking from inception to completion. Our integral team approach offers many advantages to the project team:

- A consistent production of design parameters that suits the budget constraints for construction team members are part of the design team to offer cost input and current construction data
- Proactive cost evaluation of proposed project features in every milestone
- Maintaining design schedules while simultaneously maintaining overall budget
- Owner desired project enhancements can be assessed early during design

The project team produces regular cost comparisons for each estimate, highlight any changes, and provide analysis of proposed cost saving alternatives. Value management provides up-to-date analysis of building systems. This knowledge takes in to account the potential design and system cost saving alternatives to maximize cost effectiveness which take advantage of the following:

- Local Market Conditions
- Recommended Material Substitutions
- Suggested Quantity Reductions
- Potential Design Modifications
- Constructability Alternatives

This goes back to the Quality, Scope and Budget analogy. We are constantly watching the budget.

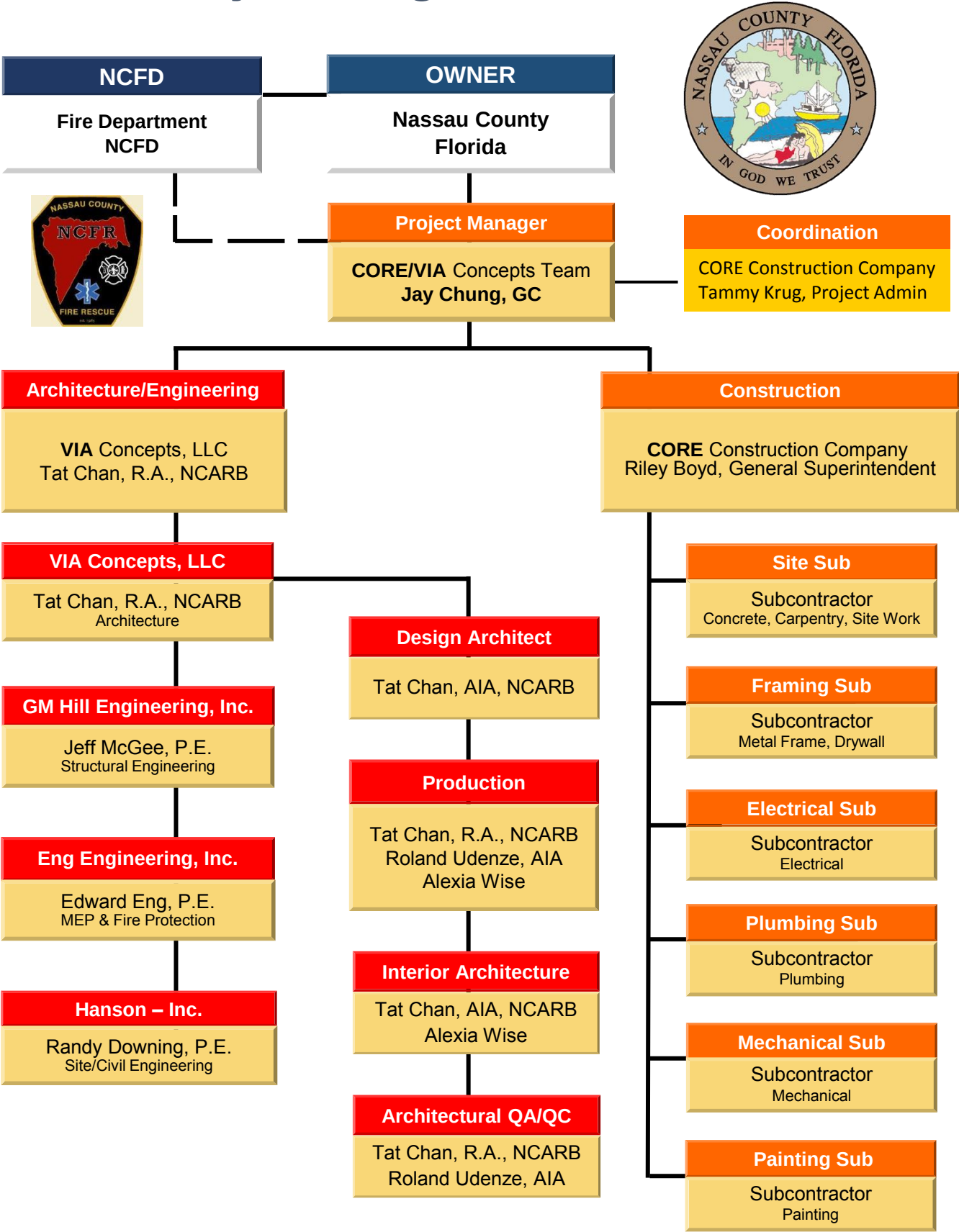
VII. Summary of Project Schedule:

Once awarded and NTP issued, we anticipate the Design/Pre-Construction phase of the project to take 127 calendar days. This includes 56 days of permitting once the permit documents have been submitted. As for Construction phase, from site mobilization to substantial completion, we anticipate that this will take 270 calendar days for a total from NTP of design phase to substantial completion of 397 calendar days.

VIII. Summary of Quality Management:

Core Construction Company has a Quality Management plan necessary to ensure that all work is performed to the standards established and is in 100% compliance with the contract specifications and all applicable local, state and federal guidelines. The members of the Quality Management team will consist of Design Manager and Contractor along with all Engineering disciplines such as Architecture, Civil, Structural, Mechanical, Electrical, and Plumbing & Fire Protection.

Project Organization Chart





SECTION 2

Resumes of Key Project Personnel

Bid No: NC19-006 Fire Station 71

02



JAY H. CHUNG



General Contractor / Project Manager

Jay has **over 30 years of experience** in the construction business. He first obtained an Architectural License from State of Wisconsin & Illinois and later a Certified General Contractor License from Florida. Jay has held key positions working for various developers, architects, contractors and design-build firms in the Chicago area managing projects all over U.S. and Canada with projects ranging up to 20 million dollars before starting his own Commercial Construction G.C. Company in Jacksonville.

EDUCATION:

University of Illinois, B.S.,
Architectural Studies

QUALIFICATIONS:

Certified General Contractor
(State of Florida)
License #CGC1505527

Licensed Architect State of
Illinois | License #00102172

State of Wisconsin |
License #8608-5
American Institute of
Architects

Project Experience

JAA – Herlong Recreational Airport – T-Hangar & Taxilanes

[Jacksonville, Florida](#)

This project includes the construction of a new 20,000 SF aircraft T-Hangar facility. Site construction includes grading, drainage, pavement, tie-in utilities, and access taxilanes.

Jacksonville Transportation Authority First Coast Flyer North BRT Park N Ride

[Jacksonville, Florida](#)

Interior Buildout to include commercial, high traffic public space and restrooms, & bus terminals. All new site work to include fencing, parking lot improvements.

Boys & Girls Club of NE Florida – Springfield Project : Citi Teen Center

[Jacksonville, Florida](#)

Renovation to an existing 2- story building approximately 12,000 SF including an gymnasium with mezzanine. All new interior including new gym floor, elevator, HVAC, Electrical, & Plumbing.

