



STATEMENT OF QUALIFICATIONS
PROFESSIONAL ARCHITECTURAL AND ENGINEERING
SERVICES FOR ARCHITECTURAL TYPE PROJECTS
JEFFERSON PARISH, LOUISIANA
RESOLUTION No. 139630 | SOQ 22—026



Submitted To:



JEFFERSON PARISH COUNCIL
ATTN: MELISSA OVALLE, BUYER
GENERAL GOVERNMENT BUILDING
200 DERBIGNY STREET, SUITE 4400
GRETNA, LA 70053

Submitted By:

ECM Consultants, Inc.

1301 Clearview Parkway, Suite 200, Metairie, Louisiana 70001

Telephone: 504-885-4080 • Fax: 504-885-1439

kazem@ecmconsultants.com

In association with:

Gulf South Engineering and Testing, Inc.

BFM Corporation

IMC Consulting Engineers, Inc.

June 10, 2022

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ECM Consultants, Inc.

Engineers • Architects • Construction Managers

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Baton Rouge, LA 70809
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Lafayette, LA 70508
Phone (504) 885-4080

Jefferson Parish Council
Attn: Ms. Melissa Ovalle, Buyer
General Government Building
200 Derbigny Street, Suite 4400
Gretna, LA 70053

June 10, 2022

Re: Letter of Interest and Statement of Qualifications
Professional Architectural and Engineering Services for Architectural Type Projects
Resolution No. 139630 | SOQ 22-026

Jefferson Parish Council:


ECM Consultants, Inc., a Metairie based engineering, architectural, and construction management firm, is pleased to submit our Statement of Qualifications in response to your Request for Qualifications (TEC Questionnaire) for the above referenced project.

Our firm has extensive experience in architectural and engineering designs, preparing of plans, specifications and estimates (PS&E), bidding and construction administration services, for a number of buildings and warehouse projects, both new construction and renovations. We have provided A-E services for many relevant projects such as the Jefferson Parish Public Works Warehouse Facility in Bridge City, State Emergency Warehouse for GOHSEP in Slidell, Aircraft Rescue and Fire Fighting (ARFF) Facility at Louis Armstrong New Orleans International Airport, data center for JPPSS, vehicle maintenance building for City of New Orleans Capital Projects, as well as many building renovation projects for HANO, Port of New Orleans, NOAB, and many schools for OPSB & JPPSS. Additionally, we have provided engineering during construction, inspection and construction management for facilities for SLFPA-E, HUD, HANO, USACE and several other agencies.

Our team includes BFM Corporation to provide any potential surveying services, Gulf South Engineering & Testing to provide geotechnical services, and IMC Consulting Engineers to provide mechanical, electrical, and plumbing engineering services. All three firms are located within Jefferson Parish and have substantial experience working with the Jefferson Parish on the types of projects anticipated under this contract.

We thank you for your time in reviewing our qualifications and hope our interest will receive favorable consideration. Should you have any questions or require any additional information, please contact me.

Very truly yours,



Kazem Alikhani, P.E.
Chief Executive Officer

Section 1

ECM Consultants, Inc.

TEC Professional Services

Questionnaire

A. Project Name and Advertisement Resolution Number:

Professional Architectural and Engineering Services for Architectural Type Projects
Resolution No. 139630 – SOQ 22 - 026

B. Firm Name & Address where Project work will be performed:

ECM Consultants, Inc.

1301 Clearview Parkway, Suite 200
 Metairie, LA 70001

**C. Name, title and contact information of Principal as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana:**

Ujjal Dasgupta, P.E., Chief Executive Officer
Louisiana Licensed Professional Engineer
P.E. License No. 19849
Tel: (504) 885-4080 Fax: (504) 885-1439
Email: ujjal@ecmconsultants.com

D. Name, title and contact information of employee who is registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline.**PROFESSIONAL IN CHARGE OF PROJECT****Architect**

N. Guy Williams, RA, NCARB, LEED
Louisiana Licensed Registered Architect
LA Architecture License No. 3907
Tel: (504) 885-4080 Fax: (504) 885-1439
Email: gwilliams@ecmconsultants.com

E. Please provide the number of employees whose primary function corresponds with each category:

<u>6</u> Administrative	<u>0</u> Estimators	<u>0</u> Specification Writers
<u>1</u> Architects	<u>0</u> Geologists	<u>3</u> Structural Engineers
<u>0</u> Chemical Engineers	<u>0</u> Geotechnical Engineers	<u>0</u> Graduate Engineers
<u>13</u> Civil Engineers	<u>0</u> Interior Designers	<u>4</u> Project Managers
<u>26</u> Construction Inspectors	<u>0</u> Landscape Architects	<u>0</u> Clerical
<u>0</u> Ecologists	<u>0</u> Land Surveyor	<u>0</u> Grant/Fund Specialists
<u>1</u> Electrical Engineers	<u>2</u> Mechanical Engineers	<u>0</u> Sanitary Engineers
<u>3</u> Engineer Intern	<u>0</u> Environmental Engineers	<u>0</u> Graduate Architect
<u>0</u> Professional Land Surveyors	<u>3</u> CAD Technicians	
<u>0</u> Civil Engineer (Licensed in another state)		
		<u>62</u> TOTAL

F. Is this submittal by a JOINT-VENTURE? Please check: YES NO ☒

If marked "NO" skip to Section I. if Marked "yes" complete Sections G-H.

G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary.

1. N/A

2. N/A

H. Has this JOINT-VENTURE previously worked together? Please check
YES NO N/A

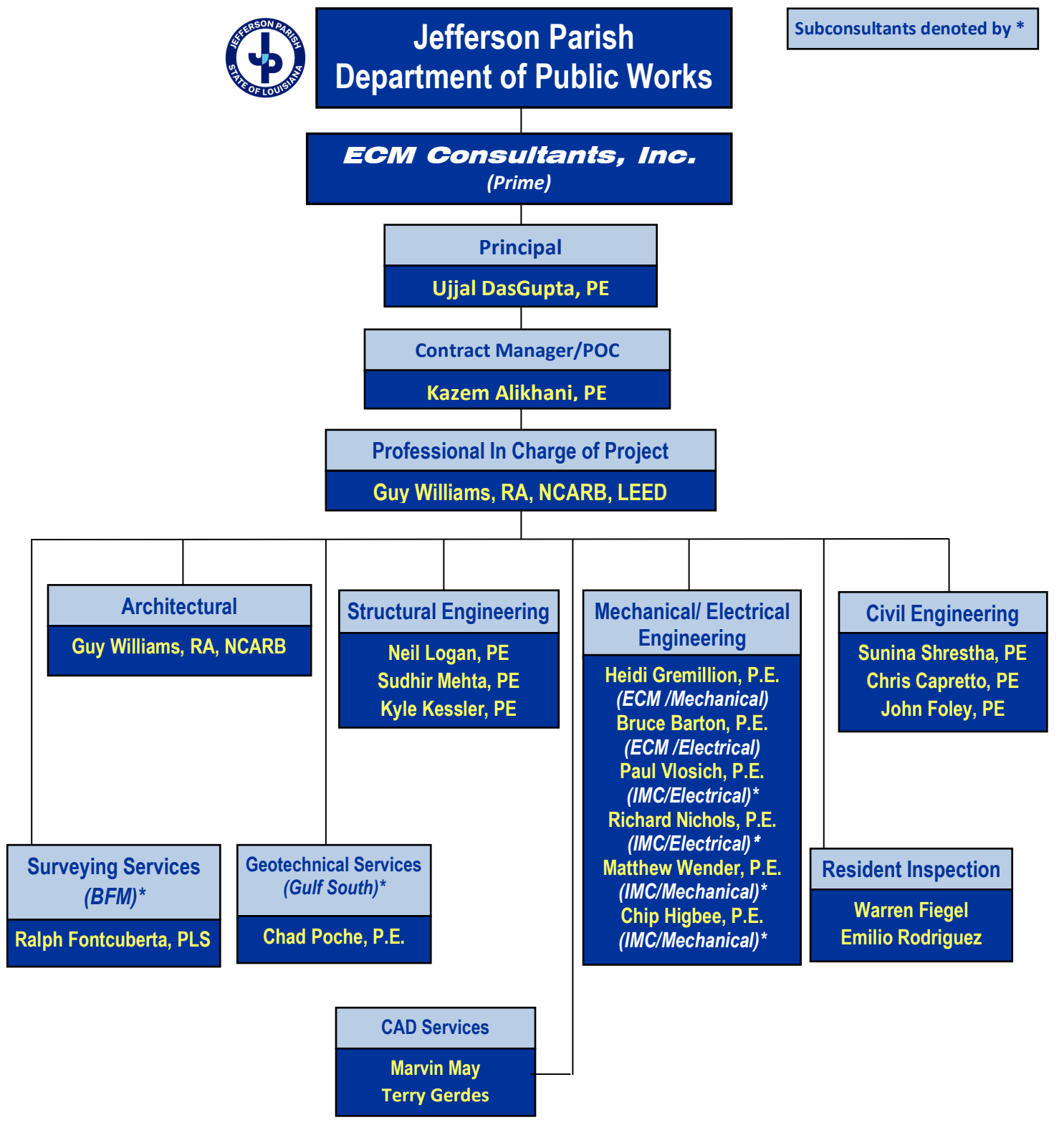
I. List all subcontractors anticipated for this Project. Please note that all subcontractors must submit a fully completed copy of this questionnaire, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. Gulf South Engineering & Testing, Inc. 15 Veterans Blvd. Kenner, LA 70062	Geotechnical Engineering	YES
2. BFM Corporation 15 Veterans Blvd. Kenner, LA 70062	Surveying Services	YES
3. IMC Consulting Engineers, Inc. 2714 Independence St. Metairie, LA 70006	Mechanical and Electrical Engineering	YES

J. Please specify the total number of support personnel that may assist in the completion of this Project: 6 to 8

K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e., resume) that demonstrates the employment history and experience of the Firm's key persons that may assist in the completion of this Project. Please attach additional page if necessary.

ECM Organizational Chart



PROFESSIONAL IN CHARGE OF PROJECT:
Name & Title:

Guy Williams, RA, NCARB, LEED - Senior Architect

Project Assignment:

Project Manager/ Architect of Record

Name of Firm with which Associated:

ECM Consultants, Inc.


Years' experience with this Firm:

19

Education: Degree(s)/Year/Specialization:

B.A./ 1983/ Architecture

Active registration: Year first registered/discipline:

Architecture/ LA License No. 3907

Other experience and qualifications relevant to the proposed Project:

Mr. Williams has more than 37 years of experience in architectural design, preparation of construction documents, and construction management for public agency and private sector projects. He is experienced in renovation and repair projects, and new construction including aviation, military, educational, government, and commercial facilities. As Senior Architect at ECM, he is responsible for management of all architectural projects and supervision of architects and drafters and provides construction management for several projects.

Employment History:

- ECM Consultants Inc, LA, *Sr. Architect* (2005-to date)
- Case Design Group/Carl E. Woodward, Inc. *Staff Architect* (1995-2005)
- Walk, Haydel & Associates, *Staff Architect* (1985-1995)

Jefferson Parish Public Works Warehouse-DPW, Jefferson Parish, LA: Mr. Williams provided **architectural design services** for this \$5M project involving a 50,000 sq. ft warehouse for the Department of Public Works to store supplies for the West Bank of Jefferson Parish. Professional services include initial scoping with Parish officials and building users; cost analysis and estimating for budget purposes; and full design and construction administration services. The scope also included associated administrative offices, repair and service pick-up areas; storage for gas cylinders; fenced-in yard storage; and on-site fueling for Parish vehicles. The facility will be a pre-engineered steel building designed to meet all applicable codes including the current wind-loading requirements.

Renovations & Repairs at Various Schools, Jefferson Parish Public School System, LA: Mr. Williams served as Project Manager for several repair and renovation projects for Jefferson Parish Schools including Riverdale Middle and High Schools, Ellender, J.C. Ellis and Bissonet Plaza Elementary Schools. Mr. Williams provided a full range of design and construction administration services for renovations and repairs including replacing windows and doors, replacing ceiling tile, replacing flooring, renovating cafeteria buildings, libraries, media centers, renovating conference rooms, etc.

On-Call A-E Services for Revitalization & Modernization of HANO Properties, T.O. No. 1 Interior Renovations & Site Improvements at Iberville Housing Development, New Orleans, LA: Mr. Williams served as Project Manager and **Architect of Record** providing architectural design, construction administration and supervision of construction quality assurance inspection for this \$8 million HANO project involving interior renovations and site improvements. He was responsible for design of community play areas, kitchen cabinet replacement/upgrades, wall repair and painting, new flooring, and new unit door entry hardware systems for entire project. Scope of work also involved architecturally designed trash enclosures, development of new vehicular circulation throughout entire site, and reworking antiquated plumbing systems.

On-Call A-E Services for Revitalization & Modernization of HANO Properties, T.O. No. 2 Guste High Rise Senior Housing Renovations, New Orleans, LA: Mr. Williams provided **architectural design**, construction administration services and supervision of construction quality assurance inspection for this HANO project. He was responsible for architectural services including design development; construction document production; support services during the bidding process; construction administration and supervising the full-time resident inspector. Construction administration services included review of all project submittals; RFI responses; scheduling, attending and conducting weekly project meetings; complete review and recommendation of all PCO's; periodic site visits; reviewing all contractor payment requests and coordinating all close-out procedures.

Rehabilitation Projects at Nashville Ave., Esplanade Ave. & Governor Nicholls Street Wharves, Port of New Orleans, New Orleans, LA: Mr. Williams served as Project Manager and Project Architect for \$8.7 million design and construction phase services to rehabilitate three wharf buildings. The project included roof replacement of Nashville Ave. Wharf Shed "A," roof repairs of the Esplanade Ave. Wharf Shed, and roofing and siding rehabilitation at the Governor Nicholls Street wharf facility.

Multiple Building Renovations, Sewerage and Water Board, New Orleans, LA: Mr. Williams served as project and construction manager for many projects at many facilities. The major projects included managing the construction of the new Site Relocation Facility (to house the functions of Garage 1 and Garage 2); the renovation of Garage 1 and Garage 2 (damaged by Hurricane Katrina) and the construction of the new Annex Building to provide meeting and locker rooms for Sewerage and Water Board personnel. He also managed many repair projects to various areas and equipment throughout the S&WB various facilities.

State Emergency Warehouse for GOHSEP at Camp Villere; Slidell, LA: Mr. Williams provided a full range of **architectural services**, from scoping through construction administration, for a 22,500 SF warehouse with associated office facilities at Camp Villere. The warehouse is a one-story structural steel building that will be used to store state procured emergency commodities for immediate response to emergencies, and for housing of evacuees on a temporary basis. Scope of work include architectural and engineering (A-E) Services for the metal building with metal roof and siding, insulation, HVAC for the perishable goods storage area and the office space, loading dock and parking lot, etc.

Fisher Housing Development, New Orleans, LA for Lune d'Or Enterprises, LLC and Housing Authority of New Orleans (HANO), New Orleans, LA: Mr. Williams served as Construction Manager for this \$20 million multi-family housing development project that primarily included two story duplex and triplex buildings for a total of 183 units. His responsibilities included overall management of the construction project; coordination and communication with owner, design architect and contractor; and supervision of ECM's field staff which included a deputy CM, two resident inspectors, and document control staff. He also monitored quality, cost and progress.

Demobilization of 4 Temporary Ascension Parish Public Schools, Ascension Parish, LA: Mr. Williams served as Project Architect for the complete architectural services to demobilize temporary campuses and restore the site infrastructure to pre-flood conditions that resulted from the August 2016 flood. Design services including Program Completion, Schematic Design, Design Development, Construction Documents, Bidding, and Construction Administration. Mr. Williams coordinated with engineering, landscape architects and interior designers during the project duration.

Joe Brown Memorial Park City of New Orleans-Department of Capital Projects New Orleans, LA: Mr. Williams served as **Project Architect** for the A-E design services for this **\$6.8 million** project involving renovations and repairs to this suburban multifunctional recreational facility. The project involved a new maintenance building that includes an office area, garage, storage area, and paint room. Repairs to a tennis court concession building were also performed and involved repairs to an asphalt shingle roof, interior finishes, and replacement of electrical and plumbing systems. Roof and surface repair as well as bathroom renovations were also conducted on various shelter buildings. This project also involved preparation of a report for FEMA outlining all damages and anticipated costs for repairs.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:

Ujjal DasGupta, P.E., President

Project Assignment:

Principal-In-Charge

Name of Firm with which Associated:

ECM Consultants, Inc.


Years' experience with this Firm:

26

Education: Degree(s)/Year/Specialization:

B.S./1968/Civil Engineering

Active registration: Year first registered/discipline:

1982/Civil Engineering/LA License No. 19849

Other experience and qualifications relevant to the proposed Project:

Mr. DasGupta has more than 53 years of experience in project management, civil and structural engineering design, construction management, and construction quality assurance services. He has been responsible for engineering and construction management services for over a billion dollars of projects for various local, state, and federal agencies. As President, Mr. DasGupta is responsible for overall management of all engineering, architectural, and construction management services of the firm.

Employment History:

- ECM Consultants Inc., LA, *President* (1995-to date)
- C&S Consultants, Inc., LA, *Vice President* (1983-1995)
- Pepper & Associates & Kiddie Consultants, LA, *Sr. Engineer* (1980-1983)
- McDermott, Inc., LA, *Sr. Structural Engineer* (1980-1982)
- Dunbar & Dickson, Inc., TX, *Project Engineer* (1976-1980)
- Public Works Department, India, *Assistant Engineer* (1968-1976)

Jefferson Parish Public Works Warehouse-DPW, Jefferson Parish, LA: Mr. DasGupta was Principal and point of contact for this \$5M project involving a 50,000sq.ft warehouse for the Department of Public Works to store supplies in the West bank of Jefferson Parish. Professional **A-E services** included initial scoping with Parish officials and building users; cost analysis and estimating for budget purposes. Scope included architectural and engineering design preparation of plans, specification and cost estimates (PS&E). The work also included associated administrative offices, repair and service pick-up areas; fenced-in yard storage; and on-site fueling for Parish vehicles. The facility is a pre-engineered steel building designed to meet all applicable codes and the current wind-loading requirements.

Program Management Services for Orleans Parish School Board: Mr. DasGupta was responsible for Program Management of \$45 million in renovations at 50 schools and construction of two new school buildings for Orleans Parish School Board under the Capital Improvement Program (CIP). His overall responsibilities included design review, coordination with owner and contractors, quality assurance, cost and schedule control and cash flow monitoring. He received a letter of "Commendation" from New Orleans Public Schools for outstanding performance.

Repair of National Guard Hangar 101 at Lakefront Airport, Orleans Levee Board; New Orleans, LA: Mr. DasGupta served as Project Manager for the architectural and engineering design services of a \$3.7 M repair of Hangar 101 at Lakefront Airport in New Orleans. ECM developed 3 separate projects: Demolition of the Hangar; Systems Repairs and Upgrades; and Build-Out of Hangar according to tenants' requirements. ECM also provided

a complete set of working drawings for each phase and provided construction administration services.

Esplanade Avenue Wharf, Governor Nicholls Wharf, and Nashville Wharf shed-A, Port of New Orleans; New Orleans, LA: Mr. DasGupta served as Principal-In-Charge for this \$14.3 million, three building roof and siding renovation. The Scope of work included **architectural design** for replacement of roofs, sidings, gutters, and wall panels as well as structural analysis of the 300' span steel trusses for the Nashville wharf shed "A" for reinforcing the truss members and the columns for category 3 wind load. As part of this contract, ECM also provided damage inspections for 23 separate Port of New Orleans facilities after Hurricane Issac.

On Call A-E Services for Revitalization and Modernization of HANO Properties, Task Orders 1 and 2, Housing Authority of New Orleans: Mr. DasGupta served as Project Manager for the A-E design, construction administration, and full-time resident inspection services in support of HANO's initiatives for the modernization and redevelopment of housing units and support facilities. Projects included: \$6M interior improvements for Guste Hi-Rise; \$600K exterior waterproofing for Guste Hi-Rise; \$6M repair upgrades to occupied and vacant units at the Iberville Housing Development; and \$2M site improvements for the Iberville Housing Development. This was an ARRA funded project and ECM had to complete all design and preparation of PS&E within 90 days to avoid deobligation of funding. And ECM completed this \$14.6 million project in 90 days and received commendation from HANO.

A-E Services for Renovations at Various Schools; Jefferson Parish, LA: Mr. DasGupta served as Principal in Charge for **architectural and engineering design** and preparation of PS&E for the renovation of several schools in Jefferson Parish that included: Riverdale Middle and High School; Phoebe Hearst Elementary School and Bonabel High School. Total Construction cost for all projects was over \$10 million. The scope of work involved pile foundation, installation of concrete beams and slabs, covered walkways, carpeting, and replacement of windows. Major renovations included a cafeteria building, library and conference room as well as converting the existing cafeteria into a media center.

Data Center at Annex Administrative Building, Jefferson Parish Public School System, New Orleans, LA: Mr. DasGupta served as Principal in Charge for this \$4 million project in which ECM provided **architectural and engineering (A-E) services** for this Data Center to a Tier 4 design criteria within the existing Administration Annex Building of the Jefferson Parish Public School System. The Data Center facility included a building with category 5 hurricane resistant wall and roof systems, redundant generators, uninterrupted power supplies, electrical and mechanical cooling systems with an N+1 redundancy for continual operation of the state of the art data center for the school system. Project scope also included outdoor fuel tank and day tanks with piping for fuel supply to the generators.

Aircraft Rescue and Fire Fighting Building, Louis Armstrong New Orleans International Airport; Kenner, LA: Mr. DasGupta served as Project Manager for this Joint Venture Project. This project involved **A/E design** of a new \$10M, 24,000 sft Aircraft Rescue and Fire Fighting building including pavement, water, wastewater, and storm drainage design, and site paving. The building contains 8, one-story apparatus bays with special ventilation systems for removal of exhaust smoke, automatic roll up door opener, wash bays and heating system. The building also included HVAC, electrical & fire alarms, communications & fire protection systems for office areas, housing for firemen, kitchen & dining area, exercise room, and a state-of-the-art training facility. ECM prepared architectural details, all structural and civil site work design and prepared PS&E and construction administration services.

A-E Services for Beechgrove Court Subdivision, Phase II, Jefferson Parish Community Development, Westwego, LA: Mr. DasGupta served as Program Manager for A-E services for \$5 million site development and construction of 44 single-family affordable housing units for Jefferson Housing Foundation (JHF) and Jefferson Parish Community Development. ECM provided design phase, bidding-negotiation phase, construction administration, and resident inspection services for the project. Scope of work involved detailed construction plans-specifications-contract documents, permitting, final cost estimates, assisting JHF in obtaining bids and preparing construction contract, construction contract administration, preparation of progress reports, review shop drawings, and final inspection.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**Name & Title:**

Kazem Alikhani, P.E., Chief Executive Officer

Project Assignment:

Contract Manager / POC

Name of Firm with which Associated:**ECM Consultants, Inc.****Years' experience with this Firm:**

5

Education: Degree(s)/Year/Specialization:

MS/1984/ Engineering with concentration in Civil, Hydraulic & Hydrology

BS/1980/ Mechanical Engineering

Active registration: Year first registered/discipline:

1992/Mechanical & Environmental Engineering/LA License No. 25073

Other experience and qualifications relevant to the proposed Project:

Mr. Alikhani has more than 41 years of experience in public works projects including planning, design and construction management. He spent a majority of his career working with Jefferson Parish Dept. of Public Works and was the Director of Public Works, responsible for all public works functions and overseeing an annual operating budget of \$200M and a capital budget of over \$100 million. His public works oversight consisted of managing nine departments: drainage, sewage, water, streets, parkways, environmental, Floodplain Management and Hazard Mitigation, engineering; Capital projects including planning, managing engineering and construction of capital project improvements. Mr. Alikhani was the 2012 recipient for "Lifetime Achievement Excellence in Government" by the BGR.

Employment History:

- ECM Consultants, Inc., *Chief Executive Officer* (2016-Present)
- Jefferson Parish DPW, *Director of Public Works* (2010-2016)
- Jefferson Parish DPW, *Director of Drainage* (2004-2010)
- Jefferson Parish DPW, *Asst. Director of Water* (1995-2004)
- Jefferson Parish DPW, *Drainage Dept. Engr.* (1982-1994)
- Guillot & Vogt Engineering, *Engineer* (1980-1982)

Jefferson Parish Drainage Department Facility, LA: Mr. Alikhani planned and secured funding for design and construction of a new field facility for the Jefferson Parish Water Department on the West Bank of the Parish. The facility included offices for engineers and supervisors, and a maintenance shop for field work and equipment. The building was also designed to house administrative staff and field crews during storm and hurricane events, including sleeping quarters and food preparation facilities.

Jefferson Parish Water Department Facility, LA: Mr. Alikhani planned and secured funding for design and construction of a new field facility for the Jefferson Parish Water Dept. on the West Bank of the Parish. The facility included offices for engineers and supervisors, and a maintenance shop for field crews and equipment.

Public Works Facilities Improvements: Mr. Alikhani managed assets and oversaw facilities, design, and rehabilitation projects. He was involved in development of the West Bank public work maintenance facilities that included new buildings for drainage, water and sewer department storage facilities for west bank of Jefferson parish. This project relocated all essential public works buildings and warehouse operations in one centralized location off LA18 in Bridge City.

East Jefferson Levee District Safehouse & Consolidated Facility, Kenner, LA: Mr. Alikhani is serving as Principal in Charge for this East Jefferson Levee District project for which ECM provided resident inspection

services for construction of a new consolidated facility and safe house. ECM is responsible for monitoring and documenting all construction activities including reviewing progress schedule, construction plans and specifications; reviewing the contractor's safety plan, testing plan, quality control plan; attending meetings with contractor and owner; preparing inspection reports; conducting on-site observations of work progress and determining if work is in accordance with contract documents; reporting any substandard work to the SLFPA-E appropriately recorded; maintaining detailed and orderly records; regular progress reports and immediate reporting of accidents or non-conforming work; performing final inspection and completion activities.

Jefferson Parish Performing Arts Center, LA: Mr. Alikhani managed the final steps in construction of a new \$54 million Parish performing arts center. The facility has 1,050 seats and is approximately 86,000 square ft.

Nashville Ave. Wharf Terminal Shed "A" Rehabilitation, Port of New Orleans, New Orleans, LA (2017): Mr. Alikhani was Task Manager & Principal in Charge for construction management and inspection services for rehabilitation of this Port warehouse shed. The project included demolition of a 792,000 SF built-up roof system and replacement with a standing sim metal roof structure to meet current wind load requirements. Cost: \$8.7 M

Bucktown Marina: Mr. Alikhani was responsible for the project including design and construction of a new marina with two floating piers, comprised of 40 recreational boat slips and 30 commercial boat slips, with water, sewer, and electrical service, a paved entry and parking area with associated drainage, landscaping, decorative lighting, promenade walkway and benches. The harbor is designed to withstand a "100 year storm," or a hurricane that has a one percent chance of occurring in a given year, and its piers can ride a 15-foot storm surge while remaining attached to their pylons.

Lakeshore Library, Metairie, LA: As Director of Public Works, Mr. Alikhani oversaw the Capital Projects team planning, design, design review and bidding for a new \$2 million, 7,700 square foot FEMA-funded library, including demolition of the existing structure, damaged during Hurricane Katrina. The new library is state-of-the-art and includes a contemporary design and energy efficient systems upgrades and is elevated about three feet in order to provide protection from future flood events. The interior includes versatile fixtures and planning to allow for future flexibility in shelving and occupancy needs, emphasis on a childrens' area, public art green and recycled materials, and other sustainable design features.

Quality Control Services for Guste III Housing Completion Work, Housing Authority of New Orleans (HANO), New Orleans, LA (2018): Mr. Alikhani served as Principal in Charge for this project for which ECM provided construction management and resident inspection services for quality control assurance for completion and corrective work on this multi-family housing construction project. Construction Cost: \$45 million.

Bonnabel Boat Launch Repairs and Construction: Mr. Alikhani oversaw this \$614,000 project. Construction involved the installing sheet pilings for a temporary dam, pumping out water within the ramp area, and removing existing concrete ramps. The four back-down ramps were replaced and lengthened to the ends of the existing piers, a curb was built, and Rip Rap was placed behind the curb at the boat launch. The angles of the new ramps were changed slightly to allow boats to lift off trailers more easily. The small courtesy dock on the eastside was repaired and existing timbers on all sides replaced. In addition, an existing building was raised, and other drainage improvements were made to avoid flooding near the facilities.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:

Neil Logan, P.E.- Senior Structural Engineer

Project Assignment:

Structural Engineer

Name of Firm with which Associated:
ECM Consultants, Inc.

Years' experience with this Firm:

19

Education: Degree(s)/Year/Specialization:

B.S./1961/Civil Engineering

Active registration: Year first registered/discipline:

1974/Civil Engineer/LA License No. 14607

Other experience and qualifications relevant to the proposed Project:

Mr. Logan has more than 59 years of experience as a structural engineer. His project experience including commercial buildings, warehouses, maintenance and industrial facilities.

Employment History:

- ECM Consultants Inc, LA, *Sr. Structural Engineer (Contract) (2001-to date)*
- N-Y Associates, *Structural Engineer (Contract) (1994-to date)*
- N-Y Associates, *Structural Engineer (1976-1991)*

State Emergency Warehouse for GOHSEP at Camp Villere; Slidell, LA: Mr. Logan provided structural design for this \$1.5M one-story, 22,500 SF structural steel warehouse building. Structural work included isolated footing foundations at each steel column, grade beams and concrete flooring, roof structure and siding, supply dock, and review of metal building shop drawings.

Aircraft Rescue and Fire Fighting Building, Louis Armstrong New Orleans International Airport; Jefferson Parish, LA: Mr. Logan provided structural design services for a new \$10M facility. The 24,000 sf building is a two story steel framed building with exterior concrete block wall with 8 bays, office area, housing for firemen, kitchen and dining area, exercise room, state of the art training facility, oil/water separator, plumbing with firewater loop, security system, parking lot, and access road. Mr. Logan provided structural design for pile foundation, steel frame building, metal roof, concrete block exterior wall, etc.

Esplanade Avenue Wharf, Governor Nicholls Wharf, and Nashville Shed "A"; Port of New Orleans; New Orleans, LA: Mr. Logan served as Structural Engineer for this \$11 million, three building roof and siding renovation. The Scope of work included replacement of roofs, sidings, gutters, and wall panels. He supervised and reviewed structural analysis of the existing 300 ft span trusses spaced at 20 ft. This included 3-D modeling of the trusses in STAAD structural design software analysis for 130 mph wind load that required stretching of a number of truss members.

Multi-Mission Station Building for U.S. Coast Guard on Lake Pontchartrain; New Orleans, LA: Mr. Logan provided structural design of this \$10.5 M US Coast Guard building on Lake Pontchartrain. The steel framed two story building is supported on piles, with a concrete floor, metal stud interior walls, and metal roof.

McDonogh School Foundation; New Orleans, LA: Mr. Logan provided Structural design services for a new foundation of an 1879 historical building. The school was moved from its current location to a site near the LSU Medical center campus. The scope of working included a new pile supported foundation, with masonry columns and walls to fit on top of the foundation slab which is tied into the existing masonry undercarriage of the historical building.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Sudhir Mehta, P.E. – Structural Engineer
Project Assignment:
Structural Engineering
Name of Firm with which Associated:
ECM Consultants, Inc.

Years' experience with this Firm:
3
Education: Degree(s)/Year/Specialization:
BS/1972/Civil Engineering, MS/1976/Civil Engineering
Active registration: Year first registered/discipline:
1980/Civil Engineering/No. 18950
Other experience and qualifications relevant to the proposed Project:

Mr. Mehta has 50 years of experience in the design, analysis and construction of major hydraulic structures such as pumping stations, floodwalls, floodgates and other flood control structures for multiple USACE districts, states and municipalities.

Employment History:

- ECM Consultants Inc, LA, *Structural Engineer (2018 to date)*
- Brown, Cunningham and Gannuch, *Senior Structural Engineer/Project Manager (2006-2018)*
- URS Corp, *Senior Structural Engineer/Project Engineer (2005-2006)*
- Pepper & Associates, *Senior Structural Engineer/Project Manager (1975-2005)*
- S E Huey Co Consulting Engineers, *Project Engineer (1973-1975)*
- Linfield and Hunter, Inc., *Engineer in Training (1971-1973)*

Orleans Parish Prison (OPP), New Orleans, LA: Mr. Mehta served as Structural Engineer, EIT for design of the new 12 story, including mezzanine floors, reinforced concrete structure. Responsibilities included analyzing and designing the reinforced concrete frames for the structure. Additionally, he designed the floor system which consisted of waffle slab, and the foundation for the structure. Work was done under a direct supervision of the chief engineer of the firm.

Southern Savings Building, New Orleans, LA: Mr. Mehta was Structural Engineer, EIT, responsible for analyzing and designing the twelve-story reinforced concrete frames for the wind and gravity loads for the structure. Responsibilities also included the design of the concrete joist floors and roof slab for this project. Additionally, he designed piled footings for the structure.

N. Hullen & Severn Ave. Strip Mall, Metairie, LA: Mr. Mehta served as Structural Engineer for design of a structural steel one story strip mall.

J.C. Penney Store, Wichita, KS: Mr. Mehta served as Structural Engineer, responsible for the design and analysis of the two story structural steel frames for the wind and live loads. The structural steel sections were designed using plastic design method per AISC requirements. Also designed the steel joist and composite concrete floor and roof system as well as footings for the structure.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:

Kyle Kessler, P.E., Structural Engineer

Project Assignment:

Structural Engineering

Name of Firm with which Associated:

ECM Consultants, Inc.


Years' experience with this Firm:

2

Education: Degree(s)/Year/Specialization:

BS/2009/Civil Engineering

Active registration: Year first registered/discipline:

2019/Civil Engineering/No. 43807

Other experience and qualifications relevant to the proposed Project:

Mr. Kessler is a registered professional Civil Engineer with more than 5 years of engineering experience in bridges, roads and drainage design and project oversight. He began his career working on infrastructure projects across south Louisiana, Mississippi and Alabama. He now works at ECM Consultants continuing to work on infrastructure projects across South Louisiana. His project experience included design and preparation of plans, specifications and estimates (PS&E) for highway, bridge, roadway rehabilitation, drainage repair and enhancements, floodwall repair, pump station, and crane rail foundations etc. As Project Engineer for various projects, his duties and responsibilities also included, site inspections, submittal reviews, responding to RFIs, review of change order requests and attending progress meetings as part of construction phase services. His bridge design work included both substructures and superstructures including concrete girders, decks, bent caps, and concrete barriers.

Employment History:

- ECM Consultants Inc, LA, *Structural Engineer (2019 to date)*
- Worley, *Structural Engineer (2019-2019)*
- BKI, *Structural Engineer Intern (2015-2019)*

Gretna Police Station, Gretna, LA: Existing station was to be demolished to allow for construction of new elevated building in its place. Existing building was demolished down to slab level. Geofoam was placed on existing slab between new grade beams and walls to accommodate raised building bottom floor. Mr. Kessler assisted with the design, plans and specifications as well as performed quantity take-offs for estimation.

Building 71 Rehabilitation, Reserve, LA: Mr. Kessler assisted with plans & specifications for improvements to existing building; designing of new framing to allow for ADA compliant walkway near top of A-frame; perform field inspections to assess quality and need for replacement of existing purlins and girts. The project consisted of existing open A-frame steel building at the Holcim Port Facility renovated to allow for the Port to rent the space out to a new occupant.

New School Stairway, Thibodaux, LA: Mr. Kessler performed field inspections of the final construction of a new stairway to provide project closeout. The existing stairs were for a 2-story school building that needed complete replacement.

Gautier Animal Shelter, Gautier, MS: Project consisted of A new building was to be constructed to provide space to shelter and care for animals. This involved site work including new sidewalk, drainage, and parking lot. Structural work included: new steel building (80'x30'x20' tall) and concrete slab with grade beams and footings. Mr. Kessler assisted with the plans and specification as well as designing the new structural foundation. He reviewed the pre-engineered metal building shop drawings and calculation as well as providing quantity take-offs.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:

Sunina Shrestha, P.E., Engineering Manager

Project Assignment:

Civil Engineering

Name of Firm with which Associated:

ECM Consultants, Inc.


Years' experience with this Firm:

14

Education: Degree(s)/Year/Specialization:

M.S./2008/Civil Engineering

Active registration: Year first registered/discipline:

2013/Civil Engineering/LA License No. 37901

Other experience and qualifications relevant to the proposed Project:

Ms. Shrestha has 15 years of experience in engineering design and analysis for facilities, roadway, drainage, bridge, and water resources projects. Her experience includes preparation of Right-of-Way Maps using GIS, sewer system design using GIS, hydrologic and hydraulic analysis for canals, and development of site plans. Ms. Shrestha is trained and experienced in the use of GIS (ArcView 9), HEC- RAS, HEC- HMS, SWAT, AutoCAD, AutoCAD Land Development, SAP 2000, and WINSLAMM.

Employment History:

- ECM Consultants Inc, LA, *Civil Engineer (2009-to date)*
- UAH, *Graduate Research Assistant in Civil Engineering (2007)*
- RITI Consultancy Pvt. Ltd., Nepal, *Field Engineer (2005)*

LADOTD Retainer Contracts for ADA Compliant Bathroom Facilities; Districts 03, 05, 07, LA: Mr. Shrestha civil engineering design for the addition of three ADA compliant bathroom facilities. ECM's scope of work will be design of foundation and slab design for the buildings as well as the required site development design. These facilities are located in Lafayette, Monroe and Lake Charles, Louisiana.

Gravier Street Improvements, City of New Orleans-DPW; New Orleans, LA: Ms. Shrestha provided civil engineering for this \$4.8 million project which consisted of design, preparation of plans and specifications, and cost estimates for roadway reconstruction including storm drainage, sidewalk improvements, and water and sewer improvements at Gravier Street between S. Galvez and S. Broad.

Severn Avenue Corridor Improvements, Jefferson Parish, DPW, Jefferson Parish, LA:

Ms. Shrestha is providing civil engineering for this project involving preparation of plans and specifications for the replacement of existing sidewalks and driveway aprons with new 8-feet wide patterned, colored concrete and/or brick pave sidewalk and driveway aprons, corridor improvement to facilitate new bicycle lane, replacement/upgrade of subsurface drainage including the removal and replacement of associated concrete pavement on property side travel lane with curb and gutter section, addition of turn lanes at 17th street and West Esplanade Avenue, landscaping, lighting, and new permanent striping.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Chris Capretto, P.E., Civil Engineer
Project Assignment:
Civil Engineering
Name of Firm with which Associated:
ECM Consultants, Inc.

Years' experience with this Firm:
8
Education: Degree(s)/Year/Specialization:
B.S./2009/Civil Engineering
Active registration: Year first registered/discipline:
2014/Civil Engineering/LA License No. 38641
Other experience and qualifications relevant to the proposed Project:

Mr. Capretto has 12 years of experience in highway and transportation projects, including pavement design, design of horizontal and vertical roadway alignments, storm water drainage and utility system design. His participation in representative projects includes project management, design of steel structures, design of concrete foundations, roadways and drainage design for urban and rural highways and streets.

Employment History:

- ECM Consultants Inc, LA, *Civil Engineer (2014-to date)*
- Atlas Engineering, Inc./S&B Infrastructure, Ltd., *Civil Engineer (2008-2014)*

Replacement of Warehouse Firewater Piping at Bayou Choctaw Site, US Dept. of Energy (DOE), Strategic Petroleum Reserve (SPR), Plaquemines, LA: Mr. Capretto served as lead Project Designer for the replacement of existing warehouse firewater piping. Existing sprinkler system was a dry pipe system that corroded over time due to residual water remaining in the pipe following scheduled system tests. Sites visits were conducted to locate leaks in several locations within the system. Design for new firewater piping and sprinkler system was provided using latest NFPA standards.

Cool Roof Implementation Study, All Sites, U.S. DOE, SPR, Texas and Louisiana: Mr. Capretto served as Project Manager on the review and modification of standard specification sections and Level III design criteria required for the implementation of the new building energy efficiency requirements put into effect by DOE Secretary Chu. Coordinated with DOE representatives, revised standard specifications per the discussions, and submitted them through the formal technical review process. Changes included those to specification sections related to roofs, both construction of new roofs and repair of existing ones.

Site Building Upgrades at West Hackberry Site, U.S. DOE, SPR, Hackberry, LA: Mr. Capretto provided engineering design for upgrades to administrative and facility buildings, including replacement of flooring and siding, roof repairs, window replacement, door repairs, and entrance canopy additions. Upgrades focused on Green Building techniques to reduce heat loads by improving reflectivity and reducing thermal emissivity.

LADOTD Retainer Contracts for Civil & Structural Design Services for Facilities, Statewide, LA: Mr. Capretto is providing civil engineering for the Franklinton Maintenance Building, Central Repair Shop and ADA Compliant Bathroom Facilities in Districts 03, 05 and 07 located throughout Louisiana. The scope of work involved structural design services for a new 1,400 sf single-story maintenance building, a 10,000 sf single-story metal building and three ADA compliant bathroom facilities.

Jefferson Parish Public Works Warehouse-DPW, Jefferson Parish, LA: Mr. Capretto provided civil engineering design services for this project involving a 50,000 sq.ft warehouse for the Department of Public Works to store supplies for the West Bank of Jefferson Parish. Professional services included initial scoping; cost analysis and estimating for budget purposes; design and preparation of PS&E for the civil engineering portion of the project involving parking lot, site drainage evaluation, water & sewer lines, repair and service pick-up areas; fenced-in yard storage; and on-site fueling for Parish vehicles.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:

John S. Foley, III, P.E., Civil Engineer

Project Assignment:

Civil Engineering

Name of Firm with which Associated:

ECM Consultants, Inc.


Years' experience with this Firm:

3

Education: Degree(s)/Year/Specialization:

B.S./2010/Civil Engineering

Active registration: Year first registered/discipline:

2015/Civil Engineering/LA License No. 42740

Other experience and qualifications relevant to the proposed Project:

Mr. Foley has eight years' experience in design and preparation of plans, specifications & estimates (PS&E) of civil projects for LADOTD and public works projects. His experience includes feasibility studies, environmental assessments, roadway design, subsurface drainage, and utilities relocations.

Employment History:

- ECM Consultants Inc, LA, *Civil Engineer (2019-to date)*
- Buchart Horn, Inc., *Project Engineering (2014-2019)*
- HNTB, *Intern Engineer (2013-2014)*

Spartan Drive Shared-Use Path, City of Slidell, LA: Mr. Foley was a project engineer for the design of a shared-use path in Slidell, LA to be used by pedestrians and bicycles traveling between Salem High School and Fritchie Park. The path requires two large drainage structures. Design is in accordance with LADOTD specifications and providing construction management services. Project Designer responsible for design plan preparation.

Transit Improvement Design for District 3, Jefferson Parish, LA: Mr. Foley served as Project Engineer for design for improvements to 317 bus stops within Council District 3 for Jefferson Parish. Scope of work included preparing detailed construction plans and technical specifications with the latest LA DOTD criteria. He prepared plans that included locations of all utilities affected by proposed construction, improvements to the bus stops and adjacent intersections. Improvements included enhancements for accessibility, safety and features needed to achieve ADA compliance. Work also included required sidewalks, ADA ramps, crosswalks, signage, striping, boarding and a lighting areas, benches, and shelters.

Harrison Avenue Improvements, St. Tammany Parish, Covington, LA: Mr. Foley was a part of the project team that conducted a feasibility study and subsequent design and construction management of recommended improvements. He as a part of the design team, evaluated two proposed alternates for the reconstruction of Harrison Avenue and provided design services for a two-lane roadway with raised median, sidewalks, two roundabouts, and subsurface drainage. He designed and prepared line and grade sheets.

LA 931 at Roddy Road Roundabout, Ascension Parish, Gonzales, LA: Design services for a single-lane asphalt roundabout at the intersection of LA 931 and Roddy Road in Gonzales, LA. Services include preparing a roundabout report (crash analysis, cost-benefit analysis, traffic analysis, speed study, safety analysis), electrical lighting design, subsurface drainage preliminary and final design plans, specifications, special provisions, construction estimates, and engineering calculations. The design will comply with state and federal guidelines and receive LADOTD review and approval. Project Engineer responsible for designing plan and profile geometry and typical sections for preliminary design plans and roundabout report. Performed a cost-benefit analysis and drafted roundabout report.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:

Heidi Gremillion, P.E. – Senior Mechanical Engineer

Project Assignment:

Mechanical Engineering

Name of Firm with which Associated:

ECM Consultants, Inc.


Years' experience with this Firm:

3

Education: Degree(s)/Year/Specialization:

MS/1994/Mechanical Engineering

BS/1992/Mechanical Engineering

Active registration: Year first registered/discipline:

1998/Mechanical Engineer/ LA 27958

Other experience and qualifications relevant to the proposed Project:

Ms. Gremillion has over 27 years of experience in mechanical engineering responsible for design and field coordination of air conditioning, heating and ventilation systems, heat load analysis, plumbing, gas distribution system design, fire protection system, cost analysis and preparing technical specifications. Her experience includes:

Employment History:

- ECM Consultants Inc., LA, *Mechanical Engineer* (2018 - to date)
- URS/AECOM, LA, *Mechanical Engineer* (2014-2018)
- Howell Consultants, LLC, LA, *Mechanical Engineer* (2002-2014)
- Perrin and Carter, LA, *Mechanical Engineer* (1997-2002)
- Walk, Haydel & Associates, LA, *Mechanical Engineer* (1994-1997)

Jefferson Parish Eastbank Water Treatment Plant Improvements Phase II (P4) and Bacteriological and Wet Chemistry Laboratory: Ms. Gremillion served as Mechanical Engineer for the design analysis of the Consultants' design for the new P4 Water Treatment Plant and Bacteriological and Wet Chemistry Laboratory. ECM responsibilities included reviewing the structural, mechanical, **architectural**, civil, and electrical plans to ensure conformance and constructability within the established project budget. ECM also performed a Value Engineering evaluation on the P4 Water Treatment Plant to determine cost saving measures where recommendations would produce a \$20M cost savings

1508 and 1601 Orleans Avenue Apartments, New Orleans, LA: Ms. Gremillion served as Mechanical Engineer for this project that included renovation of historical buildings and new 3-story buildings to provide 70 apartments and community spaces. Total of all buildings are approximately 66,000 square feet. Scope for this design- build project included complete HVAC, Plumbing and Fire Protection systems design.

801 Magazine Street, New Orleans, LA: Ms. Gremillion served as Mechanical Engineer for renovation of an existing 2-story building is located on Julia Street and Magazine. The first floor houses the Auction House Market with a commissary kitchen and event space. The second floor of the building provides 8 high-end apartments. We provided design for HVAC, Plumbing and Fire Protection.

234 Loyola Drive Apts., New Orleans, LA: Ms. Gremillion served as Mechanical Engineer for renovation of two 10 story buildings on Loyola and Gravier St. A total of 135,000 square feet. Both buildings were completely stripped to the structure and all new systems were provided. We were responsible for the Plumbing design and coordination with all disciplines. This was a design build project. Another project included renovation of the

mezzanine, second and third floors. The mezzanine is a music venue and bar, the second floor is the Pythian Ball Room and common areas, the third floor is Green Coast Enterprises and Magnolia Therapy.

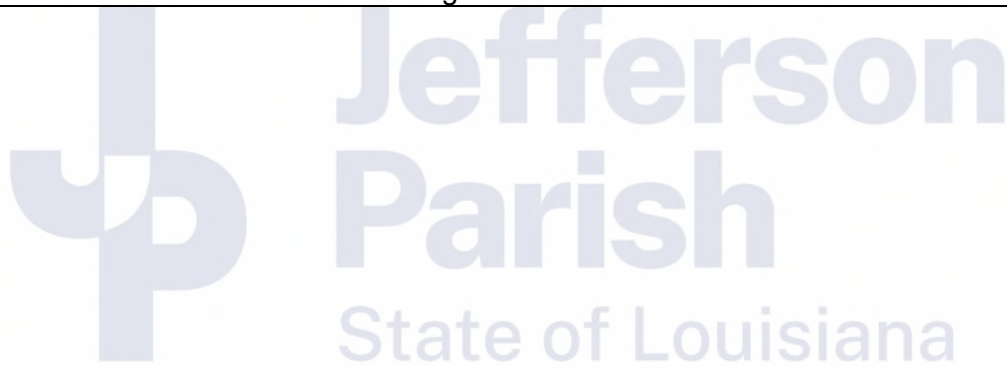
2228 Gravier Street Apartments and Office Space, New Orleans, LA: Ms. Gremillion served as Mechanical Engineer for this renovation project that included converting an existing 4 level historical school building into rental spaces. Approximately 22,000 square feet of space was converted into office areas, a gym, common spaces and 14 high-end apartments. She provided design for HVAC, Plumbing and Fire Protection.

214 Decatur Street Apartments Apts., New Orleans, LA: Ms. Gremillion served as Mechanical Engineer for this total demo project of a 3-story building, approximately 26,845 square feet and included all new HVAC and Plumbing systems.

St. Anna's Residence – Renovations, New Orleans, LA: Ms. Gremillion served as Mechanical Engineer for this renovation of a 3-story existing nun's residence building, approximately 25,000 square feet. HVAC systems were brought up to code and major plumbing renovations were done.

Burgundy – Elysian Fields Apartments, New Orleans, LA: Ms. Gremillion served as Mechanical Engineer for this 20,000 square foot, new construction, apartment complex. She provided design for HVAC, Plumbing and Fire Protection.

835 Julia Street Lots. New Orleans, LA: A complete renovation of the existing 4 story, 35,000 square foot building with high end apartments and enclosed parking. Scope included mechanical engineering design and construction coordination for HVAC and Plumbing.



KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Bruce Barton – Electrical Engineer
Project Assignment:
Electrical Engineering
Name of Firm with which Associated:
ECM Consultants, Inc.

Years' experience with this Firm:
2
Education: Degree(s)/Year/Specialization:
B.S. / 1971 / Electrical Engineering
Active registration: Year first registered/discipline:
Other experience and qualifications relevant to the proposed Project:

Mr. Barton has 42 years of experience in Project Management, electrical engineering design, construction management and engineering during construction. Mr. Barton has designed power and lighting systems for manufacturing facilities, welding shops, machine shops, office buildings, warehouses and sheds, roadways, bridges, parking facilities, drainage pump stations, sewage lift stations, water and wastewater treatment plants, shipyard crane buildings, telephone company personnel and equipment buildings, airport buildings and airfield power and lighting. M. Barton has designed electrical systems with voltages ranging from 120/240v, single and three phase, 480v, 2400v, 4160v, 13.8kv, and 25kv.

Employment History:

- ECM Consultants Inc, LA, *Electrical Engineer* (2019 - to date)
- Self-Employed, LA, *Electrical Engineer* (2003 – 2019)
- Gulf South Engineers, LA, *Electrical Engineering Department Head* (1996 – 2003)
- Marrero-Couvillion Engineers, LA, *Electrical Engineering Department Head* (1994 – 1996)
- Mathes Group, LA, *Electrical Engineering Department Head* (1994 – 1992)
- Pellerin Milnor Corporation, LA, *Electrical Engineer* (1988 – 1992)
- Gulf South Engineers, Inc., LA, *Electrical Engineer* (1981 – 1988)
- Self-Employed, LA, *Electrical Contractor* (1978 – 1981)
- South Central Bell Telephone Company, LA, *Electrical, Mechanical & Architectural Designer* (1973 – 1976)

Replace power and controls for the Estelle #1 Drainage Pump Station, Marrero, LA: Mr. Barton designed a 1200 amp, 480 volt distribution system to power four 200 hp drainage pump motors, complete with a Motor Control Center and a 1000KW backup diesel generator set. 1981. Electrical Construction Cost: \$200,000.

Various Sewage Lift Stations and Pumping Stations, located in Houma, LA, and the New Orleans, LA metropolitan area: Mr. Barton has designed new and replacement electrical systems for over 100 sewage lift stations and pumping stations ranging from one pump at 1 HP, to 6 pumps up to 125 HP, with voltages ranging from 240v to 480v. 1981 to 2021.

Jefferson Parish Drainage Dept, Jefferson Parish, LA: Mr. Barton served as "as-needed" in-house Electrical Engineer for the Drainage Pump Station Dept. His duties included review of all electrical drawings for all drainage pump station changes and improvements as designed by consultant firms. Work also included in-house electrical design of drainage pump station changes and improvements not involving other disciplines. He also coordinated with, and worked hands-on with, Parish electricians and maintenance

workers, to perform such projects as rewiring of all controls for 4,160v drainage pump motors up to 800 HP. 1996 to 2012.

Various standby diesel generator sets, throughout the State of Louisiana, but mostly the New Orleans metro area, LA: Electrical design projects included approximately 30 generator sets, ranging from 15KW to 75 KW, in small towns all over Louisiana, while employed by South Central Bell Telephone Company. 1973 to 1975. Designed a system of four 1000KW generator sets to be installed on the second, third and fifth floors of the New Orleans Main Telephone Equipment Building on Poydras Street. 1993. Designed a system of two parallel 1500KW, 4,160v generator sets for the Drainage Pump Station #5 (St. Charles Parish Line) in Jefferson Parish, with complete replacement of the 4,160v switchboard and 5KV motor starters. 2004-2005. Electrical Construction Cost: \$1.5 million.



KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Marvin May- Senior CAD Technician
Project Assignment:
CAD Services
Name of Firm with which Associated:
ECM Consultants, Inc.

Years' experience with this Firm:
20
Education: Degree(s)/Year/Specialization:
1999/AutoCAD Drafting
Active registration: Year first registered/discipline:
Other experience and qualifications relevant to the proposed Project:

Mr. May has over 19 years of experience in AutoCAD drafting. His experience includes preparation of plan and profiles, cross sections, and miscellaneous details for roadway, drainage, and utilities projects. He is trained in both AutoCAD and Microstation V8.2.

Employment History:

- ECM Consultants Inc, LA, *CAD Technician (2002-to date)*

Progressive Church; Marrero, LA: Mr. May served as CAD Technician for this project. ECM provided engineering services that included preparation of plans and specifications for a large multi-purpose room, office space, access roads, parking areas, landscaping, and water and sewer systems.

Aircraft Rescue and Fire Fighting Facility at Louis Armstrong New Orleans International Airport; Kenner, LA: Mr. May provided CAD support for this project that involved design of a new 24,000 sf Aircraft Rescue and Fire Fighting Facility. The building is a two story framed building with exterior concrete wall and includes 8 bays, office area, housing for firemen, kitchen and dining area, exercise room, state of the art training facility, oil/water separator, plumbing with firewater loop, parking lot and access road.

On-Call Architectural and Engineering Services for the Revitalization and Modernization of HANO Properties (Guste High Rise, Task Order 2); Orleans Parish, LA: Mr. May provided CAD support services involving preparation of plans & details for HANO's initiatives for the modernization and redevelopment of housing units and support facilities in New Orleans. ECM has provided design and construction administration to facilitate HANO's goal of incorporating federal requirements in the interior and exterior renovations at Guste Highrise.

Beechgrove Subdivision, Phase II, Jefferson Parish Dept. of Community Development; Jefferson Parish, LA: Mr. May provided CADD services for the Beechgrove Subdivision, a 7-acre single family residential development, that included concrete road, curb, subsurface drainage, water and sewer system. He was also involved in preparation of architectural plans and foundation details for various types of houses in the Beechgrove Subdivision Development.

Design for St. Bernard Housing Development Roadway, Water, Sewer, and Drainage Systems, New Orleans, LA: Mr. May served as CAD Technician for this project that involved replacement of roadway, water, sewer, and drain lines and associated items for the entire housing development for Housing Authority of New Orleans.

Safe Routes to Schools, DOTD, New Orleans, LA: Mr. May provide CADD Services for the preparation of civil plans for the replacement of concrete ramps & sidewalks and the additions of crosswalk signs and striping.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Terry Gerdes – CAD Technician
Project Assignment:
CAD Services
Name of Firm with which Associated:
ECM Consultants, Inc.