Remodel-construct Emergency Operation Center

[St. Augustine, Florida](#)

Construction Buildout of new emergency operations space; raised floor system to conceal communications and power. All infrastructure of A/V Equipment, restrooms, breakroom and conference room.

JTA Parking Lot & Office Building

[Jacksonville, Florida](#)

Design/Build of new parking, storm water management for the complex, and 10,000 SF office building.

Jacksonville Beach Headquarters Fire Station Renovations

[Jacksonville Beach, Florida](#)

Design-Build renovation of a 14,000 SF 2-story headquarters fire station. Interior and exterior remodel to a 2,000 SF masonry addition.

Florida Air National Guard, Storage Building

[Jacksonville, Florida](#)

Construction of Camp Kong Road & storage building. Addition & enclosure to an existing 5,000 SF metal canopy. Phase II included 2000 linear feet of asphalt road to the storage facility.



Riley Boyd

Superintendent

Riley is a seasoned Superintendent with over Thirty (30) years' experience in the construction industry. As a commercial construction superintendent, he is highly skilled in organizing subcontractors, scheduling, cost and budget control, ensuring the subcontractors mark up the as built drawings, and submit questions/submittals.

Project Experience

EDUCATION:

Palm Beach Atlantic College

QUALIFICATIONS:

JAA – Herlong Recreational Airport – T-Hangar & Taxilanes

Jacksonville, Florida

This project includes the construction of a new 20,000 SF aircraft T-Hangar facility. Site construction includes grading, drainage, pavement, tie-in utilities, and access taxilanes.

Buffers USA

Jacksonville Florida

This project consisted of a 8,000 SF warehouse addition which included ramps

ABC Supply

Dade City, Hudson, Gainesville, Panama City, Macon Ga & Gainesville GA

These projects consisted of warehouse renovations and interior buildout for office and sales area including all MEP & parking lot upgrades.

Adel Grange Cultural Center

Atlantic Beach, Florida

This was a complete renovation of the existing center with a 2,00 SF new addition.

Tire Kingdom

Ponte Vedra Beach, Florida

These project consisted two 50,000 SF tilt up wall buildings. Complete construction from ground up including all site work and landscaping.

US Post Office

Fernandina Beach Florida

Nassau County Jail

Yulee, Florida



Tammy L Krug

Project Coordinator

Tammy has over fifteen (15) years' experience in the construction and engineering field. As an Executive Project Coordinator, she is highly skilled in organizing multiple projects in various stages from RFP to closeout.

Project Experience

EDUCATION:

Sawyer College of Business

ITT Tech - Computerized
Business

JAA – Herlong Recreational Airport – T-Hangar & Taxilanes

Jacksonville, Florida

Project Coordinator

This project includes the construction of a new 20,000 SF aircraft T-Hangar facility. Site construction includes grading, drainage, pavement, tie-in utilities, and access taxilanes.

Boys & Girls Club of NE Florida – Springfield Project: Citi Teen Center

Jacksonville Florida

Project Coordinator

Renovation to an existing 2-story building approximately 12,000 SF including an gymnasium with mezzanine. All new interior including new gym floor, elevator, HVAC, Electrical & Plumbing.

St Johns County Utility Department Warehouse Addition

St Augustine Florida

Project Coordinator

Remodel and Expansion of Collections Warehouse, Distribution Warehouse, Parts Warehouse and (2) covered parking areas and associated Site Improvements.

Jacksonville Aviation Authority – Emergency Operations Center

Jacksonville Florida

Project Coordinator

Construction Buildout of a new emergency operations space; raised floor system to conceal communications and power. All infrastructures of A/V equipment as well as restroom, breakroom and conference room.

JEa Cedar Bay Maintenance Restroom Renovation

Jacksonville Florida

Project Coordinator

Demolition of existing restrooms located in maintenance building and complete interior buildout. The buildout included new walls, flooring, paint, toilet accessories, HVAC, plumbing & Electrical.



PROFESSIONAL REGISTRATION AND ASSOCIATION:

Registered Architect Florida (13709) | New York (25019) | New Jersey (11807)
American Institute of Architects (AIA) Member No. 30209586
 2003 Awards Chair & Board Member
 Florida AIA Jacksonville Chapter
 2004 Awards Juror for Florida AIA Southwest Chapter
National Council of Architectural Registration Board (NCARB)
 Certified Member – NCARB Certificate No. 41,425
 NCARB File Number 47,611

EXPERIENCE:

Principal of Practice **VIA Concepts, LLC** **Jacksonville Beach, Florida**

Mr. Tat Chan, principal for VIA Concepts, LLC, has over 30 years of experiences in architecture. He is responsible for all facets of architecture and planning in the firm and a recipient of the Young Designer 2002 Achievement Award from the University of Florida. Mr. Chan has been responsible for the design of many important “visible” projects for a variety of public-sector clients throughout the United States. The diversity of experiences that spans from small municipal buildings, laboratory design, educational facilities, to major transportation centers all contributes to Mr. Chan’s valuable insights for Nassau County Fire Station 71 project. These projects dealt with many dynamics that will be helpful on project at hand. Mr. Chan’s understands public projects and the environment throughout the first coast; his experience in fire stations, security and information technologies via many transportation, justice, and private work; his intimate knowledge of planning and safety with public safety type projects, and Mr. Chan’s comprehension of civic utility structures are just a few factors that will be a valuable contribution to the project. Three related examples of relevant projects are as follow:

Jacksonville Beach Fire Station Expansion and Renovation.

Synopsis: 14,000 sf renovation and 1,000 sf expansion to the Fire Station Headquarters for the City of Jacksonville Beach in tandem provided and enhanced the firefighting process for the existing facility

Relevance: Fire Station Compliance with strict and complex requirements; Comprehensive planning/program/design criteria; Maintenance Bays; Public Client; IT/Communications; 24-hour facility

JaxPort Security Operations Center

Synopsis: The Security Operations Center houses the JaxPort security team, and provides offices for the Jacksonville Sheriff’s Office and Florida Sheriff’s Office.

Relevance: Public Client; Compliance with strict and complex requirements; Comprehensive planning/program/design criteria; Command Center; IT/Communications; 24-hour facility

Jacksonville Sheriff’s Office Marine Operations Center.