Years' experience with this Firm:
<1
Education: Degree(s)/Year/Specialization:
Active registration: Year first registered/discipline:
Other experience and qualifications relevant to the proposed Project:

Mr. Gerdes has over 35 years drafting experience, including roadway and highway reconstruction, as well as levee and drainage systems. He is trained in both AutoCAD and Microstation V8.2 drafting programs.

Employment History:

- ECM Consultants Inc, LA, *CAD Technician (2022-to date)*
- Volkert Engineering, LA, *CAD Draftsman (2019 – 2020)*
- Aims Group, Inc., LA, *CAD Draftsman (2008 – 2017)*
- Associated Design Group, LA, *CAD Draftsman (2007 – 2008)*
- Gaskins Surveying Company, GA, *CAD Draftsman (2006 – 2007)*
- Morphy Makofsky Engineering, Inc., LA, *CAD Draftsman (2004 – 2005)*
- C&S Consultants, Inc., LA, *Draftsman (1997 – 2003)*

CAD Technician, West Shore Lake Ponchartrain Hurricane and Storm Damage, Mr. Gerdes is providing planning and profiles of T-walls, cross sections, and **structural drainage systems**.

CAD Design Draftsman, Volkert Engineering Civil, roadway, and highway reconstruction which includes drainages, levee systems, sewage, **structural systems**, plans and profile and cross sections using Autocad Civil 3d.

CAD Design Draftsman, Aims Group, Inc. Civil, roadway, and highway reconstruction which includes drainages, levee systems, sewage, **structural systems**, plans and profile and cross sections using Autocad Civil 3d.

CAD Design Draftsman, Associated Design Group HVAC, piping plumbing riser plans, schematics, electrical.

CAD Design Draftsman, Gaskins Surveying Company Civil site development, writing legal, boundaries survey, final plats, alta surveys and elevations certificates etc.

CAD Design Draftsman, Morphy Makofsky Engineering, Inc. Civil, roadway, and highway reconstruction which includes drainages, sewage, structural systems, plans and profile and cross sections.

CAD Design Draftsman, C&S Consulting Engineers Inc. Civil, roadway, and highway reconstruction which includes drainages, sewage, structural systems, plans and profile and cross sections.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Warren Fiegel- Senior Resident Inspector
Project Assignment:
Resident Inspection
Name of Firm with which Associated:
ECM Consultants, Inc.

Years' experience with this Firm:
22
Education: Degree(s)/Year/Specialization:
High School
Active registration: Year first registered/discipline:
**ATSSA Traffic Control Flagger, Technician
OSHA 10**
Other experience and qualifications relevant to the proposed Project:

Mr. Fiegel has over 32 years of inspection experience in the engineering and construction industry. His responsibilities have included inspection services for new construction and repairs/renovations/alterations of major building construction projects including site utilities, site drainage, and pavement.

Employment History:

- ECM Consultants Inc, LA, *Sr. Resident Inspector (2006-to date)*
- Marchand Interior Specialties, *Kitchen Designer (1987-2000)*
- Landis Construction, *Inspector (1984-1987)*

Program Management for Katrina Damage Repairs to Water System, SWBNO; New Orleans, LA: Mr. Fiegel served as Resident Inspector for this project. Scope of work which included replacement of safety lighting in the parking areas; remodeling of the downstairs bathrooms in the Administration Building; demolition of an existing and construction of a new Annex Building; construction of the new SRF (Site Relocation Facility) which will house each garage with its workers during repairs to the garages; repairs to garage #1 including office space in same; repairs to garage #2; repairs to the body and tire shop; and the repair/replacement of the electrical duct bank and conduits including but not limited to the panels in the main power house.

Consolidated Car Rental Facility (CONRAC) at Louis Armstrong New Orleans International Airport, NOAB; Kenner, LA: Mr. Fiegel provided resident inspection for this 3-story facility that includes a new utility bldg. which houses high, medium and low voltage electrical control systems, fire alarm and emergency fire pump system. He was also responsible for inspection of surrounding roadways, storm sewers, sanitary sewers, walkways, and driveways.

National Church Registries, US HUD; Shreveport, LA: Mr. Fiegel served as Construction Quality Assurance Inspector and completed the \$3.8 million senior living facility project ahead of time and within budget. The duration of the project lasted approximately one year from the pre-construction conference to the final inspection and completion of the project. This Section 202 senior affordable housing facility has a three story frame on a post-tensioned concrete slab with 57 residential units. Scope included inspection of construction work, preparation of inspection reports, review and recommendations for monthly draw amounts based on completed work, substantial and final inspections, and warranty inspections.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Emilio Rodriguez – Inspector
Project Assignment:
Resident Inspection
Name of Firm with which Associated:
ECM Consultants, Inc.

Years' experience with this Firm:
17
Education: Degree(s)/Year/Specialization:
A.S. / 2005/ Architectural CAD
A.S. / 1989 / Technical Architecture (Construction
Active registration: Year first registered/discipline:
Other experience and qualifications relevant to the proposed Project:

Mr. Rodriguez has over 33 years of experience as an inspector. He has provided inspections for construction of movable bridges including vertical lift bridge, coatings and painting of bridge steel structural elements, safety inspection of numerous in-service bridges, erosion protection and coastal restoration projects. Mr. Rodriguez will serve as Lead Inspector for this contract.

Employment History:

- ECM Consultants Inc., LA, *Mechanical Engineer* (2004 - to date)

HANO Quality Control Services for Guste III Completion Work, New Orleans, LA: Mr. Rodriguez is providing resident inspection services for quality control assurance for completion and corrective work on this multi-family housing construction project. Duties include daily reports, observation of contractor activities, progress reports, review of contractor applications for payment, and coordination of testing and inspection services.

Hurricane Katrina Damage Repairs and Demolitions at New Orleans Lakefront Airport, New Orleans, LA: Mr. Rodriguez provided construction inspection services for this FEMA-funded project that included several building demolitions, repairs to multiple sewer lift stations, drainage repairs and miscellaneous damaged items repairs.

S.P. No. 700-99-0405, Crescent City Connection Division Annual Bridge Inspection, LA DOTD, New Orleans, LA: Mr. Rodriguez provided bridge and facility inspection services of the Main Bridge couplet (east and west bound structures) over the Mississippi River, structural steel paint condition inspection, approaches, ferry facilities, pontoons, mooring, toll facilities, pedestrian bridges, pump station, and buildings at CCD-owned facilities in Orleans, Jefferson, and St. Bernard Parishes. He also participated in preparing the report that detailed specific findings of the inspection.

Fisher Housing Redevelopment, Housing Authority of New Orleans (HANO), New Orleans, LA: Mr. Rodriguez provided construction inspection services for this \$20 million multifamily housing development project that included construction of two-story duplex and triplex buildings (183 units). He performed construction QA inspections for compliance with plans, specifications and building codes; reviewed and monitored project documentation to ascertain contractor and AOR compliance; scheduled and attended progress meetings; and prepared inspection reports. He also reviewed contractors monthly pay requests and PCO's for approval; performed substantial completion, final completion and warranty inspections.

L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.

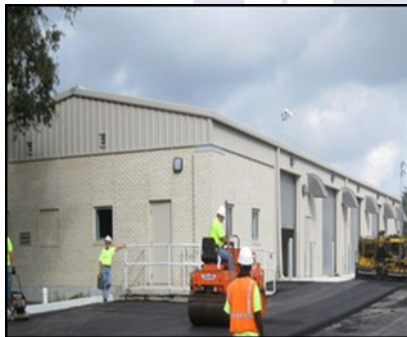
PROJECT NO. 1		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Jefferson Parish Public Works Warehouse Facility, Jefferson Parish, LA 1221 Elmwood Park Blvd., Jefferson, LA 70123</p>  	<p>ECM provided A-E design services as well as construction administration and resident inspection services for the new Public Works warehouse complex for the West Bank of Jefferson Parish. This \$5 million, 50,000 square foot facility is located in Westwego, LA and provides storage for all public works systems for the west bank of Jefferson Parish. The facility incorporates an independent racking system designed to store items from 30-foot-long street pole lights to nuts and bolts.</p> <p>The facility includes a 3,400 square foot conditioned administration, parts distribution and maintenance area as well as a covered loading dock area utilizing both drive-up and recessed docks. The structure is a pre-engineered metal building system designed to meet current wind-load requirements for the geographical location. There is pile-supported slab-on-grade designed for 350 lbs./square foot loading. The facility was also designed to provide temporary shelter for emergency personnel by incorporating into the design kitchen and shower facilities. The exterior façade has a mixture of pre-finished metal wall panel and brick veneer to blend with the surrounding structures as well as provide durability. There is on-site fuel dispensing for Parish vehicles, as well as an exterior fenced-in laydown storage area and on-site storm water retention.</p> <p>A-E services included initial scoping with Parish officials and building users; cost analysis and estimating for budget purposes; design, preparation of construction documents, construction administration and resident inspection services with full time inspector on site.</p> <p>The work included: Pile supported foundation, Grade beams, Concrete slab, Prefabricated metal building, Metal siding and roofing, Brick fascia, Inside climate-controlled office area and Storage racks</p> <div style="border: 1px solid black; background-color: #003366; color: white; padding: 5px;"> <p>Key Personnel Ujjal DasGupta, P.E. Kazem Alikhani, P.E. Guy Williams, RA, NCARB Neil Logan, P.E. Christopher Capretto, P.E. Marvin May Mansoor Bajwa, EI</p> </div>	
Completion Date: (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019 (A)	\$5 million	\$4.7 million

PROJECT NO. 2		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>State Emergency Warehouse for GOHSEP at Camp Villere Slidell, LA</p> <p>Office of Facility Planning & Control 1201 N. Third Street, Suite 7-210 Baton Rouge, LA 70802</p>   	<p>ECM provided Architectural and Engineering Services for design, preparation of plans and specifications, and construction administration of a State Emergency Warehouse for the Governor's Office of Homeland Security and Emergency Preparedness at Camp Villere in Slidell, Louisiana.</p> <p>The project consisted of a new one-story, approximately 22,500 SF structural steel warehouse building that will be used to store perishable and non-perishable state procured emergency commodities for immediate response to civil or natural emergencies. The warehouse has a secondary purpose of housing evacuees on a temporary basis. The building is climate controlled with approximately one half the area controlled for the storage of perishable commodities.</p> <p>Architectural services consisted of design for the metal building with metal roof, insulation, and metal siding; loading dock; and separate office area with restroom. Scope of work included: programming, site layout, building plans to meet client needs, preparation of conceptual design plans, preliminary cost estimates, preparation of construction documents, bidding phase, construction administration phase services.</p> <p>Civil design included: site work, utility services (water, sewer, electricity, telephone and fiber optics communications), concrete site paving for parking and access to main road, subsurface drainage, grading, seeding and fertilizing, and fencing.</p> <p>Structural work included: isolated footing foundations at each steel column, grade beams and concrete flooring, roof structure and siding, and review of metal building shop drawings designed by manufacturer.</p> <p>Mechanical and plumbing included: HVAC for office area, and perishable goods storage area and plumbing.</p> <p>Electrical engineering included: interior lighting, exterior lighting for parking lot, power system, and communication system including fiber optics.</p> <p>Total project budget was \$1.5 Million. Project was completed on time and within budget including an owner-added change order.</p> <div style="background-color: #003366; color: white; padding: 10px; text-align: center;"> <p>Key Personnel Ujjal DasGupta, P.E. Guy Williams, RA, NCARB Neil Logan, P.E. Marvin May</p> </div>	
Completion Date: (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2010 (A)	\$1.5 Million	\$1.5 Million

PROJECT NO. 3**Project Name, Location and Owner's contact information:**

**Hurricane Katrina Damage
Repairs/Renovations at Joe Brown
Memorial Park
New Orleans, LA**

**City of New Orleans – Department
of Capital Projects
1300 Perdido Street
New Orleans, LA 70112**

**Nature of Firm's Responsibility:**

ECM provided Architectural and Engineering Services for repairs and renovations to facilities at Joe Brown Memorial Park. ECM was responsible for: producing a report for FEMA outlining all damages and anticipated costs to repair; and architectural and engineering design services for repairs to all buildings, play areas, tennis courts, baseball fields, sports lighting, pathway lighting, electrical vault upgrades, and associated facilities.

The park includes 3 baseball fields, 10 tennis courts, a tennis concession building, two children's play areas, two shelters, one gymnasium, a coaching concession building, three baseball fields, and a new maintenance building. Associated with these facilities are parking areas, a bike/walking path, and green areas. Scope of work included:

- New Maintenance Building which included metal building with metal roof and siding. Building was designed to be 3' above grade to meet new BFE. Foundation was timber piles and concrete grade beams and slab. This also included a ramp for access to the building and parking lot. Building included facilities such as clean and paint garage, facility overhead doors, and required electrical and mechanical items including fuel tank and pumps.
- Tennis Court Concession Building work included repair asphalt shingle roof; clean, repair, replace all interior and exterior finishes; replace electrical systems and condenser; and replace plumbing.
- Shelters # 1 and #2 included repair and paint of all surfaces, replace electrical systems, bathroom renovations, and repair roof.
- Tennis Court & Baseball Fields: repair/replace fence and lighting
- Coaching Concession Building work included gut interior, remove all finishes, replace all finishes and repaint all walls, replace doors and hardware, and replace water heater.
- Picnic Area: repair bike trails and replace picnic tables and park benches
- Electrical Vaults # 1, #2, #6, & #7: replace entire electrical system and paint building
- Coldmill and repave all asphalt roadway within park.
- Replace damaged sewer and water lines in the entire park

Key Personnel

Ujjal DasGupta, P.E.
Guy Williams, RA, NCARB
Neil Logan, P.E.
Marvin May

Completion Date: (Actual or Estimated):

2013 (A)

Estimated Cost:**Entire Project:**

\$6.4 million

Work for which Firm was Responsible:

\$6.4 million

PROJECT NO. 4				
Project Name, Location and Owner's contact information:		Nature of Firm's Responsibility:		
<p>Esplanade Avenue Wharf, Governor Nicholls Wharf, and Nashville Shed "A" (Phase I and Phase II) New Orleans, LA</p> <p>Port of New Orleans 1350 Port of New Orleans PI New Orleans, LA 70160</p>   		<p>ECM provided architectural and engineering services for replacement of the roof and associated work for Nashville Avenue wharf shed in two phases. Scope of work for both the phases included a study, structural analysis, project management, design, preparation of PS&E, construction administration and resident inspection services.</p> <p>After a comprehensive study and structural analysis of the roof structure, it was determined that it needed to be upgraded to meet the current ASCE 07 wind loading requirement of 135 mph. The existing 300' span steel roof truss system was originally designed for a wind load of 90 mph. The shed structure was analyzed using STAAD III, structural software, creating a 3-D model of the entire shed and applying load combinations as per code including ASCE07 wind loading requirements. Analysis indicated that substantial strengthening of many members of the steel trusses and the columns was necessary due to potential failure of the structure at a higher wind load of 135 mph. This was achieved by welding additional steel shapes to the various truss members and columns.</p> <p>The contract document was prepared requiring the facility to stay open 24/7 during construction. A detailed phasing plan was prepared in consultation with the facility tenant and Port staff to facilitate construction without interrupting terminal operations.</p> <p>Work for the Nashville Ave Wharf Shed "A" (Phase 1) included demolition and removal of approximately 240,000 S.F. of the existing 792,000 S.F. built-up roof system on wood deck, and installation of new symmetrical "T" standing seam metal roof which was designed as replacement roof. Work also included welding steel shapes to various truss members.</p> <p>Work for the Nashville Ave Wharf Shed 'A' (Phase 2) included demolition of 436,000 S.F. of existing built-up roofing system on wood deck and replacing it with a new symmetrical "T" standing seam metal roof system and welding of steel shapes to truss members and steel columns. This project was completed within budget and five months ahead of schedule.</p>		
<p>Completion Date: (Actual or Estimated):</p>		Estimated Cost:		
		<table border="1"> <tr> <td>Entire Project:</td> <td>Work for which Firm was Responsible:</td> </tr> <tr> <td>2013 (A)</td> <td>\$ 8.7 million</td> </tr> </table>	Entire Project:	Work for which Firm was Responsible:
Entire Project:	Work for which Firm was Responsible:			
2013 (A)	\$ 8.7 million			

Key Personnel
 Ujjal DasGupta, P.E.
 Guy Williams, RA, NCARB
 Neil Logan, P.E.
 Marvin May
 Warren Fiegel

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Data Center at Annex Administrative Building, New Orleans, LA Jefferson Parish Public School System, 4600 River Road, Marrero, LA 70072</p>  	<p>ECM provided A-E design services for this Data Center to a Tier 4 design criteria within the existing Administration Annex Building of the Jefferson Parish Public School System. This structure was designed to withstand 200 mph sustained wind loads. This substantial wind-loading criteria was obtained by designing an enhanced steel post-and-beam system with a separate anchoring system at each of the exterior metal studs. A 22-gage standing-seam roofing system was incorporated to provide a water-tight envelope even though the data center was built inside the existing structure. The Data Center includes in-row telecommunication and computer storage systems, integrated cooling systems, high-tech security systems including double redundancy of the mechanical cooling and power systems. This redundancy was accomplished utilizing two separate 950 KW emergency power generators that provided complete uninterrupted service. An exterior 15,000 gallon diesel fuel tank system was provided to allow the Data Center to operate for extended periods of time with the power grid down. The Fuel System each has 2-300 gallon day tanks.</p> <p>ECM worked with the client to help develop the scope for the data system as well as facilitate input from the industries top data system suppliers and manufacturers to provide the best system available for the Owner's needs.</p> <p>The building design included a 1200 sq. ft. building located inside the existing building on the 3rd floor with cement capped raised floor, steel double door with a minimum 6' x 8' clearance. The Data Center facility included site work for access and pile supported foundation for the fuel tank, hurricane resistant wall and roof systems, redundant generators, uninterrupted power supplies, electrical and mechanical cooling systems with an N+1 redundancy for continual operation.</p> <div style="border: 1px solid black; background-color: #0056b3; color: white; padding: 5px; text-align: center;"> <p>Key Personnel Ujjal DasGupta, P.E. Guy Williams, RA, NCARB Marvin May</p> </div>	
Completion Date: (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2017 (A)	\$3.7 Million	\$3.7 Million

PROJECT NO. 6

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:					
<p>On Call A-E Services for the Revitalization and Modernization of HANO Properties. Task Order 1 and 2, New Orleans, LA</p> <p>Housing Authority of New Orleans (HANO)</p>	<p><u>Task Order 1 – Iberville Housing Development</u></p> <p>ECM provided architectural, engineering and contract administration services including construction inspection services for three concurrent projects at Iberville Development Community in Downtown New Orleans. Scope of work included designs and preparation of construction Documents and Construction Administration services to the upgrade and repairs to 642 units at the Iberville Development.</p> <p>Three separate contract documents were prepared for the following three projects:</p> <ul style="list-style-type: none">• \$2 Million Site improvements which included removal and replacement of damaged sidewalks and drives; new dumpster pads; repairs and upgrades to play areas; site grading etc.• \$2 Million repairs to vacant units to include plumbing system, kitchen upgrades, repair flooring and walls and painting.• \$4 Million repairs and upgrades to occupied units. This project was divided into eight phases to avoid inconvenience and to minimize disruption to the current residents. Repairs and upgrades included upgrades to plumbing system; replacement of kitchen cabinets and sinks; repair and painting of walls and replacement of damaged floors; and centralization and standardization of the hardware system for the entire project.					
	<p><u>Task Order 2 – Guste High Rise</u></p> <p>ECM provided architectural, engineering and contract administration services in support of HANO's initiatives for the modernization and redevelopment of housing units and support facilities in New Orleans. Task Order No. 2 entailed interior and exterior repairs at Guste High Rise.</p> <p>Exterior repairs included installation of durable gauge gutters and downspout with gutter cover, replace roof, doors, sealing exterior, and painting exterior surface for weather proofing. Interior repairs included ceiling floors, wall painting, replacements of light fixtures/blubs with energy efficient fixtures/blubs. Install new kitchen cabinets and counter tops. Install new swing closet doors in all units. Install smoke detectors with battery backup. Install VCT flooring in hallways and units and replace elevators. Mechanical system modifications for the project, included replacement of hot water heating boilers, replacement of domestic hot water temperature controls, addition of HVAC units for computer rooms, and various other modifications to chilled water and condenser water piping, and valve replacements in the domestic hot water system. Interior repairs project also included new generator to provide power to first floor common area during power outage.</p> <p>The objective of the project is to bring Guste High Rise up to physical standards comparable with the conditions of the surrounding neighborhood and market-quality rental housing. In addition to architectural, structural, mechanical, and electrical engineering design, work also include conducting meetings with residents and community members, cost estimating, budget monitoring, and construction administration and resident inspection throughout the duration of the project.</p>					
	<div><p><u>Key Personnel</u></p><p>Ujjal DasGupta, P.E. Guy Williams, RA, NCARB Marvin May Emilio Rodriguez</p></div>					
<p>Completion Date: (Actual or Estimated):</p> <p>2011 (A)</p>	<p>Estimated Cost:</p> <table><tr><th>Entire Project:</th><th>Work for which Firm was Responsible:</th></tr><tr><td>\$14 Million</td><td>\$14 Million</td></tr></table>		Entire Project:	Work for which Firm was Responsible:	\$14 Million	\$14 Million
Entire Project:	Work for which Firm was Responsible:					
\$14 Million	\$14 Million					

Key Personnel

Ujjal DasGupta, P.E.
Guy Williams, RA, NCARB
Marvin May
Emilio Rodriguez

PROJECT NO. 7

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Hurricane Katrina Damage Repairs and Demolition at New Orleans Lakefront Airport New Orleans, LA</p> <p>Orleans Levee District 6920 Franklin Avenue New Orleans, LA 70122</p>   	<p>The project consisted of A-E design services for building demolitions, repairs to several sewer lift stations, drainage repairs and renovation to Hangar Building 101. Scope of Work included field surveys and investigations for damage assessments; review FEMA PWs and prepare reassessment cost estimates; obtain approval for FEMA for reassessed cost; improved project cost documentation for FEMA approval, architectural and engineering designs; preparation of plans, specifications and estimates (PS&E), construction administration, and resident inspection services.</p> <p>This contract included three projects:</p> <ol style="list-style-type: none"> 1. A/E Services for demolition of Maintenance Facility, Chevron Office Building, and Naval Facility. During FEMA PW reassessment ECM found that the Naval Facility was slated to be repaired at a cost of \$870,000. However, after field visit it was determined by ECM that this building was structurally unsafe and is beyond repairs. ECM estimated new building construction cost as \$11.4 Million which was approved by FEMA after many meetings and discussions. 2. Repairs of engineering design for seven Lift Stations, Fuel Farm Containment Dike and Southwest Area drainage and Washrack Repairs. 3. Repairs of the Hangar 101 which included bidding project in three different phases. <p>Phase I– Repair of exterior including windows and doors. Phase II—Gutting interior and building a white box. Phase III-Repairs, Upgrades and Build-Out of Hangar according to tenants' requirements.</p> <p>The separation of this project in 3 phases allowed the owner to address all needs and be able to ascertain that approved FEMA funding would be sufficient to undertake the project. ECM provided a complete set of construction drawings for each phase and provided construction administration services.</p> <div data-bbox="1153 1591 1550 1743"> <p>Key Personnel Ujjal DasGupta, P.E. Guy Williams, RA, NCARB Marvin Mav</p> </div>	
Completion Date: (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2012 (A)	\$5.8 Million	\$5.8 Million

PROJECT NO. 8


Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>A-E Services for Renovations at Various Schools Jefferson Parish, LA</p> <p>Jefferson Parish School Board 501 Manhattan Blvd. Harvey, LA 70058</p>   	<p>ECM has provided A-E services for multiple renovation projects at Jefferson Parish Public Schools including Architectural, Civil, Structural, Mechanical, Electrical and construction administration services. Total construction cost for all projects was over \$10 million and CIP funded. Major projects have included roof replacement, exterior weather proofing, interior renovations, HVAC, Fire Alarm and intercom system, etc. at various schools.</p> <p>ECM provided services for a new kindergarten classroom building at Phoebe Hearst School that included covered walkways, pile foundation, concrete beams and slabs, steel frame, metal roof, concrete block with brick fascia exterior walls, metal stud interior walls with gypsum board, carpet, painting, ceiling, HVAC, plumbing and electrical.</p> <p>Multiple renovation projects at Riverdale Middle and High schools have included: replacing windows in 6th and 7th grade buildings; replacing basketball goals in gymnasium and auditorium; replacing asbestos containing ceiling tile in main building; and renovating cafeteria building, Library and conference room. ECM has provided services for design of renovations and conversion of existing cafeteria into a media center.</p> <p>ECM also provided engineering services for replacement of lighting in all 38 East Bank schools with an energy efficient lighting system which resulted in substantial cost savings for Jefferson Parish School Board.</p> <p>The following is the list of schools which included roof replacement, exterior weather proofing and/or new HVAC system:</p> <ul style="list-style-type: none"> • Bonnabel High School • J.D. Meisler Middle School • Estelle Elementary School • Phoebe Hearst Elementary School • John Q. Adams Middle school 	
Completion Date: (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2011 (A)	\$10 Million	\$10 Million

Key Personnel
Ujjal DasGupta, P.E.
Guy Williams, RA, NCARB
Marvin May

PROJECT NO. 9

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:			
<p>LADOTD Retainer Contracts for Civil and Structural Design Services Statewide, Louisiana</p> <p>LADOTD P.O. Box 94245 Baton Rouge, LA 70604</p>   	<p><u>Franklinton Maintenance Building</u> ECM provided civil and structural engineering design services for the construction of a new 1,400 SF single-story maintenance building in Washington Parish, as part of a retainer contract with LADOTD. ECM was primarily responsible for site plan, building structure, foundation and slab design for this facility. The structure was designed to resist wind loads corresponding to 130mph wind load. Design was performed in accordance with DOTD Architectural Procedures Manual 2007 edition and International Building Code 2009 edition. In addition to design services, ECM provided coordination for survey and geotechnical design as well as construction engineering and oversight during the installation of foundation and the pre-engineered metal building.</p> <p><u>Central Repair Shop Renovations</u> ECM Consultants, Inc. provided structural and civil engineering design services for a new 10,000 SF single-story metal building in East Baton Rouge Parish. As structural designer, ECM was responsible for foundation and slab design for the building. As civil designer, ECM provided site development design for the pavement, drainage design, and utility relocation. ECM was also responsible for providing surveying and geotechnical engineering services through coordination with the sub-consultants. ECM will also be providing construction engineering and oversight during the installation of foundation and site development.</p> <p><u>ADA Compliant Bathroom Facilities at Districts 03, 05, and 07</u> ECM Consultants, Inc. is providing structural and civil engineering design services for addition of three ADA compliant bathroom facilities at District Material Laboratories in Lafayette, Monroe, and Lake Charles. As civil and structural designer, ECM will be responsible for foundation and slab design for the buildings as well as the required site development design. ECM will also be responsible for providing surveying and geotechnical engineering services through sub-consultants and construction engineering and oversight during the installation of foundation and site development.</p> <div data-bbox="1110 1524 1550 1692" style="background-color: #0056b3; color: white; padding: 10px;"> <p><u>Key Personnel</u> Ujjal DasGupta, P.E. Sunina Shrestha, P.E. Marvin May</p> </div>			
<p>Completion Date: (Actual or Estimated): 2016(A)</p>	<p>Estimated Cost:</p> <table border="1" data-bbox="609 1801 1550 1900"> <tr> <td data-bbox="609 1801 1068 1871">Entire Project: N/A</td> <td data-bbox="1068 1801 1550 1871">Work for which Firm was Responsible: \$50,000 (Fees)</td> </tr> </table>		Entire Project: N/A	Work for which Firm was Responsible: \$50,000 (Fees)
Entire Project: N/A	Work for which Firm was Responsible: \$50,000 (Fees)			

PROJECT NO. 10

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Demobilization of 4 Temporary Ascension Parish Public Schools, Ascension Parish, LA</p> <p>Ascension Public Schools 1100 Webster Street Donaldsonville, LA 70346 225-257-2000</p>   	<p>ECM provided complete architectural services to demobilize temporary campuses and restore the site infrastructure to pre-flood conditions that resulted in the August 2016 flood.</p> <p>The following was performed at 4 temporary locations:</p> <ul style="list-style-type: none"> • St. Amant High School, St. Amant, LA <ul style="list-style-type: none"> ○ Removed 68,920 sf of building ○ 11 building pods ○ 16,652 sf of walkways ○ Associated site work and infrastructure • Galvez Middle School, Prairieville, LA <ul style="list-style-type: none"> ○ Removed 38,338 sf of building ○ 8 building pods ○ 13,167 sf of walkways ○ Associated site work and infrastructure ○ • Lake Elementary School, St. Amant, LA <ul style="list-style-type: none"> ○ Removed 71,011 sf of buildings ○ 13 building pods ○ 25,137 sf of walkways <p>Design services included Program Completion, Schematic Design, Design Development, Construction Documents, Bidding, and Construction Administration. ECM also coordinated with engineering, landscape architects and interior designers during the project duration.</p> <div data-bbox="1170 1262 1550 1472" style="background-color: #003366; color: white; padding: 10px;"> <p>Key Personnel Kazem Alikhani, P.E. Guy Williams, RA, NCARB Chris Capretto, P.E. Marvin May</p> </div>	
Completion Date: (Actual or Estimated): 2018 (A)	Estimated Cost:	
	Entire Project: \$750,000	Work for which Firm was Responsible: \$750,000

M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary NONE		
Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. N/A	N/A	N/A
2. N/A	N/A	N/A
3. N/A	N/A	N/A
4. N/A	N/A	N/A

ECM Consultants, Inc. **has never been involved** in any litigation and/or adversarial legal proceedings with Jefferson Parish.

N. Use this space to provide any additional information or description of resources supporting firms qualifications for the proposed project.

- TEAM PROFILE & MINIMUM REQUIREMENTS
- EVALUATION CRITERIA
 1. Professional Training & Experience
 2. Size of Firm
 3. Capacity for Timely Completion of Work
 4. Past Performance
 5. Location of Principal Office
 6. Adversarial Legal Proceedings with Parish
 7. Prior Successful Completion of Projects
- QUALITY CONTROL PLAN
- CONCLUSION

- USDA, National Finance Center
- U.S. Customs Service, Indianapolis, IN
- City of Kenner Dept. of Public Works
- U.S. HUD, Fort Worth, TX
- U.S. Navy, NAS, Joint Reserve Base, New Orleans

The qualifications, integrity, reliability, and commitment of our personnel to provide quality professional services have earned ECM Consultants, Inc. an excellent reputation and repeat work from our clients. **About 95% of our work is repeat business from existing customers.**

ECM will serve as the Prime consultant on this contract with the following specialty firms as sub-consultants:

BFM Corporation, LLC, Professional Land Surveying firm, has provided services to public and private agencies throughout the Gulf South, including hundreds of projects across Jefferson Parish. BFM provides surveying services covering all facets of engineering, construction, and forensics; topographic, hydrographic, and high definition laser scanning. BFM will provide surveying services as-needed.

Gulf South Engineering & Testing, Inc. (Gulf South) is a geotechnical engineering and construction materials testing firm headquartered in Kenner, LA. Gulf South conducts field and laboratory geotechnical engineering services to provide accurate data of subsurface conditions and analyses for design of a variety of public and private infrastructure projects across Jefferson Parish and south Louisiana.

IMC Consulting Engineers, Inc. (IMC) is a mechanical, electrical and plumbing design firm headquartered in Metairie, LA. IMC provides engineering design and prepare PS&E for MEP commercial, municipal and institutional buildings

Team Profile & Minimum Requirements

ECM Consultants, Inc. is a local, minority engineering, architectural, construction management firm headquartered in Metairie, LA with a full-service branch office in Baton Rouge. ECM was incorporated under the laws of the State of Louisiana on August 31, 1995 and holds current licenses in Engineering (No. 2003), Architectural/Engineering (No. 0173), and Construction Management (No. 31739). Over the last 26 years, ECM has provided professional services on over 900 projects for clients including:

- Jefferson Parish Department of Public Works
- Div. of Administration, Ofc. of Facility Planning & Control
- Jefferson Parish Public Schools
- Jefferson Parish Juvenile Justice Agency
- Jefferson Parish Dept. of Community Development
- Housing Authority of New Orleans (HANO)
- City of New Orleans Dept. of Public Works,
- Louisiana Dept. of Transportation & Development
- Orleans Parish School Board
- Ascension Parish School Board
- Sewerage & Water Board of New Orleans
- Port of New Orleans
- New Orleans Aviation Board
- Southeast Louisiana Flood Protection Authority
- City of Baton Rouge Dept. of Public Works
- Dept. of Army and Air Force, national Guard Bureau
- Non-Flood Protection Asset Management Authority
- USACE New Orleans, Mobile, Charleston and Louisville Districts; Hurricane Protection Office
- USDA, Natural Resources Conservation Service

Minimum Requirements	Personnel Meeting Requirement
1. The persons or firms under consideration shall have at least one (1) principal who is a licensed, registered architect or a professional engineer in the State of Louisiana.	<p>Ujjal DasGupta, P.E. President LA License No. 19849 53 years' experience</p> <p>Kazem Alikhani, P.E. Chief Executive Officer LA License No. 25073 41 years' experience</p>

N. Use this space to provide any additional information or description of resources supporting firms qualifications for the proposed project.

2. The persons or firms under consideration shall have a professional in charge of the Project who is a licensed, registered architect or professional engineer in the State of Louisiana with a minimum of five (5) years' experience.	Guy Williams, RA, NCARB 37 years' experience LA Licensed Architect, No. 3907 Professional in-charge of the Project
3. The persons or firms under consideration shall have one (1) employee who is a licensed, registered architect or professional engineer in the State of Louisiana in the applicable discipline involved. A subcontractor may meet this requirement only if the advertised Project involves more than one discipline.	Guy Williams, RA, NCARB LA Licensed Architect, No. 3907 Sunina Shrestha, P.E. LA Licensed Civil Engineer No. 37901 Sudhir Mehta, P.E. LA Licensed Civil/Structural Engineer No. 18950

Evaluation Criteria

and facilities as well as infrastructure projects.

1. PROFESSIONAL TRAINING AND EXPERIENCE

Experience of Key Professionals

Ujjal DasGupta, P.E., Principal in Charge: Mr. DasGupta 53 years of experience. He has a B.S. degree in Civil Engineering and more than 50 years of experience in project management, civil and structural engineering design, construction management, and construction quality assurance services. He has been responsible for engineering design and construction management services for over a billion dollars of projects for various local, state and federal agencies. Mr. DasGupta is a Louisiana registered Professional Engineer.

Kazem Alikhani, P.E., Contract Manager/ POC: 41 years of experience managing public works projects including planning, design, and construction management. Under his direction as Jefferson Parish Director of Public Works, he was responsible for all public works functions and overseeing an annual operating budget of \$200M and a capital budget of over \$100 million. His public works oversight consisted of managing nine departments: drainage (canals, subsurface, pump stations), sewage (collection system

and waste water treatment plants), water (distribution and water treatment plants), streets (over 3,200 lane miles), parkways, environmental, Floodplain Management and Hazard Mitigation, engineering; Capital projects including planning, managing engineering and construction of capital project improvements. He has planned, designed, managed numerous projects from inspection to completion including preparation of bids, evaluations, awards, and managed complex projects during construction.

Guy Williams, RA, NCARB, LEED, Lead Architect.. He will serve as the **Professional in charge of the project.** He has a B.A. degree in Architecture and is registered in the State of Louisiana, with over **37 years of experience** in architectural design, preparation of construction documents, and construction management for public and private sector projects. Mr. Williams is experienced in new construction and renovation/repair projects including aviation, military, educational, government, and commercial facilities.

Neil Logan, P.E., Structural Engineer. He has a B.S. degree in Civil Engineering and is a registered Professional Engineer in Louisiana. His 59 years of experience include structural design of commercial buildings, warehouses, pump houses and maintenance facilities.

Sudhir Mehta, P.E., Structural Engineering: Mr. Mehta has 49 years of experience in the design, analysis and construction of major hydraulic structures such as pumping stations, floodwalls, floodgates and other flood control structures in multiple USACE districts, states and municipalities.

Kyle Kessler, P.E., will serve as **Structural Engineer.** He has a B.S. degree in Civil Engineering and more than five years of experience. As a registered Professional Engineer in Louisiana, his experience includes structural engineering design and analysis for various types of buildings, such as Police station, school buildings, animal shelters and several building renovation projects.

Sunina Shrestha, P.E., will serve as **Civil Engineer.** She has a M.S. degree in Civil Engineering and more than 15 years of experience. As a registered Professional Engineer in Louisiana, her experience includes engineering design and preparation of plans, specifications and estimates for building site layout plans.

N. Use this space to provide any additional information or description of resources supporting firms qualifications for the proposed project.

2. SIZE OF FIRM

ECM has **62** qualified individuals to provide high quality services on this contract. The team includes three specialty subconsultants who combined bring a total of 114 professional and support staff available to work on projects under this contract.

3. CAPACITY FOR TIMELY COMPLETION OF WORK

ECM understands the requirements of successfully managing and executing contracts. Contracts will be staffed by personnel with the technical expertise, resources, and capacity to effectively fill the needs of the project. Our efficient approach to scheduling our work allows ECM personnel to provide all required man-hours for each of our ongoing projects.

4. PAST PERFORMANCE ON SIMILAR PROJECTS

ECM has successfully completed many projects for Jefferson Parish and various federal and state government agencies and has received **"Exceptional"** performance ratings relative to controlling costs, quality of work, and maintaining the contract's schedule. We take pride in completing projects on-schedule and within budget, and as a result we have been rewarded with repeat contracts. Below are examples of projects completed within budget and on time:

- **Contract No. W912P80-07-D-0031 for the U.S. Army Corps of Engineers- HPO:** ECM was the managing J/V partner. A total of 97 Task Orders were issued, 90 percent of which received *"Exceptional"* ratings and the remaining 10 percent received *"Very Good"* ratings.
- **Contract No. AG-7217-D10-0046 USDA-NRCS for USACE's Alexandria, Louisiana:** ECM received a *"Very Good"* performance rating.
- **Contract No. W912P80-07-D-0067; U.S. Army Corps of Engineers, New Orleans District:** ECM was the managing J/V partner. A total of 275 task orders were issued and we received *"Exceptional"* rating for all task orders.
- **Contracts No. C-FTW-00366 and 00411; U.S. HUD, Atlanta Contracting Operations, Fort Worth Texas:** ECM received an *"Outstanding"* performance rating for both of these contracts. The evaluation report states: *"The contractor has demonstrated an outstanding performance level that was significantly in excess of anticipated achievements and is commendable as an example for others, so that it justifies adding a point to the score. It is expected that this rating will be used in those rare circumstances where contractor performance clearly exceeds the performance levels described as Excellent"*

5. LOCATION OF PRINCIPAL OFFICE

ECM has been working for Jefferson Parish for over two decades on a variety of different types of project such as buildings, water, drainage, sewer, roadway and bridges. We have performed services in multiple capacities from design, inspection to support services for other disciplines such as coastal, electrical and mechanical. Our 26 year history with the Parish speaks for itself on our past performance.

The ECM Consultants, Inc. principal office is located in Jefferson Parish at 1301 Clearview Parkway, Suite 200, Metairie, LA 70001. All work by the prime consultant will be performed from this office. Services by our subconsultants such as Geotechnical services will be performed from Kenner, LA, Surveying services will be performed from Kenner, LA and Mechanical and Electrical Engineering services will be performed from Metairie, LA.

6. ADVERSARIAL LEGAL PROCEEDINGS BETWEEN THE PARISH AND FIRM

ECM Consultants, Inc. **has never been involved** in any litigation and/or adversarial legal proceedings with Jefferson Parish.

7. PRIOR SUCCESSFUL COMPLETION OF PROJECTS

ECM has received **"Exceptional"** performance ratings from various USACE Districts, an *"Outstanding"* performance rating from U.S. HUD, and *"Letters of Commendation"* from the U.S. Customs Service, USDA, U.S. HUD, U.S. Army Corps of Engineers-NOD, and various other local government agencies such as Jefferson Parish, City of New Orleans-DPW, Calcasieu Parish Policy Jury, and many more. **Below are references from some of our related projects:**

- **ARFF Building**
George Groh, Project Manager, Louis Armstrong International Airport, (504) 464-0831
- **Napoleon Avenue Roadway & Canal**
Ron Spooner, P.E., S&WB of New Orleans, (504) 865-0650
- **Joe Brown Park Facilities**
Vincent Smith, City of New Orleans Capital Projects, (504) 658-8666
- **Storm Proofing Jefferson Parish Pump Station and Replacement of West Bank Mississippi River Levee, Empire to Buras (NOV 16) Phase II:**
Dan Bradley, P.E., USACE New Orleans, 504-862-2201
- **Jefferson Parish Roadway Projects**
Mark Drewes, P.E., Jefferson Parish Dept. of Public Works, (504) 736-6506

ECM Consultants, Inc. has an excellent quality control

N. Use this space to provide any additional information or description of resources supporting firms qualifications for the proposed project.

QUALITY CONTROL PLAN

program. During the design phase the project manager is responsible for establishing design criteria in consultation with the owner. Before the start of a project, the project manager will meet with all staff (project engineers, junior engineers, and the CAD operator) to communicate the project scope, design criteria, drafting standards, coordination requirements with various disciplines, completion schedules for various phases, and, most importantly, the project goal and Owner's expectation of high-quality professional work. The project manager is responsible for coordination with the owner and project engineers. All of our staff members are conscientious, thorough and understand the importance of preparing construction documents with a standard of care exceeding the industry standard. The criticality of following design procedures is consistently emphasized, and all drafting is thoroughly checked by the design engineers.

Routine progress meetings are held to determine progress, coordination, and resolution of challenges associated with the project. The project engineer checks design computations and drawings at every stage for quality assurance.

CONCLUSION

ECM Consultants, Inc. exceeds the required qualifications, experience, and resources to perform routine architectural and engineering projects in Jefferson Parish. We are poised for immediate assignment and look forward to providing excellent professional services. We hope to receive favorable consideration.



Jefferson Parish Public Works Facility that ECM provided A-E design services, construction administration, & resident Inspection services for in 2019.



Nashville Shed "A" that ECM provided A-E services for in 2019, to determine what upgrades would be need to bring the space up to ASCE 07 wind loading requirements of 135MPH.

O. To the best of my knowledge, the forgoing is an accurate statement of facts.

Signature:



Print Name:

Kazem Alikhani, P.E.

Title: Chief Executive Officer (CEO)

Date: 06/10/2022

Section 2

Gulf South Engineering & Testing, Inc.

TEC Professional Services

Questionnaire

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Architectural and Engineering Services for Architectural Type Projects

SOQ 22-026 | Resolution No. 139630

B. Firm Name & Address:



Gulf South Engineering and Testing, Inc.

15 Veterans Memorial Boulevard

Kenner LA 70062

C. Name, title, & contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana:

Chad M. Poché, P.E., Principal/Vice President

telephone 504-305-4401 • cpoche@gulfsoutheng.com

Registered Professional Civil Engineer, Louisiana No. 27667 (1998)

D. Name, title, & contact information of employee who is a registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline.

Chad M. Poché, P.E., Principal/Vice President

telephone 504-305-4401 • cpoche@gulfsoutheng.com

Registered Professional Civil Engineer, Louisiana No. 27667 (1998)

E. Please provide the number of employees whose primary function corresponds with each category:

6	Administrative	-	Estimators	-	Specification Writers
-	Architects (Licensed)	-	Geologists	-	Structural Engineers
-	Chemical Engineers	2	Geotechnical Engineers	1	Graduate Engineers
-	Civil Engineers	-	Interior Designers	-	Project Managers
10	Construction Inspectors	-	Landscape Architects	-	Clerical (<i>see Administrative</i>)
-	Ecologists	-	Land Surveyor (<i>*see PLS</i>)	-	Grant/Funding Specialist
-	Electrical Engineers	-	Mechanical Engineers	-	Sanitary Engineers
-	Engineer Intern	-	Environmental Engineers	1	Construction Managers
1	Professional Land Surveyors			1	Laboratory Managers

*employee count also include two CMT Supervisors, 1 Senior Engineering Technician, 1 Field Engineer, 3 Laboratory Technicians, 1 Soil Boring Driller, and one Soil Boring Driller Apprentice

32* TOTAL

F. Is this submittal by a JOINT-VENTURE? Please check: YES _____ NO **X**

If marked “No”, skip to Section I. If marked “yes”, complete Sections G-H.

TEC Professional Services Questionnaire

G. If submittal is by a JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. please attach additional pages if necessary.

1. N/A

2.

H. Has this JOINT-VENTURE previously worked together? Please check:

YES _____ NO _____ N/A

I. List all subcontractors anticipated for this Project. Please note that all subcontractors must submit a fully completed copy of this questionnaire, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.

Name & Address:	Specialty:	Worked with Prime Before (Yes or No):
1. N/A		
2.		
3.		

J. Please specify the total number of support personnel that may assist in the completion of this Project:

32 (all personnel will be available to the project; individuals to be assigned)

TEC Professional Services Questionnaire

K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e., résumé) that demonstrates the employment history of the Firm's key persons that may assist in the completion of this Project. Please attach additional pages if necessary.

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Chad M. Poché, P.E.
Vice-President

Project Assignment:

Engineering Manager; Geotechnical Engineer

Name of Firm with which associated:



ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants

Years experience with this Firm:

11 years with this firm (2011); 29 years total (1993)

Education: Degree(s)/Year/Specialization:

M.S., 1998, Civil Engineering, University of New Orleans
B.S., 1993, Civil Engineering, Louisiana State University

Active registration: Year first registered/discipline:

1998, Civil Engineer, Louisiana No. 27667
2002, Civil Engineer, Mississippi No. 15405

Other experience and qualifications relevant to the proposed Project:

Chad M. Poché, P.E., is Vice President, co-founder, and a Principal in Gulf South. He has been a consulting geotechnical engineer for nearly 30 years in South Louisiana, working on traditional and unique geotechnical engineering projects (shallow and deep foundation design, slope stability, pavement design, etc.). Mr. Poché has also provided construction oversight for virtually every type of earthwork related project. He has been the geotechnical engineer of record for thousands of projects throughout his career.

Mr. Poché's experience includes the development of appropriate scopes of work and proposals for a broad range of projects; planning and coordinating analyses; preparing technical reports; foundation and geotechnical engineering design; construction recommendations; Miss. River facility permitting; managing personnel and office operations and serving as an Expert Witness.

Mr. Poché has logged soil borings; overseen the installation of ground water monitoring wells, piezometers, and inclinometers; overseen and evaluated pile load tests; overseen, performed, and evaluated dynamic pile testing (PDA and PIT); performed CMT field testing and inspection; and performed laboratory testing.

TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

Chad M. Poché, P.E. (continued)

Training Facility - New Airnasium and Paved Areas, Jefferson Parish Fire Department, Bridge City, Jefferson Parish, LA. Geotechnical engineering services for the construction of a new fire station training facility consisting of an airnasium (open-air pavilion) structure and heavy duty pavement in Bridge City, LA. Gulf South's scope includes drilling three undisturbed soil borings (b.g.s.; one at 50 ft., two at 6 ft.), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$6,000 (fee); 2020)

New Library Building (US90 & Avondale Garden Road), Avondale, Jefferson Parish, LA. Geotechnical engineering services for the construction of a new public building at the northwest corner land parcels (Square 6, Lots No, 1 through 5) at the intersection of US Highway 90 and Avondale Garden Road in Avondale, LA. Gulf South's scope includes drilling three undisturbed soil borings (depths of 60 and 6 feet below the ground surface), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$4,100 (fee); 2020)

Starlight Studio Phase II Expansion Buildings, New Orleans, LA. Geotechnical investigation for construction of three new buildings, paved areas, and drainage/utility improvements at 4227 Poche Courty West in New Orleans, LA. Gulf South's scope includes drilling seven undisturbed soil borings (3 at 80 ft.; 4 at 10 ft.), lab testing, and engineering analyses including allowable soil bearing values, allowable pile load capacities, estimates of settlement, pavement design recommendations, pond/borrow fill recommendations, estimated capability of pond area to hold water and lining recommendations, and general construction recommendations. (\$10,000 (fee); 2019)

New Nursing & Allied Health Building, Delgado Community College, New Orleans, LA. Geotechnical engineering services for the construction of a new building at the northeast corner of City Park Avenue and Orleans Avenue in New Orleans, LA. Gulf South's scope includes drilling six undisturbed soil borings (depths of 6, 60, and 80 feet below the ground surface), laboratory testing, engineering analyses and general construction procedures and recommendations. The project also included performing four infiltration tests. (\$13,500 (fee); 2021)

Urban Air Building – Bass Pro Boulevard, Denham Springs, Livingston Parish, LA. Geotechnical investigation for a new single-story commercial building (approx. 30,000 sq ft.) with adjacent paved driveway and parking areas off Bass Pro Blvd. in Denham Springs, LA. Gulf South's scope includes drilling 11 undisturbed soil borings to a depth of 30 feet (3 for pond areas), 24 feet (5 for building), and 8 feet (3 for paved areas), laboratory testing, and engineering analyses including allowable soil bearing values, allowable shaft load capacities (as appropriate), estimates of settlement, pond borrow/fill recommendations, rigid and/or flexible pavement design recommendations, and general construction procedures and recommendations. (\$12,500 (fee); 2018)

River Pointe Townhouses, LA Hwy 44 & LA Hwy 941, Ascension Parish, LA. Geotechnical investigation for a new residential apartment complex located at the intersection of LA Hwy. 44 and LA Hwy. 941 in Ascension Parish, LA. the complex will consist of 20 apartment buildings and 2 miscellaneous office/maintenance structures. Gulf South's scope of work includes drilling 22 soil borings each to a depth of 20 feet, laboratory testing, and geotechnical engineering services consisting of providing allowable soil bearing values, allowable shaft load capacities, estimates of settlement, rigid and flexible pavement recommendations, and general construction recommendations. (\$16,500 (fee); 2014)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Blake E. Vutera, P.E.
Engineering Manager

Project Assignment:

Geotechnical Engineer

Name of Firm with which associated:



Years experience with this Firm:

10 years with this firm (2012); 16 years total (2006)

Education: Degree(s)/Year/Specialization:

M.S., 2018, Civil Engineering, University of New Orleans
Certification - Coastal Engineering, 2018, University of New Orleans
B.S., 2008, Civil Engineering, Louisiana State University

Active registration: Year first registered/discipline:

2013, Civil Engineer, Louisiana, No. 38607
2018, Professional Engineer, Texas No. 129410

Other experience and qualifications relevant to the proposed Project:

Blake E. Vutera, P.E., serves as Gulf South's Engineering Manager and is based in Gulf South's Kenner, LA office. His experience with the firm includes daily work on geotechnical engineering projects, managing all geotechnical investigations, and aiding with laboratory testing and construction materials testing & inspection. Engineering analyses routinely performed includes shallow and deep foundations, slope stability analyses, settlement estimates, and pavement design. He is responsible for engineering design, report preparation, proposal preparation, personnel management, project management, and client interaction.

Mr. Vutera's field work consists of borehole logging; installation of ground water monitoring wells, piezometers, and inclinometers; overseen and evaluated pile load tests; overseen, performed, and evaluated dynamic pile testing (PDA and PIT); pavement coring; nuclear field density tests; and hand augers. Mr. Vutera has been the geotechnical engineer of record for hundreds of projects throughout his career.

Harvey Volunteer Fire Department New Truck Maintenance Facility (Rochelle Avenue), Harvey, Jefferson Parish, LA. Gulf South provided geotechnical engineering services for the construction of a new truck maintenance facility for the Harvey Volunteer Fire Department on Rochelle Avenue in Harvey, LA. The scope of services includes drilling six undisturbed soil borings (depths of 60 feet and 6 feet below ground surface), laboratory testing, engineering analyses (foundation, paving, fill, and surcharge recommendations) and general construction procedures and recommendations. (\$9,500 (fee); 2021)

TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

Blake E. Vutera, P.E. (continued)

Treasure Chest Casino, Kenner, Jefferson Parish, LA. Geotechnical engineering services for the construction of a casino facility (Treasure Chest) in Kenner, LA. Gulf South's scope includes drilling 20 undisturbed soil borings to depths of 8, 60, 80 & 100 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$53,760 (fee); 2020)

New Building and Pavements (SE Freight Lines Facility), Destrehan, St. Charles Parish, LA. Geotechnical engineering services for the construction of a new freight truck facility in Destrehan, LA. Gulf South's scope includes drilling 16 undisturbed soil borings (three at 80 ft, three at 60 ft, and 10 at 6 ft below the ground surface), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$30,000 (fee); 2020)


River Pointe Townhouses, LA Hwy 44 & LA Hwy 941, Ascension Parish, LA. Geotechnical investigation for a new residential apartment complex located at the intersection of LA Hwy. 44 and LA Hwy. 941 in Ascension Parish, LA. the complex will consist of 20 apartment buildings and 2 miscellaneous office/maintenance structures. Gulf South's scope of work includes drilling 22 soil borings each to a depth of 20 feet, laboratory testing, and geotechnical engineering services consisting of providing allowable soil bearing values, allowable shaft load capacities, estimates of settlement, rigid and flexible pavement recommendations, and general construction recommendations. (\$16,500 (fee); 2014)

New Nursing & Allied Health Building, Delgado Community College, New Orleans, LA. Geotechnical engineering services for the construction of a new building at the northeast corner of City Park Avenue and Orleans Avenue in New Orleans, LA. Gulf South's scope includes drilling six undisturbed soil borings (depths of 6, 60, and 80 feet below the ground surface), laboratory testing, engineering analyses and general construction procedures and recommendations. The project also included performing four infiltration tests. (\$13,500 (fee); 2021)

Urban Air Building – Bass Pro Boulevard, Denham Springs, Livingston Parish, LA. Geotechnical investigation for a new single-story commercial building (approx. 30,000 sq ft.) with adjacent paved driveway and parking areas off Bass Pro Blvd. in Denham Springs, LA. Gulf South's scope includes drilling 11 undisturbed soil borings to a depth of 30 feet (3 for pond areas), 24 feet (5 for building), and 8 feet (3 for paved areas), laboratory testing, and engineering analyses including allowable soil bearing values, allowable shaft load capacities (as appropriate), estimates of settlement, pond borrow/fill recommendations, rigid and/or flexible pavement design recommendations, and general construction procedures and recommendations. (\$12,500 (fee); 2018)

Starlight Studio Phase II Expansion Buildings, New Orleans, LA. Geotechnical investigation for construction of three new buildings, paved areas, and drainage/utility improvements at 4227 Poche Courty West in New Orleans, LA. Gulf South's scope includes drilling seven undisturbed soil borings (3 at 80 ft.; 4 at 10 ft.), lab testing, and engineering analyses including allowable soil bearing values, allowable pile load capacities, estimates of settlement, pavement design recommendations, pond/borrow fill recommendations, estimated capability of pond area to hold water and lining recommendations, and general construction recommendations. (\$10,000 (fee); 2019)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Joseph H. “Trey” Binder, III Laboratory Manager	
Project Assignment:	
Laboratory Manager; Laboratory Technician	
Name of Firm with which associated:	
<div style="display: flex; align-items: center;">  <div> ENGINEERING AND TESTING, INC. <small>Geotechnical & Materials Consultants</small> </div> </div>	
Years experience with this Firm:	
11 years with this firm (2011); 16 years total (2006)	
Education: Degree(s)/Year/Specialization:	
A.D., 2011, General Studies, Nunez Community College	
Active registration: Year first registered/discipline:	
N/A	
Other experience and qualifications relevant to the proposed Project:	
<div style="display: flex;"> <div style="flex: 1;"> <p>Trey Binder has direct experience with field and laboratory testing services. Mr. Binder’s field work includes soil inspection and testing consisting of nuclear density testing and soil boring logging, vibration monitoring, pile inspection, concrete testing and inspection, asphalt testing and inspection, and pavement coring. In the laboratory, Mr. Binder has performed soil laboratory testing consisting of unconfined compression strength tests, triaxial strength tests, Atterberg limits, organic content tests, moisture and density tests, Proctor compaction tests, sieve analyses, and sample extrusion.</p> </div> <div style="flex: 1; border: 1px solid black; padding: 5px; margin-left: 10px;"> <ul style="list-style-type: none"> HAZMAT Awareness HAZMAT Operations Training ACI Aggregate Base Testing Technician ACI Concrete Strength Testing Technician </div> </div> <p>New Building and Pavements (SE Freight Lines Facility), Destrehan, St. Charles Parish, LA. Geotechnical engineering services for the construction of a new freight truck facility in Destrehan, LA. Gulf South’s scope includes drilling 16 undisturbed soil borings (three at 80 ft, three at 60 ft, and 10 at 6 ft below the ground surface), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$30,000 (fee); 2020)</p> <p>New North Terminal – Parking Garage, Louis Armstrong New Orleans International Airport, LA. Gulf South performed field & lab testing during construction of the Parking Garage for the new terminal project in Kenner, LA. Gulf South provided QA oversight of the contractor for the owner for this \$1.2B project which consists of the construction of a new terminal facility including a new 800,000 sf building, vehicle ramps, parking, etc. QA inspection consists of pile monitoring, concrete inspection and testing, earthwork testing and inspection, and steel inspection. (\$250,000 (fee); 2019)</p>	

TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

Joseph H. Binder, III (continued)

First Apostolic School, Lafayette, LA. Geotechnical investigation for gathering information for settlement/ movements of existing structures (auditorium and cafeteria) at the subject site after experiencing the 2016 summer floods. Gulf South's scope includes drilling twelve undisturbed soil borings (depths of 20 ft. , 10 ft., & 6 ft.) and providing engineering analyses including allowable soil bearing values, allowable shaft load capacities, estimate of settlement, commentary on potential reasons and repair solutions for building movements, and general construction recommendations. (\$17,500 (fee); 2018)

Chackbay Elementary School (LA Hwy 20), Chackbay, Lafourche Parish, LA. Geotechnical investigation for a new elementary school off LA Highway 20 in Chackbay, LA. Gulf South's scope includes drilling 11 soil borings to depths from 6 feet to 80 feet, laboratory testing (strength and classification), and geotechnical engineering analyses including allowable soil bearing values, allowable pile and/or shaft load capacities (as appropriate), estimates of settlement, rigid pavement design recommendations, and general construction procedures and recommendations. (\$17,000 (fee); 2017)

River Pointe Townhouses, LA Hwy 44 & LA Hwy 941, Ascension Parish, LA. Geotechnical investigation for a new residential apartment complex located at the intersection of LA Hwy. 44 and LA Hwy. 941 in Ascension Parish, LA. the complex will consist of 20 apartment buildings and 2 miscellaneous office/ maintenance structures. Gulf South's scope of work includes drilling 22 soil borings each to a depth of 20 feet, laboratory testing, and geotechnical engineering services consisting of providing allowable soil bearing values, allowable shaft load capacities, estimates of settlement, rigid and flexible pavement recommendations, and general construction recommendations. (\$16,500 (fee); 2014)

Urban Air Building – Bass Pro Boulevard, Denham Springs, Livingston Parish, LA. Geotechnical investigation for a new single-story commercial building (approx. 30,000 sq ft.) with adjacent paved driveway and parking areas off Bass Pro Blvd. in Denham Springs, LA. Gulf South's scope includes drilling 11 undisturbed soil borings to a depth of 30 feet (3 for pond areas), 24 feet (5 for building), and 8 feet (3 for paved areas), laboratory testing, and engineering analyses including allowable soil bearing values, allowable shaft load capacities (as appropriate), estimates of settlement, pond borrow/ fill recommendations, rigid and/or flexible pavement design recommendations, and general construction procedures and recommendations. (\$12,500 (fee); 2018)

Edward A. Dufresne Community Center - New Walkway and Light Poles, Luling, St. Charles Parish, LA. Geotechnical engineering services for the construction of a new walkway and light poles at 274 Judge Edward Dufresne Parkway in Luling, LA. Scope includes drilling two undisturbed soil borings each to a depth of 60 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$7,800 (fee); 2021)

Mid City Apartments (Phase I), New Orleans, LA. Gulf South performed field and laboratory testing services during the construction of multiple apartment buildings, including paving & roadways, located at 3601 Conti Street in New Orleans. Scope of services consisted of vibration monitoring, timber pile inspection at the plant and during driving, earthwork testing & inspection, concrete testing & inspection, steel inspection, welding inspection, and mold remediation. Construction layout surveying services were executed as part of Phase II of the project. The project is valued at \$15 million. (\$200,000 (fee); 2019)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Sara E. Lockwood, E.I.
Associate Geotechnical Engineer

Project Assignment:

Associate Geotechnical Engineer/Engineering Intern

Name of Firm with which associated:



Years experience with this Firm:

3 years with this firm (2019); 5 years total (2017)

Education: Degree(s)/Year/Specialization:

B.S., 2019, Civil Engineering, University of New Orleans
B.S., 2016, Physics, Loyola University

Active registration: Year first registered/discipline:

2020, Engineering Intern, Louisiana, No. EI.0034718

Other experience and qualifications relevant to the proposed Project:

Sara E. Lockwood, E.I., is serving as an Associate Geotechnical Engineer, providing such duties as project management, geotechnical engineering analyses, and field & laboratory testing & inspection. Her coursework included such disciplines as foundation engineering, soil mechanics, geotechnical engineering, structural concrete & structural steel design, and sustainability principals. She worked as an intern during her college career for a local consulting group, assisting on a variety of environmental studies for infrastructure projects, and preparing regulatory permit applications, as well as preparation of various components of Louisiana DEQ and NEPA documents.

- Society of Women Engineers
- American Society of Civil Engineers

Treasure Chest Casino, Kenner, Jefferson Parish, LA. Geotechnical engineering services for the construction of a casino facility (Treasure Chest) in Kenner, LA. Gulf South's scope includes drilling 20 undisturbed soil borings to depths of 8, 60, 80 & 100 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$53,760 (fee); 2020)

New Building and Pavements (SE Freight Lines Facility), Destrehan, St. Charles Parish, LA. Geotechnical engineering services for the construction of a new freight truck facility in Destrehan, LA. Gulf South's scope includes drilling 16 undisturbed soil borings (three at 80 ft, three at 60 ft, and 10 at 6 ft below the ground surface), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$30,000 (fee); 2020)

TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

Sarah E. Lockwood (continued)

New Building and Paved Areas, Jefferson Parish Transit Facility, Jefferson Parish, LA. Geotechnical engineering services for the construction of a new building located at 118 David Drive in Kenner, LA. Gulf South's scope includes drilling four undisturbed soil borings (depths of 60 and 10 feet below the ground surface), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$8,900 (fee); 2020)

Harvey Volunteer Fire Department New Truck Maintenance Facility (Rochelle Avenue), Harvey, Jefferson Parish, LA. Gulf South provided geotechnical engineering services for the construction of a new truck maintenance facility for the Harvey Volunteer Fire Department on Rochelle Avenue in Harvey, LA. The scope of services includes drilling six undisturbed soil borings (depths of 60 feet and 6 feet below ground surface), laboratory testing, engineering analyses (foundation, paving, fill, and surcharge recommendations) and general construction procedures and recommendations. (\$9,500 (fee); 2021)

New Building and Parking Lot, East Bank Juvenile Services, Jefferson Parish, LA. The project consists of construction of a new two-story building and parking lot at the project site located at the corner of Airline Drive and David Drive. Scope included drilling a total of six undisturbed soil borings (four at 8 ft and two at 80 ft) and performing laboratory testing and geotechnical engineering analyses. This included allowable pile load capacities, estimates of settlement, flexible and rigid paving design recommendations, seismic class determination, and general construction procedures and recommendations. (\$14,500 (fee); ongoing)


New Nursing & Allied Health Building, Delgado Community College, New Orleans, LA. Geotechnical engineering services for the construction of a new building at the northeast corner of City Park Avenue and Orleans Avenue. Scope includes drilling six undisturbed soil borings (depths of 6, 60, and 80 feet below the ground surface), laboratory testing, engineering analyses and general construction procedures and recommendations. The project also included performing four infiltration tests. (\$13,500 (fee); 2021)

New Buildings and Paved Area, Louisiana Medal of Honor Park, Belle Chasse, Plaquemines Parish, LA. Geotechnical engineering services for the construction of new buildings and paved areas at the Medal of Honor Park off Barriere Road in Belle Chasse, LA. Gulf South's scope includes drilling five undisturbed soil borings to depths of 50 and 10 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$10,300 (fee); 2021)

New Sidewalks and Drainage (LA SAFE Project), LaPlace, St. John the Baptist Parish, LA. Geotechnical engineering services as part of the LA SAFE program consisted of new sidewalks and drainage along Airline Highway and Main Street in LaPlace, LA. Gulf South's scope includes drilling 12 undisturbed soil borings to depths of 10 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$12,000 (fee); 2020)

Charity Hospital Building Redevelopment Project, New Orleans, LA. Gulf South provided all construction materials and environmental testing for the project, which involved the complete renovation of the Charity Hospital Building (more than 1 million sf) in New Orleans, Louisiana. Inspection and testing consisted of soil borings, laboratory testing, asbestos abatement, concrete testing, mortar testing, steel coupon testing, concrete coring, and building envelope testing. The project is valued at \$500 million. (\$200,000 (est. fee); ongoing)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
<p>Bryson S. Beard, E.I. Associate Geotechnical Engineer/Field Engineer</p>	
Project Assignment:	
Associate Geotechnical Engineer/Field Engineer	
Name of Firm with which associated:	
<div style="display: flex; align-items: center;">  <div> <p>ENGINEERING AND TESTING, INC. Geotechnical & Materials Consultants</p> </div> </div>	
Years experience with this Firm:	
less than 1 year with this firm (2022); 1 year total (2021)	
Education: Degree(s)/Year/Specialization:	
B.S., 2021, Geological Engineering, University of Southern Mississippi	
Active registration: Year first registered/discipline:	
2022, Engineer In Training (Georgia, No. EIT029180) <i>Louisiana License In Process</i>	
Other experience and qualifications relevant to the proposed Project:	
<div style="display: flex;"> <div style="flex: 1;"> <p>Bryson S. Beard, E.I., is an Associate Geotechnical Engineer/Field Engineer who is primarily serving as a field engineer with Gulf South's drilling crews and providing office support as needed. His experience in the field includes surface and subsurface soil sampling, water sampling, and soil classification. Mr. Beard's work experience further includes core logging and oversight of groundwater monitoring well installations, piezometers, and inclinometers. He has been responsible for the preparation of reports and Facility Response Plans. Further, he is a START V Region 4 Responder, and can be used whenever there is a large spill/release of harmful chemical or substance. Mr. Beard is experienced with laboratory sample preparation and testing.</p> <p>Roosevelt Boulevard Roadway Pavement Improvements (West Metairie Ave. to West Napoleon Ave.), City of Kenner, Jefferson Parish, LA. Geotechnical engineering services for paved roadway improvements for Roosevelt Boulevard between West Metairie Avenue and West Napoleon Avenue in Kenner, LA. Gulf South's scope of services includes drilling 14 borings (depths of 10 feet below pavement surface), laboratory testing, engineering analyses (including pavement design) and general construction procedures and recommendations. (\$14,000 (fee); ongoing)</p> </div> <div style="flex: 0.5; border: 1px solid black; padding: 5px; margin-left: 10px;"> <ul style="list-style-type: none"> 40-hour HAZWOPER (Field Work) Fundamentals of Engineering Exam (FE), NCEES </div> </div>	

TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

Bryson S. Beard, E.I. (continued)

General Cargo Dock (GCD) Hardstands Project & Railroad Spur Extension - Geotechnical Services, Caddo-Bossier Parishes Port Commission, Shreveport, LA. The project consists of the construction of concrete pavement areas for storing products at three locations (i.e., Hardstands 1A, 1B, and 1C) at the Port of Caddo-Bossier facility in Shreveport, LA. Gulf South's full task assignment is to provide geotechnical engineering, surveying and civil engineering design. The scope of work included drilling a total of nine undisturbed soil borings each to a depth of 10 feet below the ground surface and performing laboratory testing and geotechnical engineering analyses, including providing: allowable soil bearing values, estimates of settlement, rigid paving design recommendations, and general construction procedures and recommendations. (\$230,000 (fee); ongoing)

Barber Road Bank Stabilization, Paradis, St. Charles Parish, LA. Geotechnical engineering services for portions of the road that have failed or are failing into the ditch along Barber Road in Paradis, LA. Gulf South's scope includes drilling five borings (depth of 40 feet below ground surface), laboratory testing, engineering analyses (slope stability analyses, pavement design) and general construction procedures and recommendations. (\$12,000 (fee); ongoing)

Lift Station No. F6-2 (W. Napoleon Blvd.), Metairie, Jefferson Parish, LA. Gulf South provided geotechnical engineering services for upgrading an existing below grade sewer lift station (No. F6-2) off West Napoleon Boulevard in Metairie, LA. Gulf South's scope includes drilling a single boring to a depth of 60 feet below the ground surface, laboratory testing, engineering analyses (soil bearing values, bedding & backfill, pile capacities, and estimates of settlement) and general construction procedures and recommendations. (\$5,000 (fee); 2022)

Lift Station Rehabilitation (Wildcat Lane), Destrehan, St. Charles Parish, LA. Geotechnical engineering services for rehabilitation of an existing below grade sewer lift station off Wildcat Lane in Destrehan, LA. Gulf South's scope includes drilling a single boring to a depth of 70 feet below the ground surface, laboratory testing, engineering analyses (soil bearing values, pile capacities, bedding & backfill, and estimates of settlement) and general construction procedures and recommendations. (\$5,800 (fee); ongoing)

Lift Station Upgrade (24th St. and Delaware Ave.), City of Kenner, LA. Geotechnical engineering services for construction of a new generator pad and wet well located at 24th Street and Delaware Avenue in Kenner, LA. Gulf South's scope of services includes drilling two borings to a depths of 70 feet (1 boring for wet well) and 50 feet (1 boring for generator pad) below the ground surface, laboratory testing, engineering analyses (soil bearing values, pile capacities, bedding & backfill, and estimates of settlement) and general construction procedures and recommendations. (\$7,500 (fee); ongoing)

Lee Street Drainage Pump Station Improvements, City of Slidell, LA. Gulf South prepared a Geotechnical Exploration Report for the project site located at the junction of Lee Street and Front Street in Slidell, LA. Gulf South's scope includes drilling soil borings to 50 ft. in depth, laboratory testing, engineering analyses (soil bearing values, bedding & backfill, pile capacities, and estimates of settlement) and general construction procedures and recommendations. (\$4,000 (fee); 2022)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Jermaine George
Senior Soil Boring Driller

Project Assignment:

Senior Soil Boring Driller

Name of Firm with which associated:



ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants

Years experience with this Firm:

less than 1 year with this firm (2022); 22 years total (2000)

Education: Degree(s)/Year/Specialization:

High School Diploma

Active registration: Year first registered/discipline:

Other experience and qualifications relevant to the proposed Project:

Jermaine George serves as a Senior Driller for Gulf South Engineering and Testing, providing drilling services on a variety of projects. He has 15 years of field experience, setting up, operating, and tending drilling machines to drill, bore, and ream, at project locations throughout Louisiana, Alabama, and Florida. Mr. George has drilled thousands of soil borings and installed monitor wells, piezometers, and inclinometers. He has operated various types of drilling equipment (truck, track, ATV, buggy, rotary wash, hollow stem, etc.) in many different environments. In addition, he has performed soil borings over water on a barge and using barge drilling equipment. Mr. George is very familiar with the soils of Louisiana.

Roosevelt Boulevard Roadway Pavement Improvements (West Metairie Ave. to West Napoleon Ave.), City of Kenner, Jefferson Parish, LA. Geotechnical engineering services for paved roadway improvements for Roosevelt Boulevard between West Metairie Avenue and West Napoleon Avenue in Kenner, LA. Gulf South's scope of services includes drilling 14 borings (depths of 10 feet below pavement surface), laboratory testing, engineering analyses (including pavement design) and general construction procedures and recommendations. (\$14,000 (fee); ongoing)

Barber Road Bank Stabilization, Paradis, St. Charles Parish, LA. Geotechnical engineering services for portions of the road that have failed or are failing into the ditch along Barber Road in Paradis, LA. Gulf South's scope includes drilling five borings (depth of 40 feet below ground surface), laboratory testing, engineering analyses (slope stability analyses, pavement design) and general construction procedures and recommendations. (\$12,000 (fee); ongoing)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Mike McKnight

Soil Boring Driller Apprentice

Project Assignment:

Soil Boring Driller Apprentice

Name of Firm with which associated:



ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants

Years experience with this Firm:

less than 1 year with this firm (2022); 14 years total (2008)

Education: Degree(s)/Year/Specialization:

Coursework, 2020, Tank Barge Dangerous Liquids, Delgado

Coursework, 2020, Basic Fire Fighting, Delgado

Coursework, 2018, Electrical Services, Delgado

Active registration: Year first registered/discipline:

Other experience and qualifications relevant to the proposed Project:

Mike McKnight is a Soil Boring Driller Apprentice with Gulf South Engineering and Testing, providing drilling support services. He has experience with various types of drilling rigs (truck, track, buggy, rotary wash, etc.) in many different environments. Mr. McKnight has previous experience serving as a Meter Technician, providing installation, maintenance, and investigation of gas metering. He has also served as a deckhand for the LabMar Ferry, both in standard duties and in providing support to the vessel's engineer with engine room duties and discharging of hazardous cargo. Mr. McKnight is a veteran of the United States Navy, having served as a Deckhand, Boatswain's Mate, and Quartermaster from 2004 to 2008.

- Electrical Level 1 and 2, since 2018
- Tank Barge Dangerous Liquids, since 2018
- CDL A Permit, since 2018
- OSHA
- TWIC

General Cargo Dock (GCD) Hardstands Project & Railroad Spur Extension - Geotechnical Services, Caddo-Bossier Parishes Port Commission, Shreveport, LA. The project consists of the construction of concrete pavement areas for storing products at three locations at the Port of Caddo-Bossier facility in Shreveport, LA. The full task assignment is to provide geotechnical engineering, surveying and civil engineering design. The scope of work included drilling a total of nine undisturbed soil borings each to a depth of 10 feet below the ground surface and performing laboratory testing and geotechnical engineering analyses, including providing: allowable soil bearing values, estimates of settlement, rigid paving design recommendations, and general construction procedures and recommendations. (\$230,000 (fee); ongoing)

TEC Professional Services Questionnaire

L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.

PROJECT NO. 1

Project Name, Location, and Owner's Contact Information:		Nature of Firm's Responsibility:	
Training Facility - New Airnasium and Paved Areas, Jefferson Parish Fire Dept., Bridge City, Jefferson Parish, Louisiana Jefferson Parish Fire Department c/o Meyer Engineering Ltd. 4937 Hearst Street Suite B Metairie LA 70001 Donovan Duffy, P.E., 504-885-9892 dduffy@meyer-e-l.com		Geotechnical engineering services for the construction of a new fire station training facility consisting of an airnasium (open-air pavilion) structure and heavy duty pavement in Bridge City, LA. Gulf South's scope includes drilling three undisturbed soil borings (b.g.s.; one at 50 ft., two at 6 ft.), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$6,000 (fee); 2020)	
Completion Date (Actual or estimated):		Estimated Cost:	
		Entire Project:	Work for which Firm was Responsible:
2020		N/A	\$6,000 (fee)

PROJECT NO. 2

Project Name, Location, and Owner's Contact Information:		Nature of Firm's Responsibility:	
Treasure Chest Casino, Kenner, Jefferson Parish, Louisiana Boyd Gaming Corporation 6465 S. Rainbow Boulevard Las Vegas NV 89118 Melissa Kindhart, 702-696-1111 melissakindhart@boydgaming.com		Geotechnical engineering services for the construction of a casino facility (Treasure Chest) in Kenner, LA. Gulf South's scope includes drilling 20 undisturbed soil borings to depths of 8, 60, 80 & 100 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations.	
Completion Date (Actual or estimated):		Estimated Cost:	
		Entire Project:	Work for which Firm was Responsible:
2020		N/A	\$53,760 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
New Library Building (US90 & Avondale Garden Rd), Avondale, Jefferson Parish, Louisiana Jefferson Parish c/o N-Y Associates, Inc. 2750 Lake Villa Drive Metairie LA 70002 Michael G. Buisson, Jr., AIA, NCARB, LEED AP 504-885-0500 mbuisson@n-yassociates.com	Geotechnical engineering services for the construction of a new public building at the northwest corner land parcels (Square 6, Lots No, 1 through 5) at the intersection of US Highway 90 and Avondale Garden Road in Avondale, LA. Gulf South's scope includes drilling three undisturbed soil borings (depths of 60 and 6 feet below the ground surface), laboratory testing, engineering analyses and general construction procedures and recommendations.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020	N/A	\$4,100 (fee)

PROJECT NO. 4		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
New Building and Parking Lot, East Bank Juvenile Services, Jefferson Parish, Louisiana Sizeler Thompson Brown Architects 300 Lafayette Street, Suite 200 New Orleans LA 70130 Thomas M. Brown, AIA, 504-523-6472 tbrown@sizeler.com	The project consists of construction of a new two-story building and parking lot at the project site located at the corner of Airline Drive and David Drive. Gulf South's scope of work included drilling a total of six undisturbed soil borings (four at 8 ft and two at 80 ft) and performing laboratory testing and geotechnical engineering analyses. This included allowable pile load capacities, estimates of settlement, flexible and rigid paving design recommendations, seismic class determination, and general construction procedures and recommendations.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022	N/A	\$14,500 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
Harvey Volunteer Fire Department New Truck Maintenance Facility (Rochelle Ave), Harvey, Jefferson Parish, Louisiana N-Y Associates, Inc. 2750 Lake Villa Drive Metairie LA 70002 Michael G. Buisson, Jr., AIA, NCARB, LEED AP 504-885-0500 mbuisson@n-yassociates.com	Gulf South provided geotechnical engineering services for the construction of a new truck maintenance facility for the Harvey Volunteer Fire Department on Rochelle Avenue in Harvey, LA. The scope of services includes drilling six undisturbed soil borings (depths of 60 feet and 6 feet below ground surface), laboratory testing, engineering analyses (foundation, paving, fill, and surcharge recommendations) and general construction procedures and recommendations.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021	N/A	\$9,500 (fee)

PROJECT NO. 6		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
New Building and Paved Areas, Jefferson Parish Transit Facility, Jefferson Parish, Louisiana Burgdahl & Graves Architects 2550 Belle Chasse Hwy, Suite 130 Gretna LA 70053 Russell I. Burgdahl, 504-366-4433 rburgdahl@burgdahlgraves.com	Geotechnical engineering services for the construction of a new building located at 118 David Drive in Kenner, LA. Gulf South's scope includes drilling four undisturbed soil borings (depths of 60 and 10 feet below the ground surface), laboratory testing, engineering analyses and general construction procedures and recommendations.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020	N/A	\$8,900 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p>New Charter School – Behrman Highway, Terrytown, Jefferson Parish, Louisiana</p> <p>The Charter School Fund, LLC 418 S. 9th Street Boise ID 83702</p> <p>Adam Zaragoza, 208-908-5647 azaragoza@athlosacademies.org</p>	<p>Geotechnical investigation for construction of a new Charter School along Behrman Highway in Terrytown, LA. Gulf South's scope includes drilling 13 soil borings to depths of 100 feet (2 borings for structure), 80 feet (2 borings; 1 structure & 1 canal stability analysis), 60 feet (2 borings for structure), 10 feet (7 borings for paved areas), lab testing (strength and classification), and geotechnical engineering analysis including allowable soil bearing values, allowable pile load capacities, estimates of settlement, slope stability analyses, rigid and/or flexible pavement design recommendations, and general construction recommendations.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2017	N/A	\$20,000 (fee)

PROJECT NO. 8		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p>Clancy-Maggiore Elementary School – New Art and Band Wing, Kenner, Jefferson Parish, Louisiana</p> <p>Jefferson Parish School Board c/o Meyer Engineers, Ltd. 4937 Hearst Street, Suite 1B Metairie LA 70001</p> <p>Mark A. Schutt, P.E., 504-885-9892 mschutt@meyer-e-l.com</p>	<p>Geotechnical investigation for a new art and band building (10,000 sf) in Kenner, LA. Gulf South's scope includes drilling two soil borings to depths of 60 feet and 40 feet, lab testing, and engineering analyses including allowable soil bearing values, allowable pile load capacities, estimate of settlement, and general construction procedures and recommendations.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2016	N/A	\$6,000 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
Jefferson Parish Fire Fleet Maintenance Facility - New Paved Areas , Jefferson Parish, Louisiana Linfield Hunter & Junius 18th Street, Suite 200 Metairie LA 70002 Benjamin Chadwick, AIA , 504-833-5300 bchadwick@lhjunius.com	Geotechnical engineering services for the construction of new paved areas for fire trucks at the Jefferson Parish Fleet Maintenance facility at 4901 Jefferson Highway in Jefferson, LA. Gulf South's scope includes drilling four undisturbed soil borings (b.g.s.; four at 8 ft.), laboratory testing, engineering analyses and general construction procedures and recommendations.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019	N/A	\$2,800 (fee)

PROJECT NO. 10		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
New Gymnasium Building Addition – Lamar Dixon Expo Center , Gonzales, Ascension Parish, Louisiana Meyer Engineers, Ltd. 4937 Hearst Street, Suite 1B Metairie LA 70001 Jitendra Shah, P.E. , 504-885-9892 jshah@meyer-e-l.com	Geotechnical engineering services for the construction of a new building addition and new associated paved areas (north and east side of addition) at the subject site. Gulf South's scope includes drilling soil borings (one at 50 ft., one at 20 ft., two at 6 ft.), laboratory testing, engineering analyses (including allowable soil bearing values, allowable shaft/pile load capacities, estimate of settlement), rigid and/or flexible pavement design recommendations, and general construction procedures & recommendations.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019	N/A	\$6,500 (fee)

TEC Professional Services Questionnaire

M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. N/A		
2.		
3.		
4.		

N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.



CRITERIA 1 • PROFESSIONAL TRAINING AND RELATED EXPERIENCE

Gulf South Engineering and Testing, Inc. (Gulf South) is a geotechnical engineering and construction materials testing and inspection company which began operations in 2011. Since that time, we have grown to two offices and over two dozen employees. Gulf South provides a broad range of geotechnical related services, completing more than 100 geotechnical engineering projects and 300 construction materials testing and inspection projects each year. These projects typically include soil borings (shallow and deep borings), laboratory testing (AASHTO, ASTM methods, etc.), soil classification (USCS), geotechnical engineering, and construction material testing and field inspection.

Gulf South is a woman-owned, Hudson Initiative-certified & Regional Transit Authority-recognized small business in Louisiana. Our laboratory is AASHTO and CCRL certified and USACE validated.

TEC Professional Services Questionnaire

N. continued.

Geotechnical Engineering Services

Gulf South's ownership and senior management have decades of combined experience in the profession and have completed thousands of projects. One of Gulf South's Principals, Chad M. Poché, P.E., a founding principal and Professional Engineer registered in Civil Engineering in Louisiana and Mississippi, has specific and extensive training & experience in geotechnical engineering. He has three decades of experience in planning, administering, and conducting geotechnical investigations.

The firm has specific engineering experience and training in Geotechnical Engineering, Foundation Design, and Geology & Geohydrology; our staff has extensive experience in all aspects of soil mechanics and geotechnical engineering with specific knowledge in the following areas:

- *Shallow and deep foundations (piles, shafts, augercast, screw/anchor piles)*
- *Deep excavations, cofferdams, retaining walls*
- *Levees and soft ground construction; slope stability & seepage*
- *Earthwork; settlement analyses*
- *Shoreline protection*
- *Scour analyses*
- *LRFD Design*
- *Mechanically Stabilized Earth (MSE) Walls*
- *Development of load test programs*
- *Geotechnical instrumentation and construction monitoring*
- *Canals and pump station foundations*
- *Pipe bedding and backfill*
- *Roadways, bridges, pavements*

Field Investigation Services

Gulf South owns truck mounted (ARDCO C-1000) and track mounted (ARDCO SD 350) drilling rigs with associated and appurtenant support equipment (water trucks and buggy). Our equipment and crews are capable of drilling soil borings to depths of up to 300 feet and installing monitor wells, piezometers, and inclinometers. We can also perform CPT soundings, geoprobe borings, and field testing at any site. Our staff has extensive experience in planning, oversight, and direction of field investigations.