Synopsis: This two-story 6,200 square feet operations center serves as the JSO command center for their marine unit. Coordination

Relevance: Public Client; Dispatch Office; Maintenance Bays; Marine Fire Station / Operations Center; IT / Communications; Comprehensive planning/program/design criteria; 24-hour facility

EDUCATION: Master of Architecture, University of Florida - 1987
 Bachelor of Design, University of Florida - 1984

AWARDS: Concrete Award 2007 – Florida First Coast Chapter ACI
 Young Architect Award 2002 – University of Florida
 Jacksonville International Airport (JIA) Expansion Project Award:
 Jacksonville AIA Award
 Building, Owner, Management Award (BOMA)
 The Jacksonville Arts Council Award

JEFF MCGEE, PE, SI



SENIOR STRUCTURAL ENGINEER

KEY QUALIFICATIONS

- » 1 Recently Completed Fire Station and 2 design Completions
- » 25+ Fire Rescue Facilities

CAREER SUMMARY

4 years at
GM HILL Engineering

31 years in the industry

EDUCATION

B.S. in Civil Engineering
University of South Florida

PROFESSIONAL REGISTRATIONS

- » Professional Engineer, FL #45944
- » Special Inspector of Threshold Buildings, SI #1114

PROFESSIONAL AFFILIATIONS

Engineers (ASCE)

American Concrete Institute (ACI)

Prestressed Concrete Institute (PCI)

GMHILL MINORITY CERTIFICATIONS

Jacksonville Small and Emerging Business Enterprise (JSEB)

Woman-Owned Small Business (WOSB)

Small Disadvantage Business 8(a)

Disadvantage Women-Owned Minority Business (EDWOSB)

Jeff McGee is a licensed structural engineer and special inspector in the State of Florida with 31 years' experience providing engineering design, inspection, project management construction administration and evaluations for multi-story buildings, educational, federal and municipal buildings, industrial facilities and prefabricated structures. Recent fire station designs include Clay County Fire Station #11, St. Lucie County Fire Station #5 and the City of Jacksonville, Fire Station #56. In total Mr. McGee's has partnered with multiple design teams to support the renovation, construction and inspection of 25+ facilities. Mr. McGee applies the design standards for Florida structures based ASCE 7-10 to address Natural Phenomena including Seismic & Wind / Hurricane and on the current edition of the Florida Building Code (FBC). Mr. McGee understand fires stations requirements, programs and design criteria and will incorporat the full spectrum of engineered material knowledge (wood, aluminum, steel and concrete) and partner with the proposed design team to successfully prepare a design for the proposed Nassau County fire station.

SIMILAR WORK EXPERIENCE

CITY OF JACKSONVILLE FIRE STATION #56, Jacksonville, FL

Structural Engineer. Provided structural engineering services for the renovation of approximately 4,220 SF of existing building space; renovations of interior finishes, ceilings, MEP upgrades and reconfiguring interior spaces. The structural scope included design of repairs for a new door opening cut in an interior wall, wind design pressures for new window and repair for infill of slab opening at existing pipe pit to be demolished.

ST. LUCIE COUNTY FIRE STATION #5, Port St. Lucie, FL

Structural Engineer. For a new 8,300 SF single-story design with CMU exterior walls supporting wood roof trusses and grade supported shallow concrete foundations. The two-bay station includes office, kitchen, bathroom/locker rooms spaces with hallow grade supported concrete spread footings. The facility was designed to site specific wind loads based on a 3 second wind gust as prescribed using ASCE7-10 loading criteria. \$2.9M

CLAY COUNTY FIRE STATION #11 AND APPARATUS STORAGE BUILDING

Keystone Heights, FL

Structural Engineer. Providing Structural Engineering services and Construction Administration services for a new fire station building with a single-story apparatus bay and a two-story dorm and office building approximately 10,640 square feet total plan area. The structure of the building utilized load bearing CMU walls with a steel bar joist roof over the apparatus bay and includes the following features: 6-bay apparatus and a two-story dorm area that includes, workout space, a kitchen and two restroom/shower spaces along with an administrative office. The foundations were designed as shallow grade supported concrete spread footings. Structural design accommodations taken into consideration for the narrow site, which also required a variance for the side set-back.

FIRE STATION INSPECTIONS St. Lucie County, FL

Structural Engineer. For the on-site FEMA inspections for Fire Stations 1, 3, 5, 7, 8, 10, 11, 12, 14 and 15 in St Lucie County, Florida. The facility inspections included the walls, roofs, soffits and trusses specifically to identify elements which were not in compliance with new FBC building code requirements for an Emergency Operations Center. The observations resulted in strengthen the load bearing and lateral force resisting system elements for high velocity hurricane requirements.

INDIAN RIVER COUNTY FIRE DISTRICT – INSPECTIONS & PROTOTYPE REPLACEMENT

Indian River County, FL

Structural Engineer. For the fire station prototype design and Construction Administration services for nine new facilities located in Vero Beach, Sebastian, and Wabasso, Florida. Additional features of the stations included a secure drug and medicine storage area, full generator-powered electrical system, and workshop for repairs and lawn equipment. Station #13 included separate space for a small branch office for law enforcement, a biohazard wash-down area, heliport, and a truck refueling station. All stations were designed to sustain hurricane category 4 force winds. The structures were single story and constructed with concrete block and wood truss roofs. Special structural emphasis was applied to the roof design for the location of a non-sloped maintenance platform which was used as a work surface and to accommodate equipment. Railing designs were applied for the maintenance platforms that were near the roof edge.

AIRPORT RESCUE FIRE FIGHTING & RESCUE (ARFF) STATION

Indian River County, FL

Structural Engineer. Providing Structural Engineering services and Construction Administration services for the design of Station #4 located at the Treasure Coast International Airport which is equipped to respond to aviation emergencies and serve as a back up to the surrounding fire stations when needed.

FIRE TRAINING TOWER, INDIAN RIVER STATE COLLECT EMS

Indian River County, FL

Structural Engineer. Providing Structural Engineering services and Construction Administration services for the design of a training facility which included 4 Burn Rooms, Temperature Monitoring, Standpipe, Chop Outs, Rollover Simulator, Smoke Generator and Distribution System, Residential Attic, and Rappelling. The WHP Third Alarm consisted of a 4-story fire training tower, a two-story residential unit and a 1-story annex. Features include 12 single windows, 1 double window, 5 single doors, 1 double door and a temperature monitoring system. The tower has an interior 4-story stair, a ladder from the 4th floor to a roof hatch, a parapet roof system and 4 rappelling anchors. The industrial section includes a 4'-0" attic space, a gabled roof structure with perimeter welded guardrails and 2 chop-outs and a 2nd floor live fire burn room. The annex houses a second live fire burn room.

ROCLA RAILROAD TIE PLANT

Fort Pierce, FL

Structural Engineer. For a facility renovation that assisted a U.S. railroad track supply manufacturer's initiative to replace the wooden ties with concrete ties on the Florida East Coast routes. The structural designs took into account the longevity, functional and aesthetic requirements needed to support aggressive program requirements for the design of the self-contained batch plant components and equipment; 50' cement silos, an automated steam curing room, 20x25x12 cast in place material bins to store sand and aggregate, cranes and a ramp for front-end loaders to directly load the batch plant silos. The pre-engineered metal building with 12,000 SF standing seam metal roof was built upon a grade supported foundation with helical piling to support and stabilize the cement silos. The specifications for material handling and the overhead cranes interface with the concrete batch plant and conveying system required design of 40' eave height to provide interior clearance. Reinforcement design included CMU walls street side at full height, internal CMU walls at 10' and push walls and ramps to support the front-end loader's approach, access between the concrete batch plant and maintaining load design compliance of the conveyance system mechanical and electrical trenches. The longevity for the design also took into account physical location. As a hurricane vulnerable area, the structure was designed to withstand high velocity category IV wind loads.