Laboratory Testing Services

Gulf South's laboratory is equipped to serve the specific needs of our clients and managed by trained and experienced personnel. All testing is performed in accordance with ASTM, AASHTO, and/or other approved procedures. Gulf South routinely performs soil and concrete strength testing (unconfined and triaxial), soil classification tests (Atterberg limits, moisture content, density, particle size), soil and aggregate sieves, organic content, pH, soil resistivity, and moisture/density relationships (Proctor tests). Gulf South's laboratories are managed by full time, experienced, managers and staff.

Gulf South's Kenner laboratory is AASHTO and CCRL certified and USACE validated.

Construction Materials Testing & Inspection

Gulf South provides a full range of construction materials testing and inspection services for structures, earthwork, foundations, pipelines, and pavements. The range of services provided by the Gulf South team includes:

- *Fill and base compaction and density testing*
- *Vibration monitoring*
- *Pre- and post-construction inspection*
- *Concrete testing and inspection*

TEC Professional Services Questionnaire

N. continued.

- Soil testing (field and laboratory)
- Asphalt testing
- Pile (driven & augercast) and shaft installation monitoring
- Load tests
- Earthwork/proof roll inspection
- Welding inspection
- Steel inspection
- Noise monitoring

We have provided construction testing and oversight for projects as small as fill for a house pad to as **large as the \$1.2 billion Louis Armstrong New Orleans International Airport New Terminal** project.

CRITERIA 2 • SIZE OF FIRM

At well over two dozen employees, Gulf South has the appropriate number of employees and personnel for this project. We will complete our scope of services on time and within budget. Further said, Gulf South is able to readily meet the time and budget constraints for projects assigned to this contract. Our current work load is such that we can expeditiously complete projects for this contract.

CRITERIA 3 • CAPACITY FOR TIMELY COMPLETION OF NEWLY-ASSIGNED WORK

The Principals and key employees of Gulf South have many years of applicable experience in working for and with Government Agencies and private industry. Founding principal and Vice President of Gulf South, Chad M. Poché, P.E., has been a practicing registered geotechnical engineer in South Louisiana for since 1998. He has specialized training and experience in geotechnical engineering throughout Louisiana.

Gulf South's Engineering Manager, Blake E. Vutera, P.E., has over 14 years experience in geotechnical investigations and has provided engineering analysis, laboratory testing, construction materials testing and inspection. He has been the geotechnical engineer of record for hundreds of projects throughout his career

As evidenced in the provided projects & personnel résumés, key personnel past experience includes the completion of thousands of projects in the region throughout their careers for a broad range of clients, including both the government and private sectors. We are able to submit data in formats acceptable and customized to our clients' needs.

Further, Gulf South continues to expand its staff and mentor the next generation of geotechnical engineers and professionals. One of our newest employees, Sara E. Lockwood, is a recent UNO Civil Engineering graduate who is working with our seasoned professionals in the challenging field of geotechnical engineering in the State of Louisiana. She has already gained extensive experience working on projects since joining the firm in 2019 and will continue to expand her knowledge and skill set working with our firm.

CRITERIA 4 • PAST PERFORMANCE ON PARISH CONTRACTS

Gulf South has worked both directly and indirectly for various **Jefferson Parish Departments** (Public Works, Engineering Department, Drainage Department, Jefferson Parish School Board, etc.) throughout our history. This would include, **but not be limited to**, the following:

- Improvements to Sewer Lift Station No. 48-3, Metairie, Jefferson Parish, LA
- New Building and Parking Lot, East Bank Juvenile Services, Jefferson Parish, LA
- Metairie Lawn and Ridgelake Drive Roadway & Utility Project, Metairie, Jefferson Parish, LA
- N. Sibley Drainage Improvements (N. Sibley at W. Napoleon), Metairie, Jefferson Parish, LA
- Sewer Lift Station at Mississippi Avenue & 21st Street, Metairie, Jefferson Parish, LA
- Jefferson Parish Fire Department – Garage (River Road), Bridge City, Jefferson Parish, LA

TEC Professional Services Questionnaire

N. continued.

- Jefferson Parish Dept. of Public Works West Bank Central Warehouse, Bridge City, Jefferson Parish, LA
- New Charter School, Behrman Highway, Terrytown, Jefferson Parish, LA
- Jefferson Parish Library Renovations (2350 Metairie Road), Metairie, Jefferson Parish, LA
- Clancy-Maggiore Elementary School – New Art and Band Wing, Kenner, Jefferson Parish, LA
- Johnny Bright Playground Gymnasium HVAC Installation, Metairie, Jefferson Parish, LA
- Kennedy Heights Playground Gymnasium HVAC Renovation, Avondale, Jefferson Parish, LA
- Trudeau Drive at Canal No. 5 Drainage Improvements, Metairie, Jefferson Parish, LA
- Earhart Expressway (Clearview Parkway to Central Avenue) Lighting Improvements, Jefferson Parish, LA
- West Esplanade Avenue Restoration (Tartan Drive to Haring Road), Metairie, Jefferson Parish, LA
- Citrus Road and Greg Court Subsurface Drainage Improvements, Jefferson Parish, LA
- Improvements to Sewer Lift Station M-11-3 & Force Main, Marrero, Jefferson Parish, LA
- Westgate Drainage Improvements, Metairie, Jefferson Parish, LA
- Bike Path Soil Borings, Jefferson Highway to Northline Street, Jefferson Parish, LA
- Green Acres Road - New Street Lighting, Metairie, Jefferson Parish, LA
- New Lift Station (Elmwood Park Blvd. & Citrus Blvd.), Metairie, Jefferson Parish, LA
- New Sewer Lift Station (Butler Drive & Grambling Street), Waggaman, Jefferson Parish, LA
- Drainage Infrastructure Improvements, South Avondale Subdivision, Avondale, Jefferson Parish, LA
- Parish Line Drainage Pump Station Improvements - Phase I, City of Kenner, Jefferson Parish, LA
- Public Works West Bank Central Warehouse, Bridge City, Jefferson Parish, LA
- New Sewer Lift Station (Melrose Lane & Walker Road), River Ridge, Jefferson Parish, LA
- Drainage Improvements, Citrus Road & Greg Court, Metairie, Jefferson Parish, LA
- New Sewer Force Main Installation (Midway & Wildwood to Lift Station E3-1), Jefferson Parish, LA
- St. Peter's Ditch - Phase IV (Pump Station at Clearview), Metairie, Jefferson Parish, LA
- Waggaman Subsurface Drainage Improvements, Waggaman, Jefferson Parish, LA
- Lift Station Replacement - N. Pierce Avenue & Versailles Street, Metairie, Jefferson Parish, LA
- Marsh Island Restoration Project, Lafreniere Park, Metairie, Jefferson Parish, LA
- Lift Station Replacement - Mississippi Avenue at 21st Street, Metairie, Jefferson Parish, LA
- Kawanee at Olympic Lift Station, Metairie, Jefferson Parish, LA
- Clearview Parkway Drainage Project, Metairie, Jefferson Parish, LA
- Submerged Roads Program - Multiple Phases, Metairie, Jefferson Parish, LA
- St. Peter's Ditch (4700 W. Metairie Ave.), Metairie, Jefferson Parish, LA
- Engineering Analysis Review (EAR) - Lafitte Tidal Protection Project (Phase I), Lafitte, Jefferson Parish, LA
- David Drive Drainage Improvements (West Esplanade Avenue to Bruin Drive), Jefferson Parish, LA
- Marrero WWTP New Administration Building and Safe Room, Marrero, Jefferson Parish, LA
- New Sewer Lift Station, Mississippi Ave. and Fulton St., Metairie, Jefferson Parish, LA
- Trudeau Drive Drainage Improvements at West Metairie Canal, Metairie, Jefferson Parish, LA
- Canal Bank Stabilization, Wayne Avenue at West Bank Expressway, Jefferson Parish, LA

Beyond the projects included within this form, additional project information (including listings, background, & client contacts) are available upon request. We have also completed similar services for Public and Private concerns throughout the region.

CRITERIA 5 • LOCATION OF PRINCIPAL OFFICE

Gulf South is located in Jefferson Parish at 15 Veterans Memorial Boulevard in Kenner, Louisiana.

CRITERIA 6 • ADVERSARIAL LEGAL PROCEEDINGS WITH PARISH

See Item M; Gulf South has not been involved in litigation with Jefferson Parish.

TEC Professional Services Questionnaire

N. continued.

CRITERIA 7 • PRIOR SUCCESSFUL COMPLETION OF PROJECTS

The Principals and key employees of Gulf South have many years of applicable experience in working for and with Government Agencies and private industry. We are proud that a majority of its work is from repeat clients —we complete our projects on-time and within budget. **Multiple examples of this work are included throughout this form in both the Personnel Résumés section (Item K) and Representative Project Work (Item L).**

Gulf South invites you to contact any of our clients for a candid discussion of our service and professionalism, and offer these direct references:

Mark R. Drewes, P.E., Director, Jefferson Parish Public Works Department
(504-736-6783 | JPPW@jeffparish.net)

Neil Schneider, CCM, P.E., Director, Capital Projects, Jefferson Parish Public Works Department
(504-736-6783 | JPPW@jeffparish.net)

Joey Tureau, Director of Transportation, Ascension Parish
(225-450-1013 | jtureau@apgov.us)

Tom Schreiner, Deputy CAO, Public Works & Capital Projects, City of Kenner
(504-468-7515 | tschreiner@kenner.la.us)

Angela DeSoto, P.E., Director of Engineering, Jefferson Parish
(504-736-6511 | ADeSoto@jeffparish.net)

Sid Trouard, P.E., Program Manager, Sewerage Capital Improvement Program, Jefferson Parish
(504-736-6386 | STrouard@jeffparish.net)

O. To the best of my knowledge, the foregoing is an accurate statement of facts.

Signature: 

Print Name: Chad M. Poché, P.E.

Title: Vice President

Date: June 6, 2022

Section 3

BFM Corporation
TEC Professional Services
Questionnaire

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Architectural and Engineering Services for Architectural Type Projects
SOQ 22-026 | Resolution No. 139630

B. Firm Name & Address:



BFM
CORPORATION, LLC
Professional Land & Hydrographic Surveying

BFM Corporation, LLC

15 Veterans Memorial Boulevard
Kenner LA 70062

C. Name, title, & contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana:

Chad M. Poché, P.E., Executive Vice President

504-468-8800 • 504-460-5239 cell • cpoche@bfmcorporation.com

Registered Professional Civil Engineer, Louisiana No. 27667 (since 1998)

D. Name, title, & contact information of employee who is a registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline.

Ralph P. Fontcuberta, Jr., Executive Vice President • LA License No. 4329 (1974)

504-468-8800 • 504-451-7500 cell • ralph@bfmcorporation.com

Registered Professional Land Surveyor, Louisiana No. 4329 (since 1974)

E. Please provide the number of employees whose primary function corresponds with each category:

4	Administrative	-	Estimators	-	Specification Writers
-	Architects (Licensed)	-	Geologists	-	Structural Engineers
-	Chemical Engineers	1	Geotechnical Engineers	-	Graduate Engineers
-	Civil Engineers	-	Interior Designers	2*	Project Managers
-	Construction Inspectors	-	Landscape Architects	-	Clerical (<i>see Administrative</i>)
-	Ecologists	-	Land Surveyor (<i>see PLS</i>)	-	Grant/Funding Specialist
-	Electrical Engineers	-	Mechanical Engineers	-	Sanitary Engineers
-	Engineer Intern	-	Environmental Engineers	1	Principals
2	Professional Land Surveyors			1	Researcher/Archivist
				3	Drafting/AutoCADD
				5	Survey Crew Chiefs
				6	Instrument Men
				24	TOTAL

* Project Manager also noted in Professional Land Surveyor, but overall employee count is correct.

F. Is this submittal by a JOINT-VENTURE? Please check: YES _____ NO **X** _____

If marked "No", skip to Section I. If marked "yes", complete Sections G-H.

TEC Professional Services Questionnaire

G. If submittal is by a JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. please attach additional pages if necessary.

1. **N/A**

2.

H. Has this JOINT-VENTURE previously worked together? Please check:

YES _____ NO _____ **N/A**

I. List all subcontractors anticipated for this Project. Please note that all subcontractors must submit a fully completed copy of this questionnaire, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.

Name & Address:	Specialty:	Worked with Prime Before (Yes or No):
1. N/A		
2.		
3.		

J. Please specify the total number of support personnel that may assist in the completion of this Project:

24 (all personnel, primary and support, will be available on all assigned projects)

TEC Professional Services Questionnaire

K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e., résumé) that demonstrates the employment history of the Firm's key persons that may assist in the completion of this Project. Please attach additional pages if necessary.

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Ralph P. Fontcuberta, Jr., PLS
Executive Vice President

Project Assignment:

Registered Professional Land Surveyor

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years experience with this Firm:

40 years (Founding Principal of BFM in 1982); 55 years total (1967)

Education: Degree(s)/Year/Specialization:

Coursework, Building, Delgado College, New Orleans
Coursework, Math, University of New Orleans

Active registration: Year first registered/discipline:

1974, Professional Land Surveyor (Louisiana Lic. No. 4329)
1974, Professional Land Surveyor (Mississippi Lic. No. 1633)

Other experience and qualifications relevant to the proposed Project:

Ralph P. Fontcuberta, Jr., PLS has better than half a century of experience in the field of surveying and has been a registered Professional Land Surveyor (PLS) since 1974. He is thoroughly knowledgeable in all aspects of surveying: topographic, hydrographic, boundary, right-of-way surveying, and all facets thereof. He has provided surveying services for residential, plant, and industrial layout projects, ranging from small private lots & buildings to multi-million dollar programs, including the New Orleans FEMA Streets/Recovery Roads Program.

Since the beginning of his career, his work has entailed computations, drafting, and field work for various industrial, commercial, municipal, and private clients. Project work has included topographic surveying needed for a wide variety of engineering, architectural, and related endeavors.

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Other experience and qualifications relevant to the proposed Project:

Ralph P. Fontcuberta, Jr., PLS (continued)

Mr. Fontcuberta's **surveying experience with Jefferson Parish can be traced back to BFM's inception in 1982**, and before then while working as a surveyor with another firm. He has over half a century of experience with surveying throughout the region and specifically with Jefferson Parish. He has served as the PLS for projects throughout every corner of Jefferson Parish. Relevant project history includes, but is certainly not limited to, the following:

- *Proposed Lafreniere Food Pavilion, Lafreniere Park, Metairie, Jefferson Parish, LA*
- *Site Specific Topographic Surveys for Multiple School Locations, Jefferson Parish, LA*
- *Lafitte Arts Center, Jefferson Parish, LA*
- *Haynes Academy School, Metairie, Jefferson Parish, LA*
- *Parc Des Familles Visitor Center (Proposed Location Survey), Jefferson Parish, LA*
- *Clancy-Maggiore Elementary School for the Arts Survey, Kenner, Jefferson Parish, LA*
- *Construction Layout Surveying, Port of New Orleans Cold Storage Facility, Port of New Orleans, LA*
- *University of Holy Cross Simulation Center, New Orleans, Orleans Parish, LA*
- *Mid City Apartments Phase II, New Orleans, LA*
- *Himel Dance Conservatory, New Orleans, LA*
- *Dillard University ADA Improvements, New Orleans, LA*
- *A.B. Freeman School of Business, Tulane University, New Orleans, LA*
- *Parking Garage As-Built Survey, Louis Armstrong New Orleans International Airport, Kenner, LA*
- *Greater Works Community Center, New Orleans, LA*
- *Ernest N. Morial Convention Center Neighborhood Site Infrastructure, New Orleans, LA*
- *East Jefferson High School Courtyard Improvements, Metairie, Jefferson Parish, LA*
- *Lasalle Rest Room Building, Jefferson Parish, LA*
- *West Bank Regional Library, Harvey, Jefferson Parish, LA*
- *Lafreniere Park ADA (Multiple Sites), Metairie, Jefferson Parish, LA*
- *Parking Lot Stakeout at Airline Park Elementary School, Metairie, Jefferson Parish, LA*
- *Fire Department Garage/Fire Training Center, Jefferson Parish, LA*
- *Haynes Academy (Metairie Road), Metairie, Jefferson Parish, LA*
- *Stadium Renovations at East Jefferson High School, Jefferson Parish, LA*
- *Hampton Inn Suites, Harvey, Jefferson Parish, LA*
- *Hotel Resubdivision, Lake Villas Subdivision, Jefferson Parish, LA*
- *Treasure Chest Casino, Kenner, Jefferson Parish, LA*
- *YMCA (East Jefferson Center), Metairie, Jefferson Parish, LA*
- *Parking Garage Expansion, Gretna Government Campus, Gretna, Jefferson Parish, LA*
- *Rivarde Maintenance Facility, Jefferson Parish, LA*
- *Grand Isle Multiplex Center, Jefferson Parish, LA*
- *Louisiana State University Orleans Campus Project, New Orleans, LA*
- *Multiple Parking Lots, University of New Orleans – Lakefront Campus, LA*
- *LSU - Medical School Covered Access Walk, New Orleans, LA*
- *Valhalla West Apartments, Metairie, Jefferson Parish, LA*

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Chad M. Poché, P.E.
Executive Vice President

Project Assignment:

Engineering Liaison

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years experience with this Firm:

5 years (became partial owner of BFM in 2017); 29 years total (1993)

Education: Degree(s)/Year/Specialization:

M.S., 1998, Civil Engineering, University of New Orleans
B.S., 1993, Civil Engineering, Louisiana State University

Active registration: Year first registered/discipline:

Louisiana, Civil Engineer, No. 27667, 1998
Mississippi, Civil Engineer, No. 15405, 2002

Other experience and qualifications relevant to the proposed Project:

Mr. Poché is an Executive Vice President with (and partial owner of) BFM Corporation, LLC, and a co-founder of BFM's sister company, Gulf South Engineering and Testing, Inc. He has been a consulting geotechnical engineer for more than 20 years in South Louisiana, working on traditional and unique geotechnical engineering projects (shallow and deep foundation design, slope stability, pavement design, etc.). Mr. Poché has also provided construction oversight for waste facilities and virtually every type of earthwork related project. He has been the geotechnical engineer of record for thousands of projects throughout his career.

Mr. Poché's experience includes the development of appropriate scopes of work and proposals for a broad range of projects; planning and coordinating analyses; preparing technical reports; foundation and geotechnical engineering design; construction recommendations; Miss. River facility permitting; managing personnel and office operations; and expert witness testimony. Mr. Poché has logged soil borings; overseen the installation of ground water monitoring wells, piezometers, and inclinometers; overseen and evaluated pile load tests; overseen, performed, and evaluated dynamic pile testing (PDA and PIT); performed CMT field testing and inspection; and performed laboratory testing.

BFM Corporation projects overseen by Mr. Poché would include:

TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

Chad M. Poché, P.E. (continued)

Parc Des Familles Visitor Center (Proposed Location Survey), Jefferson Parish, LA. BFM Corporation provided topographic surveying services to help establish the proposed project site for the Parc Des Familles Visitor Center in Marrero, LA. BFM provided Temporary Benchmark and Construction Benchmark for the site, as well as a topographic survey locating all utilities and man-made elements as well as natural objects (tress and ponds). Cross sections and Finished Floor Elevations (for the FEMA certificate) were also included. (\$16,590 (fee); 2018)

Proposed Lafreniere Food Pavilion, Lafreniere Park, Metairie, Jefferson Parish, LA. BFM prepared a site-specific topographic survey for the project site. The scope of services included location of utilities (water & sewer, lighting, power, cable, etc.), establishing a baseline, providing both Temporary Benchmark (TBM) and Construction Benchmark (CBM), locating existing improvements, natural elements, and other topographic features. (\$9,050 (fee); 2020)

Site Specific Topographic Surveys for Multiple School Locations, Jefferson Parish, LA. BFM prepared site-specific topographic surveys for twelve separate Jefferson Parish school locations throughout the Parish. Scope included establishing the nearest property line to the area being surveyed at each school, establishing a construction benchmark, location of specific existing improvements within the Limits of Survey at each location as well as location of trees. Spot elevations were taken. Certificates prepared included a Construction Benchmark Certificate, a Top of Form Certificate and Sketch, a Top of Slab Certificate, and a Final FEMA Elevation Certificate. (\$47,461 (fee); 2020)

Mid City Apartments Phase II, New Orleans, LA. BFM provided comprehensive surveying services associated with Phase II of the Mid City Apartments project in New Orleans. This phase involved the construction layout survey of the Apartment Building and Parking Garage, which consisted of shooting existing elevations, provision of corners, and staking piles. After project completion, an As-Built Survey was executed for both buildings. (\$54,000 (fee); 2019)

Construction Layout Surveying, Port of New Orleans Cold Storage Facility, Port of New Orleans, LA. BFM Corporation provided surveying services for the Construction Layout of the project, including layouts for piles, building, curbing/roadway, and utilities, as well as grading. BFM also established horizontal and vertical control for the site prior the start of construction. Other services include providing certificates for both Top of Form (TOF) and FEMA Elevation, as well as the As-Built Survey upon project completion. (\$65,000 (fee); 2021)

Lafreniere Park ADA Repairs, Metairie, Jefferson Parish, LA. For the project, BFM executed a Route Topographic Survey for the project; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. (\$73,615 (fee); 2018)

Hospital Expansion Project, Chalmette, St. Bernard Parish, LA. BFM provided surveying services for the project, located at 8000 West Judge Perez Drive in Chalmette. The scope included a topographic and utility survey, four temporary benchmarks, and location of improvements, utilities & trees. BFM further established finished floor elevations, and took spot elevations at 25 ft intervals. (\$35,280 (fee); 2020)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

John Philip Thayer
Field Operations Supervisor

Project Assignment:

Field Operations Supervisor

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years experience with this Firm:

14 years (joined BFM in 2008); 15 years total (2007)

Education: Degree(s)/Year/Specialization:

B.S., 2007, Physical Education, Trevecca Nazarene University

Active registration: Year first registered/discipline:

Professional Land Surveyor Registration in process, State of Louisiana

Other experience and qualifications relevant to the proposed Project:

Mr. Thayer is a Field Operations Supervisor with considerable experience in field surveying services, including ALTA/as-built surveying, construction layout, boundary, topographic, cross-sections, GPS use, and numerous other surveying types.

Clancy-Maggiore Elementary School for the Arts, Kenner, Jefferson Parish, LA. BFM provided boundary surveying services for the project, located at 2100 Maine Avenue in Kenner. The scope of services focused on improvements to the site. BFM researched all title data, established a closed traverse around the site, and set a TBM. Elevations were taken across the project site. Spot elevations were plotted, as well as the location of all improvements and topographic features. Utilities were located as were piping and trees/brush of a certain caliper. Deliverables included hardcopy and AutoCAD DWG format files. A later update to the project included a Form Board Certificate (FBC). (\$19,940 (fee); 2017)

Parking Garage As-Built Survey, Louis Armstrong New Orleans International Airport, Kenner, LA. BFM provided surveying services for the project, the scope of which including preparation of an as-built survey of the garage and site (to include all features, signs, light poles, etc.), elevation on each floor where the garage is closest to Airline Highway (south side), the location of the column grid lines and location of double helix, elevation shots across the ground floor, and a legal description of the lease sites. This included a top-of-slab on 7th floor and top of vertical panels on extension. The survey also included drainage from Airline Highway through all connections to the parking garage and a three dimensional description sketch of cross ways between garages. (\$20,130 (fee); 2011)

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Other experience and qualifications relevant to the proposed Project:

John Philip Thayer (continued)

Greater Works Community Center, New Orleans, LA. BFM provided various surveying services as instructed by the project architect, including resubdivision, boundary & topographic, and subsurface locations of utilities. (\$19,600 (fee); 2016)

East Jefferson High School Courtyard Improvements, Metairie, Jefferson Parish, LA. BFM provided surveying to collect elevations and locate improvements on the interior courtyards of the East Jefferson High School campus in Metairie, Louisiana. Improvements included drainage structures, sewer cleanouts, electrical boxes, etc. utilizing laser scanning (Leica C10 HDS). A plan view showing topographic features (trees, pavement, piping, etc.) and a contour map are part of the final deliverables for the product. (\$4,798 (fee); 2016)

Parc Des Familles Visitor Center (Proposed Location Survey), Jefferson Parish, LA. BFM Corporation provided topographic surveying services to help establish the proposed project site for the Parc Des Familles Visitor Center, located at municipal #6101 Leo Kerner Lafitte Parkway in Marrero, LA. BFM provided Temporary Benchmark and Construction Benchmark for the site, as well as a topographic survey locating all utilities and man-made elements as well as natural objects (tress and ponds). Cross sections and Finished Floor Elevations (for the FEMA certificate) were also included. (\$16,590 (fee); 2018)


Fire Department Garage/Fire Training Center, Jefferson Parish, LA. BFM provided topographic surveying services for the project, which included the East Street/Bridge City (Fairfield Plantation) FD and the Fire Training Center in Belt Bridge. (\$8,124 (fee); 2016)

Haynes Academy School, Metairie, Jefferson Parish, LA. BFM prepared a Site Specific Topographic Survey for the project site at Haynes Academy School (part of the Bath Subdivision), located at 1416 Metairie Road. Project elements focused on boundary surveying, improvements throughout the campus, and notably locating the gym class fence. Scope included horizontal & vertical control, TBMs, and location of existing improvements & utilities, piping, and trees. Cross sections were taken, and a finished floor elevation provided of adjacent buildings. Deliverables included print & AutoCAD files. (\$8,400 (fee); 2019)

Jefferson Parish Department of Public Works (DPW) Maintenance Building, Jefferson Parish, LA. BFM provided stake-out services (four corners) for the DPW Maintenance Building Site (755 S. Jefferson Davis Parkway). Additional project work included preparation of an As-Built Survey of the project site. The scope of services included location and provision of top of casting elevations for the 11 drainage structures as noted on the owner's project sheets. Spot elevations were taken at 25-foot intervals within the limits of survey. (\$4,450 (fee); 2020)

University of Holy Cross Simulation Center, New Orleans, Orleans Parish, LA. BFM's scope included Construction Services Surveying in four phases. Phase 1 established two temporary benchmarks (TBMs) (Geoid 12B) and set wooden pile stakes at center of each pile (approx. 127 piles). Phase 2 involved a Top of Form Certificate and Sketch; Phase 3 provided for the Top of Slab Certificate. Phase 4 provided the Final FEMA Certificate and sketch for the building slab. (\$4,755 (fee); 2019)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
<p>Gary J. Lambert, Jr., PLS Registered Professional Land Surveyor</p>
Project Assignment:
Registered Professional Land Surveyor; Project Manager/Drafting Supervisor
Name of Firm with which associated:
 <p>BFM CORPORATION, LLC Professional Land & Hydrographic Surveying</p>
Years experience with this Firm:
4 years (joined BFM in 2018); 11 years total
Education: Degree(s)/Year/Specialization:
<p>B.S., 2018, Geomatics, Nicholls State University B.S., 2014, Construction Management, Louisiana State University</p>
Active registration: Year first registered/discipline:
2021, Professional Land Surveyor (Louisiana Lic. No. 5929)
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Lambert provides Project Management and Drafting Oversight for the firm. He has also provided Survey Crew Chief Services since joining BFM and offers a well-rounded experience overview for any project. Mr. Lambert has completed Basic OSHA Training and holds license with the Gulf Coast Safety Council (08SSV, ID429523).</p> <p>Parc Des Familles Visitor Center (Proposed Location Survey), Jefferson Parish, LA. BFM Corporation provided topographic surveying services to help establish the proposed project site for the Parc Des Familles Visitor Center, located at municipal #6101 Leo Kerner Lafitte Parkway in Marrero, LA. BFM provided Temporary Benchmark and Construction Benchmark for the site, as well as a topographic survey locating all utilities and man-made elements as well as natural objects (tress and ponds). Cross sections and Finished Floor Elevations (for the FEMA certificate) were also included. (\$16,590 (fee); 2018)</p> <p>Jefferson Parish Department of Public Works (DPW) Maintenance Building, Jefferson Parish, LA. BFM provided stake-out services (four corners) for the DPW Maintenance Building Site (755 S. Jefferson Davis Parkway). Additional project work included preparation of an As-Built Survey of the project site. The scope of services included location and provision of top of casting elevations for the 11 drainage structures as noted on the owner's project sheets. Spot elevations were taken at 25-foot intervals within the limits of survey. (\$4,450 (fee); 2020)</p>

TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

Gary J. Lambert, Jr., PLS (continued)

Proposed Lafreniere Food Pavilion, Lafreniere Park, Metairie, Jefferson Parish, LA. BFM prepared a site-specific topographic survey for the project site. The scope of services included location of utilities (water & sewer, lighting, power, cable, etc.), establishing a baseline, providing both Temporary Benchmark (TBM) and Construction Benchmark (CBM), locating existing improvements, natural elements, and other topographic features. (\$9,050 (fee); 2020)

Site Specific Topographic Surveys for Multiple School Locations, Jefferson Parish, LA. BFM prepared site-specific topographic surveys for twelve separate Jefferson Parish school locations throughout the Parish. The scope of services included establishing the nearest property line to the area being surveyed at each school, establishing a construction benchmark, location of specific existing improvements within the Limits of Survey at each location as well as location of trees. Spot elevations were taken. Certificates prepared included a Construction Benchmark Certificate, a Top of Form Certificate and Sketch, a Top of Slab Certificate, and a Final FEMA Elevation Certificate. (\$47,461 (fee); 2020)

University of Holy Cross Simulation Center, New Orleans, Orleans Parish, LA. BFM's scope included Construction Services Surveying in four phases. Phase 1 established two temporary benchmarks (TBMs) (Geoid 12B) and set wooden pile stakes at center of each pile (approx. 127 piles). Phase 2 involved a Top of Form Certificate and Sketch; Phase 3 provided for the Top of Slab Certificate. Phase 4 provided the Final FEMA Certificate and sketch for the building slab. (\$4,755 (fee); 2019)

Mid City Apartments Phase II, New Orleans, LA. BFM provided comprehensive surveying services associated with Phase II of the Mid City Apartments project in New Orleans. This phase involved the construction layout survey of the Apartment Building and Parking Garage, which consisted of shooting existing elevations, provision of corners, and staking piles. After project completion, an As-Built Survey was executed for both buildings. (\$54,000 (fee); 2019)

Sugarmill Apartments Builder's Package, Kenner, LA. BFM executed a complete Builder's Package Survey for the project site, located at Sugarmill Apartments (Municipal #4520, Williams Boulevard) in Kenner. Scope included establishing a Construction Benchmark near the site, providing a layout of building envelope for site clearing (or fill), setting layout pile locations (approx. 332 total piles), and the layout of building corners. (\$6,990 (fee); 2020)

Abney Elementary School, St. Tammany Parish School Board, LA. BFM provided surveying services for project work at the Abney Elementary School, located at 829 Kostmayer Avenue, in Slidell, LA for the St. Tammany Parish School Board. The scope of services included preparation of a boundary and topographic survey for additions to the school site. Additional project work involved the preparation of three pre-construction FEMA Certificates at the school site. (St. Tammany Parish School Board Project No. 1905) (\$14,360 (fee); 2020)

Memorial Baptist Church and School, Jefferson Parish, LA. BFM provided surveying services for the project, which included boundary survey, location of improvements (including parking areas), and staking of property corners every 100 feet. BFM also executed a Survey Update with Builder's Package for the site at a later date. (\$15,200 (fee); 2020)

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Christopher Lemley
Quality Control Supervisor

Project Assignment:

Quality Control Supervisor

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years experience with this Firm:

8 years (joined BFM in 2014); 16 years total (2006)

Education: Degree(s)/Year/Specialization:

High School Diploma

Active registration: Year first registered/discipline:

N/A

Other experience and qualifications relevant to the proposed Project:

Mr. Lemley serves as BFM's Quality Control Supervisor, overseeing all work and activity by the firm's personnel to be sure all is kept up to our exacting standards. His surveying experience includes over 8 years as a Survey Crew Chief. His survey software experience includes projects involving Trimble, Topcon, Leica, and Hypack, and has maintained and operated GPS, Auto-Level, and Total Station.