Edward Eng, PE
MEP Engineer

As founding Principal of Eng Engineering, Inc. and over 30 years of experience in the engineering community, Mr. Eng brings a high level of quality design as well as a strong desire for building and maintaining long-term client relationships. This is exemplified through his desire for great customer service, attention to detail, and internal quality control. His strong background and diverse knowledge of mechanical, electrical, plumbing and fire protection systems has allowed him the ability to deliver design excellence and added value to client projects with a high level of client satisfaction. Mr. Eng performs mechanical, electrical, plumbing, fire protection engineering services, including production of design development and construction documents, specifications, and system cost analyses. His involvement in projects begins with the initial kick-off meeting through construction close-out. Mr. Eng is also a licenses plans examiner.

YEARS WITH FIRM: 30 years

PROFESSIONAL REGISTRATIONS

Professional Engineer: FL No. 36785; GA No. 19522 and 14 additional states.

Registered Standard Plans Examiner: FL No. PX1129

Certified Mechanical Contractor: CMC 1249938

PROFESSIONAL AFFILIATIONS

National Society of Professional Engineers

National Fire Protection Association

Florida Engineering Society

EDUCATION:

BS of Engineering, University of Florida

RELATED EXPERIENCE:

- Nassau Fire Station #60 – Bryceville, Florida
- JAA Maintenance Hangar 935 - Jacksonville, Florida
- Gainesville Regional Airport Air Rescue & Firefighting (ARFF) – Gainesville, Florida
- JAA (KCI) Hangar 915 - Jacksonville, Florida
- JEA Yulee WRF Wetlands Effluent Disposal - Jacksonville, Florida
- Tallahassee International Airport Renovations - Tallahassee, Florida
- United States Postal Service Repairs & Renovations Fernandina Beach Station - Fernandina Beach, Florida

G. Randy Downing PE, LEED AP

Site-Civil Engineer

Mr. Downing, a senior project manager, has more than 34 years of project management and design experience on all aspects of site development, including stormwater management, pavement and drainage, water and sewer, site planning, cost estimates, and specifications. His projects vary from planned communities and subdivisions to industrial, commercial, and institutional sites in the private and public sectors. He is proficient in many engineering software packages for analyzing stormwater management, water distribution systems, and coordinate geometry.

PROJECT EXPERIENCE

Fire Museum Drainage Modifications, City of Jacksonville – Project Manager. This project involved preparing engineering plans and permitting associated with drainage modifications required at the City's Fire Museum, which is located just west of Metropolitan Park along the north bank of the St. Johns River. Because the building is near the tidal river, groundwater intrusion was a problem. Services included designing a stormwater system to transport the rerouted drainage to the nearest existing stormwater management facility.

South Campus Fire Training Academy Burn Ship Prop, Florida State College at Jacksonville – Project Manager. The project involved site design for a LEED Gold-certified building. The site was designed to provide provisions for alternative transportation, maximize open space, maintain stormwater quality and quantity, and reuse recycled material. Construction included new concrete and asphalt paving, a wet detention stormwater pond, sidewalks, a nine-space parking lot with ADA accessibility, and a new classroom building. A major heat resistant concrete pad was constructed for the Marine Prop. Other features included a sanitary lift station and a bulkhead along the pond to facilitate withdrawing surface water.

Jacksonville Fire and Rescue Department Tactical Support Building ADA Deficiency Corrections, City of Jacksonville – Project Manager. This project involved site design services associated with ADA deficiency corrections at the City's Fire and Rescue Department Tactical Support Building. The project involved modifying the parking lot and sidewalk, including removing existing parking lot striping, adding an ADA parking space, restriping the remaining parking lot, and coordinating the accessibility between the ADA space and the proposed sidewalk.

Jacksonville Sheriffs Office Gun Range Administrative Building, City of Jacksonville – Project Manager. This project involved site civil engineering services for the Jacksonville Sheriffs Office Gun Range on the Montgomery Corrections Facility property. The project involved a new 11,000-square-foot classroom/office building to replace five modular trailers that were used for training. Services included design for sidewalks, restriping of an existing parking lot, a drainage collection system, site grading, a gravity sanitary sewer collection system, a lift station, potable water service connection, and erosion control. The team also provided permitting coordination.

Fleet Management Generator and Restroom Utilities, City of Jacksonville – Project Manager. This project involved site design associated with upgrades to the Jacksonville Fleet Management facility. Services included site design associated with replacement of a new 600-watt generator. Hanson also provided engineering services for utilities as part of a project to relocate restrooms for the facility.

Legends Center, City of Jacksonville – Senior Civil Engineer. This project involved a 38,000-square foot building to serve as a gymnasium/community center on a City of Jacksonville municipal park property. Services included design of a 200-stall parking lot, utility connections, and stormwater management facilities. The facility had to function as a hurricane shelter and Emergency Preparedness Center. The work included coordinating the lift station design for use as a storage vessel for wastewater during emergencies and providing for siting considerations for a potable water storage tank.



YEARS OF EXPERIENCE

34

EDUCATION

Bachelor of Science, Civil Engineering, Pennsylvania State University, 1981

PROFESSIONAL REGISTRATIONS

Registered Professional Engineer: Florida (No. 43269), 1990

Leadership in Energy and Environmental Design (LEED AP), 2009

PROFESSIONAL AFFILIATIONS

Member, American Society of Highway Engineers
Member, National Society of Professional Engineers
Member, Society of American Military Engineers
Member, Florida Engineering Society

CREDENTIALS AND TRAINING

Advanced Maintenance of Traffic Specifications Package Preparation
Access Management
Long Range Estimates (LREs)



Chantal Bowen PE

Site-Civil Engineer

Ms. Bowen has more than 34 years of multi-faceted engineering experience, including drainage and stormwater management, site planning, roadway geometric design, and pavement selection. She has a comprehensive background in water resources and environmental permitting with local, state, and federal regulatory agencies. Her project experience ranges from federal and state highway projects and large multi-land use developments to small private developments. She uses her expertise to provide project reviews for quality assurance/quality control on numerous projects.

PROJECT EXPERIENCE

Criminal Justice Center, Design Criteria Professional Services, Florida State College at Jacksonville – Project Manager. Verified program requirements and assisted with preparing Educational Specifications for the new Criminal Justice Center. Efforts included review of schematic design plans, 50% construction documents, and 100% construction documents to observe adherence to design criteria and general construction practices. Performed on-site construction observation for adherence to final construction documents. Civil review included site utilities, drainage, and paving. Assisted with final inspection and punch list.

Central Parkway Warehouse, University of North Florida (UNF), Jacksonville – Project Manager. This project involved designing site modifications required to accommodate the conversion of an existing warehouse into a new location for the UNF Physical Facilities Support Services Group. Existing parking lots and sidewalks were updated to match the new entrance locations and ADA requirements. Additional parking was added to account for the increased workforce housed in the building. A service yard was included that provided parking for larger trucks and various pieces of equipment, a wash-down area, bulk storage and a fueling station with storage tanks.

Skinner-Jones Hall Repurposing, University of North Florida, Jacksonville – Project Manager. As a site civil design subconsultant, Hanson provided engineering services associated with a two-phase expansion and renovation to Skinner-Jones Hall (Buildings 3 and 4). The project expanded the facility to house 13 departments with an enclosed project area of approximately 107,000 gross square feet of renovations and new construction. Site-civil design services included a demolition assessment, grading and drainage design, ADA accessibility, site geometry, utility locating and relocation, rerouting the electrical main to existing buildings, water main layout for fire hydrant installations within the interior courtyard, and permit coordination. The project was LEED Silver-certified.

Douglas Anderson School of the Arts Building Addition, Duval County Public Schools, Jacksonville – Project Manager. This project involved providing engineering services to prepare site civil engineering plans and permitting associated with a new building addition. The project included renovation of existing interior and exterior spaces; removal of a loading dock; and addition of a new two-story, 60,000-square-foot classroom/cafeteria building with new parking, access, and service roads, outside patio dining area, amphitheater, and a stormwater management facility. The facility's design complies with the Enhanced Hurricane Protection Area design criteria for use as an emergency shelter.

Student Wellness and Sports Education Center, University of North Florida, Jacksonville – Project Manager. This project involved site civil design for a 100,000-square-foot, multi-level, state-of-the-art athletic facility. The project involved site design to accommodate two phases of demolition and construction. Site improvements included modification of an existing parking lot to accommodate ADA parking and service truck deliveries, modification to site utilities including water, sewer, and fire to accommodate the new building, site grading, and stormwater management design and permitting.



YEARS OF EXPERIENCE

34

EDUCATION

Bachelor of Science, Civil Engineering, University of Florida, 1985

PROFESSIONAL REGISTRATIONS

Registered Professional Engineer: Florida (No. 43223), 1990

PROFESSIONAL AFFILIATIONS

Member, Florida Engineering Society
Member, National Society of Professional Engineers
Member, American Society of Highway Engineers
Member, Society of American Military Engineers



Dustin Hampton, PE, CFM – Civil Engineer

Mr. Hampton, a civil engineer and certified floodplain manager, assists with engineering tasks on a variety of projects, providing drainage and roadway design, modeling, studies, reports, and CADD. He is experienced in MicroStation, ICPR, XP-SWMM, and Microsoft Office software. He has extensive experience with providing engineering services to enhance the functionality and appearance of community parks and other recreational facilities, having designed sport fields and courts, drainage, and water and sewer infrastructure for these facilities. In addition, Mr. Hampton performs inspections of precast concrete drainage structures and pipes throughout the United States.

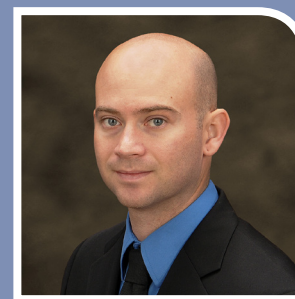
PROJECT EXPERIENCE

Fire Museum Drainage Modifications, City of Jacksonville. Project engineer. This project involved preparing engineering plans and permitting associated with drainage modifications required at the City's Fire Museum, which is located just west of Metropolitan Park along the north bank of the St. Johns River. Because the building is near the tidal river, groundwater intrusion was a problem. Services included designing a stormwater system to transport the rerouted drainage to the nearest existing stormwater management facility.

Southside Senior Center, City of Jacksonville. Project engineer. Responsible for determining floodplain impacts, providing compensation analysis, and permitting coordination with the City of Jacksonville and St. Johns River Water Management District. This project involves providing final design, construction documents, and permitting assistance for a new senior center at Beach and Peach Urban Park. Services include designing site geometry, grading, drainage, a stormwater management facility to meet the site's needs, potable water and fire main laterals, a sanitary lift station and force main, and erosion and sediment control.

9A/Baymeadows Regional Park Planning and Design, City of Jacksonville. Project engineer. Hanson provided planning and design for this 23-acre regional park east of I-295 in south Jacksonville. Hanson has administered the creation of this park in phases from the master planning level through final design and construction of various elements. Amenities included an entrance road connecting to Baymeadows Road East, several restroom facilities, playground, two multi-use playing fields, seven tennis courts (asphalt and clay), four pickle ball courts, a tennis pro shop/restroom facility, four lighted baseball fields, restroom/concession facility, and a 5,500-square-foot batting facility.

Lonnie Miller Park Improvements, City of Jacksonville. Project engineer. Provided plans production, drainage and utility design, geometry layout, and subconsultant coordination. As a subconsultant, Hanson provided civil engineering design services for a design criteria package for several new venues at Lonnie C. Miller Sr. Regional Park. Design services included stormwater collection systems, water and sewer infrastructure, and challenging grading restrictions due to the presence of contaminants in the form of ash.



YEARS OF EXPERIENCE

6

EDUCATION

M.S., Civil Engineering,
University of North Florida,
2017

B.S., Civil Engineering,
University of Florida,
2013

LICENSES/ REGISTRATIONS

Professional Engineer,
FL

Certified Floodplain
Manager

PROFESSIONAL AFFILIATIONS

Member, Engineers
Without Borders, Florida
Chapter

CREDENTIALS AND TRAINING

Concrete Field Testing
Technician – Grade I



SECTION 3

Proposed Schedule

Bid No: NC19-006 Fire Station 71

03

SECTION 3 Proposed Schedule

Act ID	Description	Orig Dur	Early Start	Early Finish	2019			2020												2021																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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Startdate 09/18/19
 Finish date 12/01/20
 Data date 09/18/19
 Run date 08/06/19
 Page number 1A
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Core Construction Company
 D/B-Nassau County Fire Station 71

Early bar
 Progress bar
 Critical bar
 Summary bar
 Start milestone point
 Finish milestone point

Act ID	Description	Orig Dur	Early Start	Early Finish	2019			2020												2021	
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB
1270	Stone and Asphalt pave	10	07/27/20	08/07/20																	
1710	Landscape	5	08/10/20	08/14/20																	
1900	Install Fence/ Dumpster enclosure	5	08/17/20	08/21/20																	
1280	Stripe/ Sign	2	08/31/20	09/01/20																	
Concrete (Div 3)																					
1290	Concrete Footings	15	04/13/20	05/01/20																	
1350	Form Conc. Slab	5	05/04/20	05/08/20																	
1310	Concrete Pour & Finish Slab	5	05/25/20	05/29/20																	
Masonry (Div 4)																					
1330	Install CMU walls	15	06/01/20	06/19/20																	
1490	Install Dumpster Enclosure CMU	3	06/22/20	06/24/20																	
Carpentry (Div 6)																					
1980	Install Wood Trusses/ Roof	15	06/22/20	07/10/20																	
1910	Millwork Install	5	11/11/20	11/17/20																	
Roofing (Div 7)																					
1400	Install asphalt shingle roofing/	10	07/13/20	07/24/20																	
1960	Install Spray Insulation	3	09/11/20	09/15/20																	
Doors/ Hardware (Div 8)																					
1390	Install Windows Blocking/ Windows	10	07/13/20	07/24/20																	
1880	Install OH Doors	5	07/27/20	07/31/20																	
1370	Install Doors/ Hardware	10	10/12/20	10/23/20																	
Finishes (Div 9)																					
1450	Interior Mtl. Framing	15	07/27/20	08/14/20																	
1420	Install Dry wall/Tape & Finish	20	09/14/20	10/09/20																	
1430	Interior Painting	15	10/12/20	10/30/20																	