Lafreniere Park ADA Repairs, Metairie, Jefferson Parish, LA. For the project, BFM executed a Route Topographic Survey; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. (\$73,615 (fee); 2018)

Ernest N. Morial Convention Center Neighborhood Site Infrastructure, New Orleans, LA. BFM provided boundary & topographic surveying services for the project site (900 Convention Center Boulevard in New Orleans) for the Convention Center Development District. The project executed was adherent to the client-provided AIA document (dated August 20, 2015). (\$86,720 (fee); 2015)

Construction Layout Surveying, Port of New Orleans Cold Storage Facility, Port of New Orleans, LA. BFM Corporation provided surveying services for the Construction Layout of the project, including layouts for piles, building, curbing/roadway, and utilities, as well as grading. BFM also established horizontal and vertical control for the site prior the start of construction. Other services include providing certificates for both Top of Form (TOF) and FEMA Elevation, as well as the As-Built Survey upon project completion. (\$65,000 (fee); 2021)

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Thomas O. Wright
Survey Crew Chief

Project Assignment:

Survey Crew Chief

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years experience with this Firm:

14 years (joined BFM in 2008); 45 years total (1977)

Education: Degree(s)/Year/Specialization:

High School Diploma

Active registration: Year first registered/discipline:

*American Traffic Safety Service Assn. – Traffic Flagger/Control Technician/Control Supervisor
Basic OSHA Training - Completed
Transportation Work Identification Card (TWIC)*


Other experience and qualifications relevant to the proposed Project:

Mr. Wright has over 40 years of experience in surveying services, including a multitude of project types (water, wastewater, stormwater, drainage, roadway, etc.) throughout the region.

Construction Layout Surveying, Port of New Orleans Cold Storage Facility, Port of New Orleans, LA. BFM Corporation provided surveying services for the Construction Layout of the project, including layouts for piles, building, curbing/roadway, and utilities, as well as grading. BFM also established horizontal and vertical control for the site prior the start of construction. Other services include providing certificates for both Top of Form (TOF) and FEMA Elevation, as well as the As-Built Survey upon project completion. (\$65,000 (fee); 2021)

Parking Garage As-Built Survey, Louis Armstrong New Orleans International Airport, Kenner, LA. BFM provided surveying services for the project, the scope of which including preparation of an as-built survey of the garage and site (to include all features, signs, light poles, etc.), elevation on each floor where the garage is closest to Airline Highway (south side), the location of the column grid lines and location of double helix, elevation shots across the ground floor, and a legal description of the lease sites. This included a top-of-slab on 7th floor and top of vertical panels on extension. The survey also included drainage from Airline Highway through all connections to the parking garage and a three dimensional description sketch of cross ways between garages. (\$20,130 (fee); 2011)

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Curtis "Jay" Barrios Survey Crew Chief
Project Assignment:
Survey Crew Chief
Name of Firm with which associated:
 Professional Land & Hydrographic Surveying
Years experience with this Firm:
32 years (joined BFM in 1990); 32 years total (1990)
Education: Degree(s)/Year/Specialization:
<i>High School Diploma</i>
Active registration: Year first registered/discipline:
<i>American Traffic Safety Service Assn. – Traffic Flagger Transportation Work Identification Card (TWIC)</i>
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Barrios' surveying experience includes boundary, hydrographic, and topographic. He has worked on location and performed topographic surveys for a number of major projects.</p> <p>Proposed Lafreniere Food Pavilion, Lafreniere Park, Metairie, Jefferson Parish, LA. BFM prepared a site-specific topographic survey; scope included location of utilities (water & sewer, lighting, power, cable, etc.), establishing a baseline, providing both Temporary Benchmark and Construction Benchmark, locating existing improvements, natural elements, and other topographic features. (\$9,050 (fee); 2020)</p> <p>Mid City Apartments Phase II, New Orleans, LA. BFM provided comprehensive surveying services associated with Phase II of the Mid City Apartments project in New Orleans. This phase involved the construction layout survey of the Apartment Building and Parking Garage, which consisted of shooting existing elevations, provision of corners, and staking piles. After project completion, an As-Built Survey was executed for both buildings. (\$54,000 (fee); 2019)</p> <p>Parc Des Familles Visitor Center (Proposed Location Survey), Jefferson Parish, LA. BFM provided topographic surveying services to help establish the proposed project site for the Parc Des Familles Visitor Center, located at municipal #6101 Leo Kerner Lafitte Parkway in Marrero, LA. BFM provided Temporary Benchmark and Construction Benchmark for the site, as well as a topographic survey locating all utilities and man-made elements as well as natural objects (tress and ponds). Cross sections and Finished Floor Elevations (for the FEMA certificate) were also included. (\$16,590 (fee); 2018)</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Eric Gladney
Survey Crew Chief

Project Assignment:

Survey Crew Chief

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years experience with this Firm:

8 years (joined BFM in 2014); 21 years total (2001)

Education: Degree(s)/Year/Specialization:

High School Diploma

Active registration: Year first registered/discipline:

*American Traffic Safety Service Assn. – Traffic Flagger
Norfolk Southern Roadway Worker Protection Contractor Safety Cert.
Transportation Work Identification Card (TWIC)*

Other experience and qualifications relevant to the proposed Project:

Clancy-Maggiore Elementary School for the Arts, Kenner, Jefferson Parish, LA. BFM provided boundary surveying services for the project, located at 2100 Maine Avenue in Kenner. The scope of services focused on improvements to the site. BFM researched all title data, established a closed traverse around the site, and set a TBM. Elevations were taken across the project site. Spot elevations were plotted, as well as the location of all improvements and topographic features. Utilities were located as were piping and trees/brush of a certain caliper. Deliverables included hardcopy and AutoCAD DWG format files. A later update to the project included a Form Board Certificate (FBC). (\$19,940 (fee); 2017)

East Jefferson High School Courtyard Improvements, Metairie, Jefferson Parish, LA. BFM provided surveying to collect elevations and locate improvements on the interior courtyards of the East Jefferson campus. Improvements included drainage structures, sewer cleanouts, electrical boxes, etc. utilizing laser scanning (Leica C10 HDS). A plan view showing topographic features (trees, pavement, piping, etc.) and a contour map are part of the final deliverables for the product. (\$4,798 (fee); 2016)

Proposed Port Sulphur Library, Plaquemines Parish, LA. BFM executed boundary and topographic surveying for the entire site (including Lot A and the 2 lots known as Lots B) for the proposed library site located on Highway 23 in Port Sulphur in Plaquemines Parish, Louisiana. The survey included concrete slabs, oak trees, etc. (\$5,250 (fee); 2016)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Jeff Patin

Survey Crew Chief

Project Assignment:

Survey Crew Chief

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years experience with this Firm:

3 years (joined BFM in 2019); 23 years total (1999)

Education: Degree(s)/Year/Specialization:

High School Diploma

Active registration: Year first registered/discipline:

Transportation Work Identification Card (TWIC)

Other experience and qualifications relevant to the proposed Project:


Mr. Patin has worked as a Survey Crew Chief & Instrumentman for over 20 years for a number of southeastern Louisiana surveying firms on projects throughout the region. His work history includes supervision of field crew personnel, operation of various survey equipment (Topcon GPT, Leica GPS, Total Station, etc.), calculations, information collection, and any & all work required to execute the survey and obtain the information needed. Mr. Patin has worked on projects for various public & private clients, and has performed field work under the direction of the Corps of Engineers.

Memorial Baptist Church and School, Jefferson Parish, LA. BFM provided surveying services for the project, which included boundary survey, location of improvements (including parking areas), and staking of property corners every 100 feet. BFM also executed a Survey Update with Builder's Package for the site at a later date. (\$15,200 (fee); 2020)

Jefferson Parish Department of Public Works (DPW) Maintenance Building, Jefferson Parish, LA. BFM provided stake-out services (four corners) for the DPW Maintenance Building Site (755 S. Jefferson Davis Parkway). Additional project work included preparation of an As-Built Survey of the project site. The scope of services included location and provision of top of casting elevations for the 11 drainage structures as noted on the owner's project sheets. Spot elevations were taken at 25-foot intervals within the limits of survey. (\$4,450 (fee); 2020)

Rudolph Matas Elementary School HVAC Renovation Project, Metairie, Jefferson Parish, LA. BFM executed a site-specific topographic survey for the project, located at 1201 Elise Avenue in Metairie. (\$9,290 (fee); 2020)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
<p>Anthony Watson CADD Technician</p>
Project Assignment:
<p>CADD Technician</p>
Name of Firm with which associated:

Years experience with this Firm:
<p>11 years (joined BFM in 2011); 31 years total (1992)</p>
Education: Degree(s)/Year/Specialization:
<p><i>Coursework - CAD, Avatech Solutions, Los Colinas, TX</i></p>
Active registration: Year first registered/discipline:
<p>NA</p>
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Watson has experience as a draftsman/CADD technician, having started his career as an intern with the Surveying Department of the City of Plano, TX. His experience through the years includes manual and computer-aided drafting for a wide range of projects, ranging from small lot surveys to subdivisions to municipal treatment and private industrial plants. He has experience in all facets of surveying (boundary, topographic, ALTA/ACSM, plan & profile, etc.) in both drafting and field environments.</p> <p>Site Specific Topographic Surveys for Multiple School Locations, Jefferson Parish, LA. BFM prepared site-specific topographic surveys for twelve separate Jefferson Parish school locations throughout the Parish. Scope included establishing the nearest property line to the area being surveyed at each school, establishing a construction benchmark, location of specific existing improvements within the Limits of Survey at each location as well as location of trees. Spot elevations were taken. Certificates prepared included a Construction Benchmark Certificate, a Top of Form Certificate and Sketch, a Top of Slab Certificate, and a Final FEMA Elevation Certificate. (\$47,461 (fee); 2020)</p> <p>Clancy-Maggiore Elementary School for the Arts, Kenner, Jefferson Parish, LA. BFM provided boundary surveying services for the project. The scope of services focused on improvements to the site. BFM researched all title data, established a closed traverse around the site, and set a TBM. Elevations were taken across the project site. Spot elevations were plotted, as well as the location of all improvements and topographic features. Utilities were located as were piping and trees/brush of a certain caliper. Deliverables included hardcopy and AutoCAD DWG format files. A later update to the project included a Form Board Certificate (FBC). (\$19,940 (fee); 2017)</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Shaun Clements

CADD Technician

Project Assignment:

CADD Technician

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years experience with this Firm:

4 years (joined BFM in 2018); 7 years total (2015)

Education: Degree(s)/Year/Specialization:

Associates of Applied Sciences, 2015, Computer Drafting and Design (ITT)

Active registration: Year first registered/discipline:

NA


Other experience and qualifications relevant to the proposed Project:

Expansion of the Port of New Orleans Cold Storage Facility, Port of New Orleans, LA. BFM provided surveying services for the Cold Storage Facility Expansion Project. The scope of services included a topographic survey; this included establishing three temporary benchmarks (TBMs) and location of improvements & utilities. Spot elevations were taken at 25 foot intervals and at grade breaks within the limits of survey. (\$29,710 (fee); 2020)


Haynes Academy School, Metairie, Jefferson Parish, LA. BFM prepared a Site Specific Topographic Survey for the project site at Haynes Academy School (part of the Bath Subdivision), located at 1416 Metairie Road. Project elements focused on boundary surveying, improvements throughout the campus, and notably locating the gym class fence. Scope included horizontal & vertical control, TBMs, and location of existing improvements & utilities, piping, and trees. Cross sections were taken, and a finished floor elevation provided of adjacent buildings. Deliverables included print & AutoCAD files. (\$8,400 (fee); 2019)

Mid City Apartments Phase II, New Orleans, LA. BFM provided comprehensive surveying services associated with Phase II of the Mid City Apartments project in New Orleans. This phase involved the construction layout survey of the Apartment Building and Parking Garage, which consisted of shooting existing elevations, provision of corners, and staking piles. After project completion, an As-Built Survey was executed for both buildings. (\$54,000 (fee); 2019)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Kevin A. Roberts CADD Technician
Project Assignment:
CADD Technician
Name of Firm with which associated:
 BFM CORPORATION, LLC Professional Land & Hydrographic Surveying
Years experience with this Firm:
4 years (joined BFM in 2018); 37 years total (1985)
Education: Degree(s)/Year/Specialization:
A.D., 1999, Drafting & Design, Louisiana Technical College Coursework, 1994-1997, Nunez Community College Coursework, 1984-1988, Delgado Community College Coursework, 1982-1983, University of New Orleans
Active registration: Year first registered/discipline:
NA
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Roberts has experience with civil engineering, offshore engineering, water purification systems, and general architectural and construction design & terminology. He obtained his A.D. in Drafting in 1999, and has taken additional coursework throughout his career.</p> <p>Treasure Chest Casino, Kenner, Jefferson Parish, LA. BFM's services included boundary and topographic survey for the project site at the Treasure Chest Casino located on the lakefront in Kenner, Louisiana. BFM established baselines and temporary benchmarks, provided location of existing improvements and visible utilities, provided spot elevations at 25 ft. intervals within limits, and located property corners to establish right-of-way and boundaries. (\$65,940 (fee); ongoing)</p> <p>J.C. Ellis Elementary School, Metairie, Jefferson Parish, LA. BFM executed a complete Construction Services Survey for the project. (\$1,760 (fee); 2021)</p> <p>Proposed Lafreniere Food Pavilion, Lafreniere Park, Metairie, Jefferson Parish, LA. BFM prepared a site-specific topographic survey for the project site. The scope of services included location of utilities (water & sewer, lighting, power, cable, etc.), establishing a baseline, providing both Temporary Benchmark (TBM) and Construction Benchmark (CBM), locating existing improvements, natural elements, and other topographic features. (\$9,050 (fee); 2020)</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Dawn Hoffman Researcher/Archivist
Project Assignment:
Researcher/Archivist
Name of Firm with which associated:
 Professional Land & Hydrographic Surveying
Years experience with this Firm:
13 years (joined BFM in 2009); 25 years total (1997)
Education: Degree(s)/Year/Specialization:
A.D., 1999, Computer-Aided Drafting, Southeast College of Technology Certificate, 2003, Introduction to ArcGIS, Louisiana State University
Active registration: Year first registered/discipline:
NA
Other experience and qualifications relevant to the proposed Project:
<p>Ms. Hoffman serves as BFM's primary researcher and has more than 25 years of experience in this field. She is extremely knowledgeable with regards with researching in various parishes and cities.</p> <p>Mid City Apartments Phase II, New Orleans, LA. BFM provided comprehensive surveying services associated with Phase II of the Mid City Apartments project in New Orleans. This phase involved the construction layout survey of the Apartment Building and Parking Garage, which consisted of shooting existing elevations, provision of corners, and staking piles. After project completion, an As-Built Survey was executed for both buildings. (\$54,000 (fee); 2019)</p> <p>Celotex Park Servitude Study, Westwego, Jefferson Parish, LA. BFM Corporation was contracted by Jefferson Parish Engineering to provide a servitude survey of the Celotex Park project. The full scope included establishing a baseline Parallel to the proposed 23 ft. servitude. BFM located existing improvements within the proposed servitude, including all utilities. (\$13,650 (fee); 2019)</p> <p>New North Terminal, Louis Armstrong New Orleans International Airport, Kenner, LA. BFM provided all required surveying services (topographic, boundary, etc.) as required for this \$800 million project which consists of the construction of a new terminal facility including a new 800,000 square foot building, vehicle ramps, parking garage & lots, and other airport appurtenances. Changes to the scope occurred due to project area expansion and additional service needs by the Prime, all of which were handled by BFM. (\$208,541 (fee); 2014)</p>

TEC Professional Services Questionnaire

L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.

PROJECT NO. 1

Project Name, Location, and Owner's Contact Information:		Nature of Firm's Responsibility:	
Proposed Lafreniere Park Food Pavilion, Lafreniere Park, Metairie, Jefferson Parish, Louisiana Meyer Engineers Ltd. 4937 Hearst Avenue, Suite 1B Metairie LA 70001 Jennifer Wickham, 504-885-9892 jwickham@meyer-e-l.com		BFM prepared a site-specific topographic survey for the project site. The scope of services included location of utilities (water & sewer, lighting, power, cable, etc.), establishing a baseline, providing both Temporary Benchmark (TBM) and Construction Benchmark (CBM), locating existing improvements, natural elements, and other topographic features.	
Completion Date (Actual or estimated):		Estimated Cost:	
		Entire Project:	Work for which Firm was Responsible:
2020		N/A	\$9,050 (fee)

PROJECT NO. 2

Project Name, Location, and Owner's Contact Information:		Nature of Firm's Responsibility:	
Site Specific Topographic Surveys for Multiple School Locations, Jefferson Parish, Louisiana Jefferson Parish Public Schools Facilities Department 4600 River Road Marrero LA 70072 Steve Faust, 504-349-8595 steve.faust@jppss.k12.la.us		BFM prepared site-specific topographic surveys for twelve separate Jefferson Parish school locations throughout the Parish. The scope of services included establishing the nearest property line to the area being surveyed at each school, establishing a construction benchmark, location of specific existing improvements within the Limits of Survey at each location as well as location of trees. Spot elevations were taken. Certificates prepared included a Construction Benchmark Certificate, a Top of Form Certificate and Sketch, a Top of Slab Certificate, and a Final FEMA Elevation Certificate.	
Completion Date (Actual or estimated):		Estimated Cost:	
		Entire Project:	Work for which Firm was Responsible:
2020		N/A	\$47,461 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
Jefferson Parish Department of Public Works (DPW) Maintenance Building, Jefferson Parish, Louisiana CDW Services, LLC 721 Papworth Ave Ste 101 Metairie LA 70005 Kevin Myles, 504-828-2061 kmyles@cdwservices.com	BFM provided stake-out services (four corners) for the DPW Maintenance Building Site (755 S. Jefferson Davis Parkway). Additional project work included preparation of an As-Built Survey of the project site. The scope of services included location and provision of top of casting elevations for the 11 drainage structures as noted on the owner's project sheets. Spot elevations were taken at 25-foot intervals within the limits of survey. Deliverables included an indelible print, high resolution PDF, and AutoCAD drawings.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020	N/A	\$4,450 (fee)

PROJECT NO. 4		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
East Bank & West Bank Bus Stop Improvements, Jefferson Parish, Louisiana ECM Consultants, Inc. 4409 Utica Street Suite 200 Metairie LA 70006 Sunina Shrestha, 504-885-4080 mail@ecmconsultants.com	BFM's surveying services involved topographic surveying (25 ft grid) for multiple bus stop locations (East Bank: KL162, KL178, KL24, KL29, KL30, KL32, AP4, KL13, KL181, KL172, AP108) (West Bank: AV26, AV27, AV3 (6 sites), AV40, AV42, AV43, AV44, AV45, AV47, AV65, AV74, AV76, HL67, MR44, MR52)	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019	N/A	\$43,713 (cumulative fee)

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
New Storage Buildings (New Construction) at Multiple Jefferson Parish Schools, Jefferson Parish, Louisiana Jefferson Parish School Board Facilities Department 4600 River Road Marrero LA 70072 David Taylor, 504-349-8595 david.taylor@jppss.k12.la.us	BFM's surveying services included boundary surveying, construction benchmarks (CBM). Later services at each site included Top of Form and FEMA Elevation Certificates. Sites included Johnson Greta Park School, Hazel Park Elementary School, J.C. Ellis Elementary School, Alexander School, Adams Junior High School, W.G. Schneckenburger Elementary School, Judge Collins School, Lincoln Elementary School, Riviere School, Marrero Middle School, and East Jefferson High School.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019	N/A	\$54,000 (fee)

PROJECT NO. 6		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
Haynes Academy School, Metairie, Jefferson Parish, Louisiana Jefferson Parish Public Schools Facilities Department 4600 River Road Marrero LA 70072 Steve Faust; 504-349-8595 steve.faust@jppss.k12.la.us	BFM prepared a Site Specific Topographic Survey for the project site at Haynes Academy School (part of the Bath Subdivision), located at 1416 Metairie Road. Project elements focused on boundary surveying, improvements throughout the campus, and notably locating the gym class fence. Scope included horizontal & vertical control, TBMs, and location of existing improvements & utilities, piping, and trees. Cross sections were taken, and a finished floor elevation provided of adjacent buildings. Deliverables included print & AutoCAD files.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019	N/A	\$8,400 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
Parc Des Familles Visitor Center (Proposed Location Survey), Jefferson Parish, Louisiana Meyer Engineers Ltd. 4937 Hearst Avenue, Suite B Metairie LA 70001 Raymond J. Brown, 504-885-9892 rbrown@meyer-e-l.com	BFM Corporation provided topographic surveying services to help establish the proposed project site for the Parc Des Familles Visitor Center, located at municipal #6101 Leo Kerner Lafitte Parkway in Marrero, LA. BFM provided Temporary Benchmark and Construction Benchmark for the site, as well as a topographic survey locating all utilities and man-made elements as well as natural objects (tress and ponds). Cross sections and Finished Floor Elevations (for the FEMA certificate) were also included.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018	N/A	\$16,590 (fee)

PROJECT NO. 8		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
Clancy-Maggiore Elementary School for the Arts, Kenner, Jefferson Parish, Louisiana Jefferson Parish School Board Facilities Department 4600 River Road Marrero LA 70072 David Taylor, 504-349-8595 david.taylor@jppss.k12.la.us	BFM provided boundary surveying services for the project, located at 2100 Maine Avenue in Kenner. The scope of services focused on improvements to the site. BFM researched all title data, established a closed traverse around the site, and set a TBM. Elevations were taken across the project site. Spot elevations were plotted, as well as the location of all improvements and topographic features. Utilities were located as were piping and trees/brush of a certain caliper. Deliverables included hardcopy and AutoCAD DWG format files. A later update to the project included a Form Board Certificate (FBC).	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2017	N/A	\$19,940 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
East Jefferson High School Courtyard Improvements, Metairie, Jefferson Parish, Louisiana Jefferson Parish Public Schools Facilities Department 4600 River Road Marrero LA 70072 Steve Faust; 504-349-8595 steve.faust@jppss.k12.la.us	BFM Corporation provided surveying to collect elevations and locate improvements on the interior courtyards of the East Jefferson High School campus in Metairie, Louisiana. Improvements included drainage structures, sewer cleanouts, electrical boxes, etc. utilizing laser scanning (Leica C10 HDS). A plan view showing topographic features (trees, pavement, piping, etc.) and a contour map are part of the final deliverables for the product.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2016	N/A	\$4,798 (fee)

PROJECT NO. 10		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
Marrero Wastewater Treatment Plant Operations Building, Jefferson Parish, Louisiana Digital Engineering 527 W. Esplanade Ave., Ste. 300 Kenner LA 70065 Timothy Smith, 504-468-6129 tsmith@deii.net	BFM Corporation provided surveying services for the project, located on the West Bank of Jefferson Parish in Marrero. BFM's scope of services included obtaining title data, supplementing with courthouse research as needed. The field survey involved plotting of servitudes and location of improvements, as well as utilities and drainage. Data from the field survey was processed and compared with the title information. Boundary surveying included monumentation and establishing both temporary benchmarks & construction benchmark as well as surveying elevations. Deliverables included indelible prints and AutoCAD DWG format drawing files.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2015	N/A	\$8,573 (fee)

TEC Professional Services Questionnaire

M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. N/A		
2.		
3.		
4.		

N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.

BFM CORPORATION, LLC

Professional Land & Hydrographic Surveying

CRITERIA 1 • PROFESSIONAL TRAINING AND RELEVANT PROJECT EXPERIENCE

Established in 1982, **BFM Corporation, LLC, Professional Land & Hydrographic Surveying**, has provided services to public & private concerns throughout Louisiana and the Gulf South. The firm provides surveying services covering all facets of engineering, construction, and forensics; topographic, hydrographic, and high definition laser scanning.

BFM is a majority Woman-Owned Business Enterprise (WBE) as well as a Hudson Initiative certified Small & Emerging Business and Small Entrepreneurship in Louisiana.