Startdate 09/18/19
 Finish date 12/01/20
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 Run date 08/06/19
 Page number 2A
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Core Construction Company
 D/B--Nassau County Fire Station 71

Early bar
 Progress bar
 Critical bar
 Summary bar
 Start milestone point
 Finish milestone point

Act ID	Description	Orig Dur	Early Start	Early Finish	2019			2020												2021	
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB
1640	ACT Grid	10	10/26/20	11/06/20																	
1990	Install Ceramic Tile	5	11/02/20	11/06/20																	
2000	Install LVT	5	11/09/20	11/13/20																	
1780	ACT Tiles	10	11/12/20	11/25/20																	
Specialties																					
1470	Toilet Accessories	5	11/09/20	11/13/20																	
MEP																					
HVAC																					
1300	HVAC Rough	25	08/17/20	09/18/20																	
1830	Install HVAC Equipment	5	09/21/20	09/25/20																	
1320	HVAC Finish Trim	3	11/09/20	11/11/20																	
1800	Test & Balance	2	11/26/20	11/27/20																	
Plumbing																					
1380	Under slab Plumbing Rough	10	05/11/20	05/22/20																	
1750	Plumbing Rough	15	08/07/20	08/27/20																	
1770	Plumbing Finish Trim	5	11/18/20	11/24/20																	
Electrical																					
1440	Under slab electrical rough	10	05/11/20	05/22/20																	
1740	Electrical Rough	25	08/07/20	09/10/20																	
1760	Electrical Finish Trim/ Data/Comm	15	11/02/20	11/20/20																	
1790	Electrical Light Fixtures	10	11/09/20	11/20/20																	
Project Closeout																					
1220	Substantial Completion	0		11/13/20																	
1230	Final Inspection	1	11/16/20	11/16/20																	
1610	Final Clean	2	11/16/20	11/17/20																	
1190	Certificate of Occupancy	1	11/17/20	11/17/20																	
1620	Project Punchout	10	11/18/20	12/01/20																	
1630	Owner Occupancy	0		12/01/20																	

Startdate 09/18/19
 Finish date 12/01/20
 Data date 09/18/19
 Run date 08/06/19
 Page number 3A
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Core Construction Company
 D/B--Nassau County Fire Station 71

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 Start milestone point
 Finish milestone point



SECTION 4

Innovative Aspects (N/A)

Bid No: NC19-006 Fire Station 71

04

SECTION 4 Innovative Aspects (N/A)



SECTION 5

Quality Management Plan

Bid No: NC19-006 Fire Station 71

05

SECTION 5 Quality Management Plan

DESIGN QUALITY MANAGEMENT PLAN

Our Design-Build Team lead members all reviewed Fire Station 71 Design Quality Manage Plan on Section 5 of the RFP. We all understand the information and will adhere to its procedures.

The following Table serves as a sample for the various components and the responsible parties:

Discipline	Team Responsible	P H A S E		
		Design*	Documentation*	CA - Construction*
Architecture	VIA Concepts, LLC	X	X	X
Civil	Hanson-Inc	X	X	X
Structural	G.M. Hill Engineering	X	X	X
MEP & FP	Eng Engineering, Inc	X	X	X
Construction	Core Construction			X
IT/Tel	Core, Sub-Contractor	X	X	X
Permitting	A&E	X	X	
Framing	Core, Sub-Contractor	X	X	X

* All disciplines will have coordinating member during each phase with the A&E.

Our Design-Build Team views projects as an integral whole; we see building projects as the old master builder concepts. We understand the many approaches to building such as the three most common: design/bid/build, construction management, and design-build. However, we view our project as a holistic process and use the new Master Builder concepts of a seamless unified approach. The design is created with the construction process in mind. All processes are integrated and the team can implement them at the same time whenever possible. This includes: constructability, fit & finish, and means & methods during the design phase. The coordination is not effortful. Conflict and communication issues are minimized and worked out prior of becoming an issue. With the new Master Builder method, scheduling and budgeting will be more precise. The Master Builder process encourages and fosters smooth interface between planning, design, and construction completion. The quality and integrity of the Client's original aspiration is reflected though out the project. All of our professional team members stay with the project from start to finish. For instance, during the design phase, our designer and our technical document staff are responsible for parts of the constructability, coordination and "value engineering". At each phase, the group evaluates the design components with a strong eye for detail as part of the constructability review. Means and methods along with fit and finish are the focus and this will minimize and perhaps eliminate the "value engineering" process.



SECTION 6

Required Forms

Bid No: NC19-006 Fire Station 71

06

SECTION 6 Required Forms

Form 5-A

BID BOND

Any singular reference to Bidder, Surety, Owner, or other party shall be considered plural where applicable.

BIDDER (Name and Address):

Core Construction Company
8375 Baymeadows Way
Jacksonville, FL 32256

SURETY (Name and Address of Principal Place of Business):

The Gray Insurance Company
P.O. Box 6202
Metairie, LA 70009 - 6202

OWNER (Name and Address):

Nassau County Board of County Commissioners
96135 Nassau Place, Suite 1, Yulee, FL 32097

BID

Bid Due Date: Tuesday, August 6, 2019

Project (Brief Description Including Location): Fire Station 71 Design/Build

BOND

Bond Number: BID

Date (Not later than Bid due date): August 6, 2019

Penal Sum: Five Percent of Amount Bid

(Words)

5%

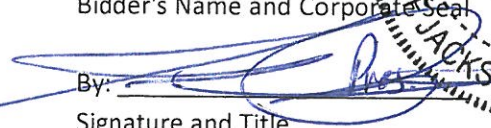
(Figures)

Surety and Bidder, intending to be legally bound hereby, subject to the terms printed on the reverse side hereof, do each cause this Bid Bond to be duly executed on its behalf by its authorized officer, agent, or representative.

BIDDER

Core Construction Company

Bidder's Name and Corporate Seal

By: 

Signature and Title

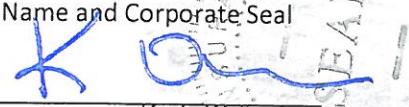


SURETY

The Gray Insurance Company

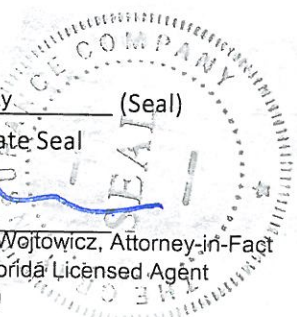
(Seal)

Surety's Name and Corporate Seal

By: 

Signature and Title

Kevin Wojtowicz, Attorney-in-Fact
and Florida Licensed Agent
(Attach Power of Attorney)



Attest: _____
Signature and Title

Attest: 
Signature and Title Tracey Boone, Witness as
to Surety

Note: Above addresses are to be used for giving required notice.