Our capabilities include the following and more:

- **Topographic Surveying**
- **Drone Surveying / Photogrammic and LiDAR**
- **Bathymetric / Hydrographic Surveys**
- **Property, Boundary, and Right-of-Way Surveys**
- **Maps, Cross-Sections, and Data Sets**
- **3D Laser Scanning**

TEC Professional Services Questionnaire

N. continued.

- **Benchmarks**
- **Construction-Related Surveying**
- **Builder's Package Surveys**
- **American Land Title Association (ALTA) Surveys**

BFM's project work routinely involves **extensive records and related research** as an element of successful completion, as well as coordination with the client, agency or department. BFM has the personnel to make sure this is done correctly and expeditiously.

Our **Survey Field Crews** are equipped with Leica Captivate Data Collectors as well as Leica GPS Smart Antennas. Each GPS unit is linked to the Leica SmartNet Network, giving each crew the ability for Real Time Kinematic Positioning (RTK), derived from the Global Navigation Satellite System (GNSS). Crews are outfitted with Leica TS series robotic total stations, simplifying and expediting projects. Furthermore, BFM has photogrammetry included into our GS18 GPS Receivers that allow our technicians to capture and utilize point cloud data in the field. The tilt functionality built into the GPS receivers allows for shooting without leveling the rod; this greatly increases speed of fieldwork while keeping accuracy and precision intact. BFM's crews are trained to use this equipment to its full potential to maximize efficiency and accuracy in the field.

BFM offers **Drone Surveying Services**, featuring a DJI Matrice 600 Pro drone (outfitted with a Sony A7R3 42-megapixel camera, Pixhawk Triggering System, VMAP PPK system, and an A3 Pro Flight Controller). At a flight ceiling of 165 feet, pixel quality is 0.71 CM); this allows BFM to quickly & accurately capture data and facilitates quicker field work to produce highly accurate and precise surveying information. Deliverables feature Clean Point Cloud, 3D Mesh, Orthomosaic, and AutoCAD DWG Topographic.

BFM's **3D modeling capabilities** allow us to process & model for any design purpose. High-definition scanner data is processed using software from Leica and Autodesk. BFM is working on non-traditional survey deliverables, including virtual tours, live walkthroughs, detailed pipe rack modeling, and modeling for use with Autodesk Revit Architecture.

When needed, BFM Corporation provides **bathymetric surveying** to handle any hydrographic surveying tasks. For large rivers and bodies of water, BFM is equipped with Teledyne Odom Hydro Solutions' Hydro Trac Single Beam Echo Sounder. For smaller bodies of water, BFM uses an SL20 Remote Controlled Boat equipped with CEE Scope Dual Channel Echo Sounder. The firm uses Hypack Software to process collected data. Further, BFM can execute multi-beam scans, side scans and magnetometer surveys upon request.

Please refer to the projects presented in Item L of this form as well as our personnel bios for an overview of relevant project work executed by BFM Corporation.

CRITERIA 2 • SIZE OF FIRM

As noted, BFM has the manpower and equipment to execute any surveying task within the reasonable time set forth by the contract or project engineer. BFM has no issue with meeting the project deadlines set forth by our clients, both municipal and private. It is our continual goal to keep

TEC Professional Services Questionnaire

N. continued.

this reputation solid. Further, we establish base costs and fees for our services, and work with our clients to meet all project budgets.

As noted in **item E of this form**, BFM currently has a **full time staff of two dozen people**, including **two Registered Professional Land Surveyors, Survey Field Crew Personnel, and AutoCAD drafting personnel**, as well as **complete administrative and support staff**.

CRITERIA 3 • CAPACITY FOR TIMELY COMPLETION OF NEWLY-ASSIGNED WORK

BFM Corporation has the manpower and equipment to execute any surveying task within the reasonable time set forth by the contract or project engineer. It is our continual goal to keep this reputation solid. We establish base costs and fees for our services, and work with our clients to meet all project budgets. Our workload and scheduling, and proximity to the project site, will allow for quick assignment of personnel to any directed project.

BFM Corporation's **Ralph P. Fontcuberta, Jr., PLS**, is a **Louisiana-Registered Professional Land Surveyor (since 1974)** and meets or exceeds any minimum requirements for any surveying project. He has been **providing surveying services in Louisiana for over 50 years** and brings an almost incalculable wealth of experience in the region to any project, especially in Southeast Louisiana.

BFM's **Chad M. Poché, P.E.** brings **more than 25 years of experience** to assist in completing projects on time and within budget. He has been a consulting geotechnical engineer for more than 20 years in South Louisiana and has been the geotechnical engineer of record for thousands of projects throughout his career.

Our personnel included **multiple survey crews** and a **fully-staffed drafting department** to handle any project needs; they are thoroughly trained and extensively familiar with the region and needs of various types of surveying projects.

CRITERIA 4 • PAST PERFORMANCE ON PARISH CONTRACTS

BFM has provided surveying services in **Jefferson Parish since 1982**, both **directly to Parish agencies and as a consultant to firms serving the Parish**. The firm has executed many hundreds of projects in the Parish, including both direct Parish projects and agency projects (CPRA, Louisiana DOTD, etc.), not to mention the scores of surveying projects for private individuals and industry.

As noted, Mr. Fontcuberta has **over half a century of professional land surveying experience**, including nearly 40 years with BFM. He has provided professional surveying services for **thousands of projects for and throughout Jefferson Parish**. Additional information beyond the scope of this RFQ response is available upon request.

CRITERIA 5 • LOCATION OF PRINCIPAL OFFICE

BFM has called **Jefferson Parish home office location since the firm's inception in 1982**; our principal office is located in Jefferson Parish at **15 Veterans Memorial Boulevard** in Kenner.

TEC Professional Services Questionnaire

N. continued.

CRITERIA 6 • ADVERSARIAL LEGAL PROCEEDINGS WITH PARISH

BFM Corporation is **not involved in litigation with Jefferson Parish** nor with any of our clients, as is noted in *Item M* of this form.

CRITERIA 7 • PRIOR SUCCESSFUL COMPLETION OF PROJECTS

For nearly 40 years, BFM Corporation has completed thousands of projects throughout Jefferson Parish and Southeast Louisiana, both to municipal and various private clients, similar to the project at hand, not to mention other drainage projects in a wide range of sizes, from small lot to Parish-wide endeavors. **Multiple examples of this work are included throughout this form in both the *Personnel Résumés* section (Item K) and *Representative Project Work* (Item L).** Further, BFM has worked with virtually every municipality in the region. We enjoy a high repeat-business rate with all our clients. We offer the following specific references for contact:

- **Mark R. Drewes, P.E.**, Director, Jefferson Parish Public Works Department (504-736-6783 | JPPW@jeffparish.net)
- **Neil Schneider, CCM, P.E.**, Director, Capital Projects, Jefferson Parish Public Works Department (504-736-6783 | JPPW@jeffparish.net)
- **Angela DeSoto, P.E.**, Director of Engineering, Jefferson Parish (504-736-6511 | ADeSoto@jeffparish.net)
- **Sid Trouard, P.E.**, Program Manager, Jefferson Parish Sewerage Capital Improvement Program (504-736-6386 | STrouard@jeffparish.net)
- **Tom Schreiner**, Deputy CAO, Public Works & Capital Projects, City of Kenner (504-468-7515 | tschreiner@kenner.la.us)
- **Greg Cromer**, Mayor, City of Slidell (985-646-4333 | gcromer@cityofslidell.org)

Our professional work history is exemplary. We strive to provide on-time and technically thorough project deliverables at the budget set by our clients.

O. To the best of my knowledge, the foregoing is an accurate statement of facts.

Signature: 

Print Name: Chad M. Poché, P.E.

Title: Executive Vice President

Date: June 6, 2022

Section 4

IMC Consulting Engineers, Inc.

TEC Professional Services

Questionnaire

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

B. Firm Name & Address:

C. Name, title and contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana:

D. Name and contact information of employee who is a registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline.

E. Please provide the number of employees whose primary function corresponds with each category:

<input type="checkbox"/> Administrative	<input type="checkbox"/> Estimators	<input type="checkbox"/> Specification Writers
<input type="checkbox"/> Architects (Licensed)	<input type="checkbox"/> Geologists	<input type="checkbox"/> Structural Engineers
<input type="checkbox"/> Chemical Engineers	<input type="checkbox"/> Geotechnical Engineers	<input type="checkbox"/> Graduate Engineers
<input type="checkbox"/> Civil Engineers	<input type="checkbox"/> Interior Designers	<input type="checkbox"/> Project Managers
<input type="checkbox"/> Construction Inspectors	<input type="checkbox"/> Landscape Architects	<input type="checkbox"/> Clerical
<input type="checkbox"/> Ecologists	<input type="checkbox"/> Land Surveyor	<input type="checkbox"/> Grant/Funding Specialist
<input type="checkbox"/> Electrical Engineers	<input type="checkbox"/> Mechanical Engineers	<input type="checkbox"/> Sanitary Engineers
<input type="checkbox"/> Engineer Intern	<input type="checkbox"/> Environmental Engineers	
<input type="checkbox"/> Professional Land Surveyors	<input type="checkbox"/> CAD Technicians	<input type="checkbox"/> TOTAL

F. Is this submittal by a JOINT-VENTURE? Please check: YES _____ NO _____

If marked "No" skip to Section I. If marked "yes" complete Sections G-H.

TEC Professional Services Questionnaire

G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary.

1.

2.

H. Has this JOINT-VENTURE previously worked together? Please check:
 YES _____ NO _____

I. List all subcontractors anticipated for this Project. Please note that all subcontractors must submit a fully completed copy of this questionnaire, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1.		
2.		
3.		

J. Please specify the total number of support personnel that may assist in the completion of this Project:

TEC Professional Services Questionnaire

K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e. resume) that demonstrates the employment history and experience of the Firm's key persons that may assist in the completion of this Project. Please attach additional pages if necessary.

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Project Assignment:

Name of Firm with which associated:

Years' experience with this Firm:

Education: Degree(s)/Year/Specialization:

Active registration: Year first registered/discipline:

Other experience and qualifications relevant to the proposed Project:

Other Experience and Qualifications Relevant to the Proposed Project (continued)

Jefferson Parish Department of General Services - Yenni Building Conversion to EOC

Designed and specified electrical systems associated with the conversion of the 10-story office building to an Emergency Operations Center for Jefferson Parish. Electrical design consisted of full standby generator power for the building, which was accomplished via paralleled 1000 kW diesel generators sets mounted on an elevated exterior platform. Electrical design also included new paralleling switchgear, new electrical service and main distribution equipment, bus duct connecting existing and new distribution equipment, lighting, and tie-in to existing fire alarm system. Generator housings were specified to withstand hurricane force winds. Space was provided on the platform and in the switchgear to incorporate a third, future generator for redundancy.

Jefferson Parish Dept. of General Services - Yenni Building Porte Cochere's

Designed and specified electrical systems associated with the addition of a Porte Cochere' to the North entrance of the Yenni building. Design included power, lighting, CCTV, and fire alarm.

Jefferson Parish Department of General Services - New Standby Generator for First Parish Court

Designed, specified and administered the construction of a new 500 kW natural gas generator set to provide standby power to the First Parish Court Building. Paul acted as the Project Manager; IMC was the Prime Consultant.

Plaquemines Parish Sheriff's Office Administration Building

Designed, specified, and administered the electrical construction for the renovation of the Second Floor of an existing bank to serve as administration space for the Plaquemines Parish Sheriff's Office. Design included all power, lighting, communication, fire alarm, and security systems. Security system design included a security management system with integrated surveillance cameras and access controls. Camera images can be viewed remotely via an internet-based connection.

Plaquemines Parish Sheriff's Office - Firing Range Training Facility

Project consisted of a new multi-story business occupancy with a large classroom for instruction, restrooms, showers, offices, a simulator room, and an armory to support the adjacent firing range. In addition to the typical mechanical, plumbing, and electrical systems, design included elevated equipment and services 16+ feet above grade, a fire pump, and provisions for connection of a roll-up generator. Lighting design was based on all-LED fixtures; interior lighting controls included fixture control based on occupancy.

LADOTD - Crescent City Connection Division - Administration Building Expansion

Designed and specified electrical systems associated with the expansion of the Administration Building. Design included lighting, power distribution, fire alarm system, closed circuit television system, and access control system.

LADOTD - Michoud Maintenance Facility Renovations

Designed and specified electrical systems associated with the renovation of and repairs to the DOTD Maintenance Office building and warehouse in New Orleans. Electrical design included power, lighting, and fire alarm systems.

Nunez Community College - New Administration Building

FEMA funded project for the construction of a new Administration Building. Designed and specified power, interior and exterior lighting, and special systems for a new Administration building. Power design included provisions for connecting a roll-up generator.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Project Assignment:
Name of Firm with which associated:
Years' experience with this Firm:
Education: Degree(s)/Year/Specialization:
Active registration: Year first registered/discipline:
Other experience and qualifications relevant to the proposed Project:

Richard Nichols, P.E.
Principal / Quality Assurance

Other Experience and Qualifications Relevant to the Proposed Project (continued)

East Bank Regional Library

Provided electrical design for the new construction of a 4,408 sq-ft maintenance building built adjacent to the existing library. Also created the design for the addition of two exterior 750-kW natural gas generators to provide non-emergency backup power for the entire library complex

River Ridge Library

This project involved a 10,000 sq-ft new library. The electrical design included lighting, power, fire alarm, communications and site lighting. A natural gas generator was designed to provide emergency back-up power for the entire library.

Jefferson Parish Fire Station#18

This project entailed an 8,500 square foot, \$2.4 million full service fire station with living quarters, commercial kitchen and apparatus bay. The electrical design included lighting, site lighting, power, emergency generator, raceway for communications and CATV. The project included all LED lighting for the fire station along with lighting controls to save energy.

Veterans Blvd Decorative Lighting (Bonnabel Canal to Orleans Parish Line)

For this project, we replaced the existing metal halide fixtures and poles with new LED fixtures on new decorative poles from the Bonnabel Canal to the Orleans Parish line. Two new electrical service points were established to power the new lighting poles. All new lighting circuits were routed underground to handholes mounted next to each pole. The existing overhead exposed aerial cables were removed. From each handhole to each pole a breakaway cable assembly was provided to power the fixture on each pole. The breakaway cable assembly is UL listed to disconnect power to the pole in the event that the pole was knock down. The pole base was supplied with a breakaway pole base. The fixtures were energy efficient LED fixtures that provided better lighting at about 50% of the existing fixture wattage.

Federal City

This facility will be the Headquarters for the Marine Forces Reserve and Major Subordinate Commands. The project included a four-story office building, a two-story band building, a warehouse building, a visitor center and a guardhouse. The total gross square footage of all the buildings is 411,320 sq-ft. The electrical design included the following: site lighting, perimeter security lighting, indoor lighting systems, lighting controls, power, fire alarm, and emergency generator –life safety and critical. The project was a LEED certified project and the lighting design meet 2004 ASHRAE 90.1 Energy Code.

Louisiana National Guard - Engineering Complex, Jackson Barracks

This design included three buildings: Buildings 401,402 and 403. Building 401 is an 18,000 square foot warehouse facility with a small office and 2nd floor work area and showers. Building 402 is a 6,800 square foot vehicle maintenance building. Building 403 is a 15,000 square foot shop building with a storage mezzanine and office area. The electrical design for all three buildings included lighting, power and fire alarm. The design included an emergency generator, a 22 KV to 480-volt pad mounted transformer, and high voltage connection to 22KV electrical infrastructure. All three buildings were fed by this pad-mounted transformer. Finally, most of the electrical equipment in the three buildings was installed either on a raised platform or at the mezzanine level to protect the equipment in the event of future area flooding.

Louisiana National Guard – Covington Readiness Center

This project was a design-building project for a 30,030 square-foot single story Readiness Center. The electrical design included power, lighting, fire alarm, and telephone and data communications. The electrical design also included a 275 KW diesel generator designed to provide back-up power to the facility for 48 hours. The lighting design was an energy efficient design and helped the project attain LEED silver status.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Project Assignment:
Name of Firm with which associated:
Years' experience with this Firm:
Education: Degree(s)/Year/Specialization:
Active registration: Year first registered/discipline:
Other experience and qualifications relevant to the proposed Project:

Matthew Wender, P.E.
Mechanical Department Head

Other Experience and Qualifications Relevant to the Proposed Project (continued)

Jefferson Parish East Bank Regional Library Storage & Emergency Power

Responsible for the Mechanical, Plumbing, and Fire Protection design and construction administration of the 4,500 square maintenance building, emergency power systems, and parish wide building automation system upgrades. Mechanical design included 4-pipe, variable volume vertical fan coil units with underground hydronic tie-ins to the existing facility's utilities. Restroom and workshop dedicated ventilation systems were also provided. Plumbing and sprinkler system design included new systems extended from the main facility with a dedicated sprinkler system riser and backflow preventer. Modifications were made to the existing gas service to provide high-pressure gas at the site as well as gas piping to two new 750KW emergency generators. Finally, design and implementation of the Parish library wide Siemens Desigo energy management system migration were provided.

Jefferson Parish West Bank Regional Library

Responsible for the Mechanical, Plumbing, and Fire Protection design and construction administration of the 33,500 square foot renovation to the existing library as well as a 17,000 square foot addition. Project design is currently complete but has not yet advertised. The mechanical design encompassed phased wholesale replacement of existing HVAC systems with four-pipe, variable volume equipment. The design included a 160-ton high-efficiency air cooled chilled water plant, a 1400MBH heating hot water plant with condensing boilers, variable speed skid mounted pumping systems, central station chilled water air side equipment, and variable air volume terminal units with hot water reheat. New restroom ventilation systems and a new energy management system to control and monitor the HVAC equipment were also provided. The plumbing and sprinkler system design included complete replacement of existing systems. Hydro-tunneling to facilitate new below slab waste piping was designed to mitigate issues caused by site settlement. Domestic water and vent piping was replaced to accommodate relocated restrooms and reconfigured ceilings. Modifications to the sprinkler system riser and distribution piping were designed to provide and double-check backflow preventer and allow the phased construction. New sprinkler heads were specified for the renovation and addition areas and a new high-pressure gas service was design to support the gas-fired heating hot water boilers and an emergency generator.

Lakeshore Library Equipment Upgrades

Project consists of replacing four direct-expansion vertical indoor air-handling units, outdoor condensing units, and associated ductwork modifications and refrigerant piping. Exterior equipment is relocated to the building roof. Total replacement equipment capacity is 38.5 tons. High-efficiency, variable volume equipment features BACnet integration to building control system and modulating hot gas reheat to provide full humidity control.

Jefferson Parish Library HVAC Control Upgrade

Project consisted of providing a new Direct Digital Control (DDC) System to replace the existing energy management system. The scope of work includes the replacement of existing pneumatic controls with a digital overlay, thereby providing new digital control panels, room sensor/stats, and a new operator workstation. Existing pneumatic actuators will remain with EP relays to interface with the DDC system.

Jefferson Parish Library Special Collections Area HVAC Upgrade and Library Generator

Project consisted of providing new HVAC systems and associated electrical and duct work modifications and structural supports to serve the Special Collections area of the East Bank Library. Additionally, the project consists of providing new, natural gas fueled, standby power-generation equipment and associated distribution equipment modifications, gas piping modifications, and structural supports as required by the equipment and as necessary to provide standby power sized for the new HVAC equipment as well as receptacles and lighting in the Special Collections area. The project will also include the disconnection, raising and reconnection of an existing generator unit to minimize the risk of damage during a flood condition.

GSA- Hale Boggs Federal Building – 2nd Floor Buildout for USDC

Provided mechanical and plumbing design for the renovation of USDC which included conversion of existing air handling unit to variable volume configuration. Space temperatures were maintained with local variable air volume air terminal units featuring hot water reheat coils. The existing return air plenum remained in place with sound traps employed at all return air grilles and noise sensitive areas hard ducted through the wall to the corridor area. The plumbing modifications included commercial grade low flow fixtures and tie-in to the existing building domestic water, hot water, and sanitary systems, which are located on alternating columns throughout the building.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Project Assignment:	
Name of Firm with which associated:	
Years' experience with this Firm:	
Education: Degree(s)/Year/Specialization:	
Active registration: Year first registered/discipline:	
Other experience and qualifications relevant to the proposed Project:	

Eugene “Chip” Higbee, III, P.E.
Principal / Quality Assurance

Other Experience and Qualifications Relevant to the Proposed Project (continued)

Jefferson Parish Performance Contract Review

Provided technical review of Parish-wide performance contract with Siemens. Tasks included energy savings review, scope of work confirmation and terms and conditions.

East Bank Maintenance Building – Jefferson Parish General Services

Handled Mechanical design of DX split variable air volume cooling systems and plumbing system.

Marrero Wastewater Treatment Facility EOC

Mechanical engineer of record new administration and emergency operations center for the wastewater treatment plant. The building includes administrative offices, a wastewater lab and storm resistant structure designed to house personnel during major weather events.

Jefferson Parish Head Start

Provided quality control for 6,000 sqft addition to existing Marrero head start facility. Project scope included mechanical, plumbing and fire protection systems in both the new addition and renovated areas.

Jackson Barracks- Engineering Complex

This project included design for three buildings: Building 401 is a 18,000 sq. ft. warehouse facility with small office and 2nd floor work area and showers. Building 402 is a 6,800 square foot vehicle maintenance building. Building 403 is a 15,000 square foot shop building with a storage mezzanine and office area. All buildings were heated and ventilated. Chip was responsible for all mechanical design.

U.S. Custom House Renovation

Chip was the mechanical engineer of record providing mechanical design services for the Custom House. The project entailed the shell building renovation of the upper floors including the replacement of all HVAC systems.

St. Mary’s Dominican High School Athletic Complex-

Provided mechanical, plumbing and sprinkler design for complex including gym, weight training area, dance area, classrooms, lockers, and administrative areas.

Louisiana National Guard – Covington Readiness Center

Responsible for the mechanical design for a 30,300 sq-ft facility consisting of classrooms, lockers and administrative areas to train 114 soldiers. The design of the project as submitted qualifies for 54 LEED Points. The contributing mechanical and plumbing system measures included complete DDC control, premium efficiency HVAC equipment, demand ventilation control, utility monitoring, non-zone depleting refrigerants, demand control variable volume air and water systems, instantaneous domestic hot water heating system, and low consumption plumbing fixtures.

Hale Boggs Building – 2nd Floor Judge’s Chambers

Responsible for mechanical design for this 3200 sq. ft. renovation including HVAC system, plumbing, and fire protection system modifications.

TEC Professional Services Questionnaire

L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.

PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

TEC Professional Services Questionnaire

M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.		
Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1.		
2.		
4.		
N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.		
<p>IMC Consulting Engineers, Inc. has enjoyed serving Jefferson Parish for over 30 years and has provided extensive electrical and mechanical work for the parish both as a prime consultant and as a sub-consultant. Relevant projects include MEP design for municipal, military, recreational, and emergency facilities. Specific to Jefferson Parish, in addition to the projects listed above, IMC designed and administered the construction for mechanical and/or electrical systems for the Yenni Building Generator Platform, Yenni Building Cooling Tower Replacement, and the addition of the standby of generator at First Parish Court, to name a few. Providing quality professional services to the municipal sector has been a key component of our company's success. Our experience serving this sector has afforded us the opportunity to understand the unique challenges this sector faces, namely budget constraints, operation costs, and the serviceable life that the systems are expected to provide.</p> <p>1. PROFESSIONAL TRAINING AND EXPERIENCE</p> <p>IMC Consulting Engineer's licensed <u>Electrical staff</u> includes Richard Nichols, P.E. (Principal, 30+ years of experience), Paul Vlosich, P.E. (Principal, 25+ years of experience), and Eric Schlosser, P.E. (10+ years of experience). IMC also employs three Electrical Designers:</p> <ul style="list-style-type: none"> • Daniel Walker (30+ years of experience) • Garret Fried (5+ years of experience) • Zachary Ferger <p>IMC's licensed <u>Mechanical staff</u> includes Eugene "Chip" Higbee, P.E. (Principal, 30+ years of experience), Matt Wender, P.E. (Principal, 15+ years of experience), Joseph Garon, P.E. (5+ years of experience), and Matthew Garon, P.E. (5+ years of experience). IMC also employs an additional Mechanical Designer, Russell Troncoso (3+ years of experience)</p>		

N. (continued) Use this space to provide any additional information or description of resources supporting firm's qualifications for the proposed project:

On a part-time basis, Louis Pastor, CIPE/CPD (40+ years of experience) continues to provide IMC with design assistance on selected projects. Louis specializes in plumbing engineering and is certified in that area.

All of IMC Engineers and Designers provide field observation & inspection of projects under construction on a regular basis.

All of our Engineers and Designers are required to obtain a minimum of 15 hours of professional development training each year, 8 of which must be associated with life safety training (NFPA 101, IBC, NFPA 72, NFPA 13, etc.), and at least 1 hour in professional ethics.

IMC is presently utilizing AutoCAD & Revit drafting software and a custom- designed template specifically tailored to electrical and mechanical system drafting. The original template was designed in 1988 and continues to be upgraded by IMC CAD personnel. IMC utilizes MS Word processing software for specifications and general correspondence and utilizes Microsoft Excel electronic spreadsheet for efficient calculations and tabulation of data.

2. SIZE OF FIRM

IMC is a 19-person firm specializing in Mechanical and Electrical design services. Our firm has relatively low overhead and prides itself on productivity. Our engineers and designers are involved in all aspects of the project from design to final observation, decreasing the total impact that a single project has to company resources, and allowing our engineers to take ownership of the projects they have designed.

3. CAPACITY FOR TIMELY COMPLETION OF NEWLY ASSIGNED WORK

Based upon our experience with past contracts with Jefferson Parish, we project that this contract would constitute less than 5% of our revenue in a given fiscal year. As such, we believe that IMC's staff of 19 can support the design effort required for the awarded work. IMC can easily staff the project with adept and tenured personnel. Our past experience with Jefferson Parish has proven that IMC has the capacity for timely completion of projects; we know of no instance where IMC was not able to deliver a project on time to Jefferson Parish.

4. PAST PERFORMANCE ON PROJECTS OF SIMILAR SIZE, SCOPE, AND SCALE

IMC has provided engineering services for many Jefferson Parish projects. All projects have been successfully completed, and we encourage review of our performance with Jefferson Parish personnel, Mr. Ryan Babcock (General Services) and Mr. Mark Drewes (Director of Public Works). Currently, IMC holds a miscellaneous mechanical and electrical engineering service contract with Jefferson Parish. In addition, IMC has designed and administered MEP projects for many state and federal municipalities, including the Louisiana Department of Transportation and Development, Louisiana Facility Planning and Control, LA. National Guard, GSA, and the U.S. Navy.

5. LOCATION OF PRINCIPAL OFFICE WHERE WORK WILL BE PERFORMED

IMC's only office is located in Jefferson Parish at 2714 Independence St., and many of our employees reside in Jefferson Parish. IMC has been located in Metairie since 1993. All mechanical and electrical design work will be performed from this office by staff presently with IMC.

6. ADVERSARIAL LEGAL PROCEEDINGS WITH JEFFERSON PARISH

IMC is not involved nor ever has been involved in litigation with Jefferson Parish.

7. PRIOR SUCCESSFUL COMPLETION OF PROJECTS OF THE TYPE & NATURE OF SERVICES

As we hope this questionnaire illustrates, IMC has successfully completed numerous projects in the 30+ years that we have been in business. For Jefferson Parish specifically, whether as a Prime consultant or as a sub-consultant to an Architect, IMC has designed Mechanical and Electrical systems for office buildings (Yenni Building), Convention Centers (Alario Center), libraries (Westbank Regional), and courthouses (First Parish Court), to name a few. Outside of Jefferson Parish, we have designed Mechanical and Electrical systems for Fire Stations, schools, a Sheriff's Office, and a Firing Range. IMC is typically a sub-consultant to an Architectural firm for these projects and believes that the repeat business we receive from those clients is the best indication of our performance, especially our success in completing the design of those projects.

We have enjoyed our relationship with Jefferson Parish over the past 30 years and sincerely believe that we have earned a good reputation with the Parish for delivering quality designs. We hope to continue to have the opportunity to work with Jefferson Parish in the upcoming years.

IMC is a small business as identified by U.S. Federal Standards.

O. To the best of my knowledge, the foregoing is an accurate statement of facts.

Signature: Paul A. Vlosich Print Name: Paul Vlosich, P.E.

Title: Principal Date: 6/08/2022

ECM Consultants, Inc.

1301 Clearview Parkway, Suite 200, Metairie, Louisiana 70001