DAMAGES FORM

1. Bidder and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to pay to the County upon default of Bidder any difference between the total amount of Bidder's Bid and the total amount of the Bid of the next lowest, responsible Bidder who submitted a responsive Bid as determined by the County for the work required by the Contract Documents, provided that:

- 1.1. If there is no such next Bidder, and the County does not abandon the Project, then Bidder and Surety shall pay to the County the penal sum set forth on the face of this Bond, and
- 1.2. In no event shall Bidder's and Surety's obligation hereunder exceed the penal sum set forth on the face of this Bond.

2. Default of Bidder shall occur upon the failure of Bidder to deliver within the time required by the Bidding Documents (or any extension thereof agreed to in writing by the County) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents.

3. This obligation shall be null and void if:

- 3.1. The County accepts Bidder's Bid and Bidder delivers within the time required by the Bidding Documents (or any extension thereof agreed to in writing by the County) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents, or
- 3.2. All Bids are rejected by the County, or
- 3.3. The County fails to issue a Notice of Award to Bidder within the time specified in the Bidding Documents (or any extension thereof agreed to in writing by Bidder and, if applicable, consented to by Surety when required by Paragraph 5 hereof).

4. Payment under this Bond will be due and payable upon default by Bidder and within 30 calendar days after receipt by Bidder and Surety of written notice of default from the County, which notice will be

given with reasonable promptness, identifying this Bond and the Project and including a statement of the amount due.

5. Surety waives notice of any and all defenses based on or arising out of any time extension to issue Notice of Award agreed to in writing by the County and Bidder, provided that the total time for issuing Notice of Award including extensions shall not in the aggregate exceed 120 days from Bid due date without Surety's written consent.

6. No suit or action shall be commenced under this Bond prior to 30 calendar days after the notice of default required in Paragraph 4 above is received by Bidder and Surety and in no case later than one year after Bid due date.

7. Any suit or action under this Bond shall be commenced only in a court of competent jurisdiction located in the state in which the Project is located.

8. Notices required hereunder shall be in writing and sent to Bidder and Surety at their respective addresses shown on the face of this Bond. Such notices may be sent by personal delivery, commercial courier, or by United States Registered or Certified Mail, return receipt requested, postage pre-paid, and shall be deemed to be effective upon receipt by the party concerned.

9. Surety shall cause to be attached to this Bond a current and effective Power of Attorney evidencing the authority of the officer, agent, or representative who executed this Bond on behalf of Surety to execute, seal, and deliver such Bond and bind the Surety thereby.

10. This Bond is intended to conform to all applicable statutory requirements. Any applicable requirement of any applicable statute that has been omitted from this Bond shall be deemed to be included herein as if set forth at length. If any provision of this Bond conflicts with any applicable statute, then the provision of said statute shall govern and the remainder of this Bond that is not in conflict therewith shall continue in full force and effect.

11. The term "Bid" as used herein includes a Bid, offer, or proposal as applicable.

THE GRAY INSURANCE COMPANY
THE GRAY CASUALTY & SURETY COMPANY

GENERAL POWER OF ATTORNEY

Bond Number: BID Principal: Core Construction Company

Project: Bid No. NC19-006 - Fire Station 71

KNOW ALL BY THESE PRESENTS, THAT The Gray Insurance Company and The Gray Casualty & Surety Company, corporations duly organized and existing under the laws of Louisiana, and having their principal offices in Metairie, Louisiana, do hereby make, constitute, and appoint Kevin Wojtowicz, Daniel F. Oaks, Jessica Reno, Devin Phillips, and Laura D. Mosholder of St. Petersburg, Florida jointly and severally on behalf of each of the Companies named above its true and lawful Attorney(s)-in-Fact, to make, execute, seal and deliver, for and on its behalf and as its deed, bonds, or other writings obligatory in the nature of a bond, as surety, contracts of suretyship as are or may be required or permitted by law, regulation, contract or otherwise, provided that no bond or undertaking or contract of suretyship executed under this authority shall exceed the amount of \$10,000,000.00.

This Power of Attorney is granted and is signed by facsimile under and by the authority of the following Resolutions adopted by the Boards of Directors of both The Gray Insurance Company and The Gray Casualty & Surety Company at meetings duly called and held on the 26th day of June, 2003.

"RESOLVED, that the President, Executive Vice President, any Vice President, or the Secretary be and each or any of them hereby is authorized to execute a power of Attorney qualifying the attorney named in the given Power of Attorney to execute on behalf of the Company bonds, undertakings, and all contracts of surety, and that each or any of them is hereby authorized to attest to the execution of such Power of Attorney, and to attach the seal of the Company; and it is

FURTHER RESOLVED, that the signature of such officers and the seal of the Company may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be binding upon the Company now and in the future when so affixed with regard to any bond, undertaking or contract of surety to which it is attached.

IN WITNESS WHEREOF, The Gray Insurance Company and The Gray Casualty & Surety Company have caused their official seals to be hereinto affixed, and these presents to be signed by their authorized officers this 12th day of September, 2011.



By:

Michael T. Gray
Michael T. Gray
President, The Gray Insurance Company
and
Vice President,
The Gray Casualty & Surety Company

Attest:

Mark S. Manguno
Mark S. Manguno
Secretary,
The Gray Insurance Company,
The Gray Casualty & Surety Company



State of Louisiana

ss:

Parish of Jefferson

On this 12th day of September, 2011, before me, a Notary Public, personally appeared Michael T. Gray, President of The Gray Insurance Company and Vice President of The Gray Casualty & Surety Company, and Mark S. Manguno, Secretary of The Gray Insurance Company and The Gray Casualty & Surety Company, personally known to me, being duly sworn, acknowledged that they signed the above Power of Attorney and affixed the seals of the companies as officers of, and acknowledged said instrument to be the voluntary act and deed, of their companies.



Lisa S. Millar

Lisa S. Millar, Notary Public, Parish of Orleans
State of Louisiana
My Commission is for Life

I, Mark S. Manguno, Secretary of The Gray Insurance Company and The Gray Casualty & Surety Company, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney given by the companies which is still in full force and effect.

IN WITNESS WHEREOF, I have set my hand and affixed the seals of the Companies this 6th day of August 2019



SEAL

Mark S. Manguno

Mark S. Manguno, Secretary
The Gray Insurance Company
The Gray Casualty & Surety Company

Form 5-B

FLORIDA TRENCH SAFETY ACT CERTIFICATION

Bidder acknowledges that included in the various items of the proposal and in the Total Bid Price are costs for complying with the Florida Trench Safety Act (90-96, Laws of Florida) as modified October 1, 2008. The Bidder further identifies the costs to be summarized below:

	Cost
1. Trench Safety Act Compliance	\$ <u>2,000</u>
2. Special Shoring	\$ <u>5,000</u>

Identify method of compliance for Item #1: per OSHA compliance

Identify or attach a copy of Special Shoring requirements for Item #2: per OSHA compliance

The undersigned certifies that he/she is the Contractor who will perform the trench excavation for this project, and hereby gives written assurance that Contractor will comply with the applicable trench safety standards specifically set forth in Florida's Trench Safety Act, Laws of Florida, 90-96.

BIDDER: Core Construction Company of Jacksonville Inc.

By: [Signature]

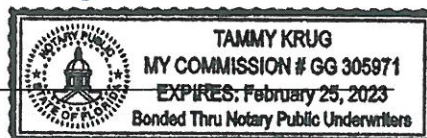
Name: Jay H Chung

Title: President

Sworn to and subscribed before me this 6th day of August, 2019.

[Signature]
Notary Public

My Commission Expires: _____



Form 5-C

NONCOLLUSION AFFIDAVIT

TO: The Nassau County BOCC, herein called the "County."

Pursuant to bidding requirements for the work titled "Fire Station 71 Design/Build
_____,"

the enclosed contract documents shall be provided to the County.

State of Florida

County of Duval

Jay H Chung, being first duly sworn,
deposes, and says that:

- A. He is President (officer's title)
of Core Construction Company of Jacksonville Inc (company name),
the Bidder that has submitted the attached bid;
- B. He is fully informed respecting the preparation and contents of the attached bid and of
all pertinent circumstances respecting such bid;
- C. Such bid is genuine and is not a collusive or sham bid;
- D. Neither the said Bidder nor any of its officers, partners, owners, agents, representatives,
employees, or parties in interest, including this affiant, has in any way colluded,
conspired, connived, or agreed, directly or indirectly with any other Bidder, firm, or
person to submit a collusive or sham bid in connection with the contract for which the
attached bid has been submitted or to refrain from bidding in connection with such
contract, or has in any manner, directly or indirectly, sought by agreement or collusion
or communication or conference with any other Bidder, firm, or person to fix the price
or prices in the attached bid or of any other Bidder, or to fix any overhead, profit, or
cost element of the bid price or the bid price of any other Bidder, or to secure through
any collusion, conspiracy, connivance, or unlawful agreement any advantage against the
County or any person interested in the proposed contract; and

- E. The price or prices quoted in the attached bid are fair and proper and are not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the Bidder or any of its agents, representatives, owners: employees, or parties in interest, including this affiant.

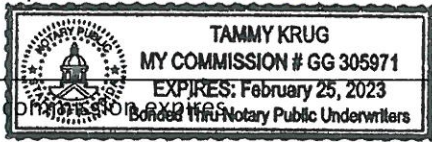
(Signed) _____

Jay H Chung

Subscribed and sworn to before me

this 6th day of August, 2019.

Tammy Krug
Notary Public



My

Form 5-D

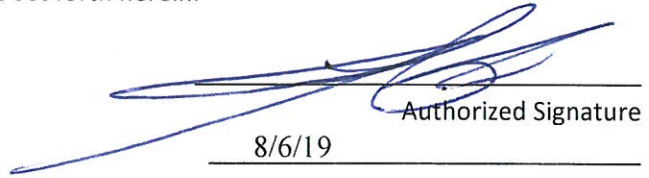
DRUG FREE WORKPLACE CERTIFICATE

I, the undersigned, in accordance with Florida Statute 287.087, hereby certify that _____

Core Construction Company of Jacksonville Inc (print or type name of firm)

- Publishes a written statement notifying that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance in the workplace named above, and specifying actions that will be taken against violations of such prohibition.
- Informs employees about the dangers of drug abuse in the workplace, the firm's policy of maintaining a drug free working environment, and available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug use violations.
- Gives each employee engaged in providing commodities or contractual services that are under bid or proposal, a copy of the statement specified above.
- Notifies the employees that as a condition of working on the commodities or contractual services that are under bid or proposal, the employee will abide by the terms of the statement and will notify the employer of any conviction of, plea of guilty or nolo contendere to, any violation of Chapter 1893, or any controlled substance law of the State of Florida or the United States, for a violation occurring in the work place, no later than five (5) days after such conviction, and requires employees to sign copies of such written statement to acknowledge their receipt.
- Imposes a sanction on, or requires the satisfactory participation in, a drug abuse assistance or rehabilitation program, if such is available in the employee's community, by any employee who is so convicted.
- Makes a good faith effort to continue to maintain a drug free work place through the implementation of a drug free work place program.

"As a person authorized to sign a statement, I certify that the above named business, firm, or corporation complies fully with the requirements set forth herein."



Authorized Signature
8/6/19

Date Signed

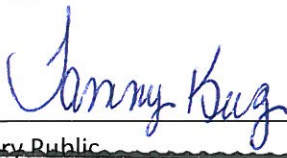
State of: Florida

County of: Duval

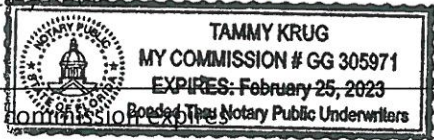
Sworn to and subscribed before me this 6th day of August, 20 19

Personally known or Produced Identification _____

(Specify type of Identification)



Notary Public

My commission expires  _____

Notary Public Underwriters

NASSAU COUNTY

SWORN STATEMENT UNDER SECTION 287.133(3)(a), FLORIDA STATUTES,

ON PUBLIC ENTITY CRIMES

TO BE RETURNED WITH BID

THIS MUST BE SIGNED IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICER AUTHORIZED TO ADMINISTER OATHS

1. This sworn statement is submitted with Bid, Proposal or Contract for Fire Station 71 Design Build.
2. This sworn statement is submitted by Core Construction Company of Jax Inc. (entity submitting sworn statement), whose business address is 8375 Baymeadows Way Jacksonville FL 32256 and its Federal Employee Identification Number (FEIN) is 16-1659018. (if the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement: _____).
3. My name is Jay H Chung (please print name of individual signing), and my relationship to the entity named above is President.
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, any leases for real property, or any contract for the construction or repair of a public building or public work, 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, or 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 or a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

6. I understand that an "affiliate" as defined in paragraph 287.133(1)(a), Florida Statutes, means:
- a) A predecessor or successor of a person convicted of a public entity crime; or
 - b) An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not to fair market value under an arm's length agreement, shall be 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 thirty-six (36) months shall be considered an affiliate.
7. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into binding contract and which bids or applies to bid on contracts 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.)

 X Neither the entity submitting this sworn statement, nor any of its 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 of 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 officer 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 placed on the convicted vendor list. (Please describe any action taken by or pending with the Department of General Services.)


(Signature)

8/6/19

(Date)

STATE OF FLORIDA

COUNTY OF Duval

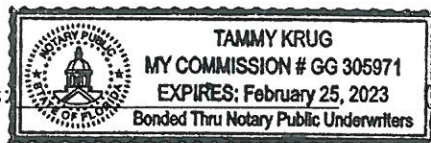
PERSONALLY APPREAEED BEFORE ME, the undersigned authority, Jay H Chung, who,
after first being sworn by me, affixed his/her signature in the space provided above on this 6th
day of

August, 2019.

Tammy Krug

(Notary Public)

My Commission Expires:



(Seal)