



**STATEMENT OF QUALIFICATIONS**  
**PROFESSIONAL ARCHITECTURAL AND ENGINEERING**  
**SERVICES FOR ARCHITECTURAL TYPE PROJECTS**  
**JEFFERSON PARISH, LOUISIANA**  
**RESOLUTION No. 140999 | SOQ 23—001**



*Submitted To:*



**JEFFERSON PARISH PURCHASING DEPARTMENT**  
**ATTN: SHANNA FOLSE, 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](mailto:kazem@ecmconsultants.com)

*In association with:*

**IMC Consulting Engineers, Inc.**

**January 19, 2023**

**A. Project Name and Advertisement Resolution Number:**

**Professional Architectural and Engineering Services for Architectural Type Projects**  
**Resolution No. 140999 – SOQ 23 - 001**

**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](mailto: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](mailto:gwilliams@ecmconsultants.com)**

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

6 Administrative

1 Architects

0 Chemical Engineers

13 Civil Engineers

26 Construction Inspectors

0 Ecologists

1 Electrical Engineers

3 Engineer Intern

0 Professional Land Surveyors

0 Estimators

0 Geologists

0 Geotechnical Engineers

0 Interior Designers

0 Landscape Architects

0 Land Surveyor

2 Mechanical Engineers

0 Environmental Engineers

0 Specification Writers

3 Structural Engineers

0 Graduate Engineers

4 Project Managers

0 Clerical

0 Grant/Fund Specialists

0 Sanitary Engineers

**59 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. <b>IMC Consulting Engineers, Inc. 2714 Independence St. Metairie, LA 70006</b>	<b>Mechanical and Electrical Engineering</b>	<b>YES</b>
2.		
3.		

**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



## Jefferson Parish Department of Public Works

Subconsultants denoted by \*

### **ECM Consultants, Inc.** (Prime)

Principal

**Ujjal DasGupta, PE**

Contract Manager/POC

**Kazem Alikhani, PE**

Professional In Charge of Project

**Guy Williams, RA, NCARB, LEED**

Architectural

**Guy Williams, RA, NCARB**

Structural Engineering

**Sudhir Mehta, PE**  
**Kyle Kessler, PE**  
**Neil Logan, PE**

Mechanical/ Electrical  
Engineering

**Paul Vlosich, P.E.**  
(IMC/Electrical)\*  
**Richard Nichols, P.E.**  
(IMC/Electrical)  
**Matthew Wender, P.E.**  
(IMC/Mechanical)\*  
**Chip Higbee, P.E.**  
(IMC/Mechanical)\*  
**Heidi Gremillion, P.E.**  
(ECM /Mechanical)  
**Bruce Barton, P.E.**  
(ECM /Electrical)

Civil Engineering

**Sunina Shrestha, PE**  
**Chris Capretto, PE**  
**John Foley, PE**

Resident Inspection

**Warren Fiegel**  
**Emilio Rodriguez**

CAD Services

**Marvin May**

## 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 38 years of experience in architectural design, preparation of construction documents, and construction management for public agency and private sector projects. He is experienced in design 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.

**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.

**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.

**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:**

27

**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 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 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 Bonnabel 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:****6****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, 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:**

**Sudhir Mehta, P.E. – Structural Engineer**

**Project Assignment:**

**Structural Engineering**

**Name of Firm with which Associated:**

***ECM Consultants, Inc.***

**Years' experience with this Firm:**

**4**

**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)*
- BKL, *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:**

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:**

18

**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 50 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:**

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 25 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* (2019 - 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.

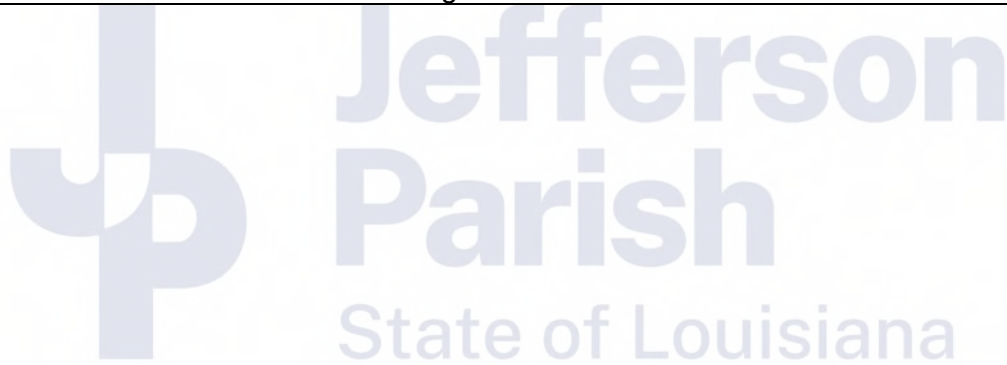
**2228 Gravier Street Apartments and Office Space, New Orleans, LA:** Ms. Gremillion served as Mechanical Engineer for this renovation project that included converting an existing 4 level historical school building into rental spaces. Approximately 22,000 square feet of space was converted into office 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 44 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* (2021 - 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 20 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)*

**Jefferson Parish Public Works Warehouse-DPW, Jefferson Parish, LA:** Mr. May provided CAD drafting for this project which involved preparation of plan and profiles, typical section, cross sections, intersection details, drainage structures details and miscellaneous details for two new additional lanes and plans, sections and details for widening of existing roadway. This project scope included cold planning, base repairs, curb repairs, drainage improvements, asphalt leveling and wearing course and striping for rehabilitation of the existing two-lane roadway. And excavations, embankment, base, curb and gutter, asphalt paving, drainage etc. for the two new lanes.

**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:**

**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 16 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 WINSLMM.

**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 nine 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:**
**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:**
**12**
**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* (2010 - 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><b>Jefferson Parish Public Works Warehouse Facility, Jefferson Parish, LA</b>  <b>1221 Elmwood Park Blvd.,</b>  <b>Jefferson, LA 70123</b></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><b>Key Personnel</b>  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>	
<b>Completion Date: (Actual or Estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
<b>2019 (A)</b>	<b>\$5 million</b>	<b>\$4.7 million</b>

PROJECT NO. 2		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>State Emergency Warehouse for GOHSEP at Camp Villere Slidell, LA</b></p> <p><b>Office of Facility Planning &amp; Control</b>  <b>1201 N. Third Street, Suite 7-210</b>  <b>Baton Rouge, LA 70802</b></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><b>Key Personnel</b>  Ujjal DasGupta, P.E.  Guy Williams, RA, NCARB  Neil Logan, P.E.  Marvin May</p> </div>	
<b>Completion Date: (Actual or Estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
<b>2010 (A)</b>	<b>\$1.5 Million</b>	<b>\$1.5 Million</b>

**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  
Sada Pethe, B.Arch.  
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><b>Esplanade Avenue Wharf, Governor Nicholls Wharf, and Nashville Shed "A" (Phase I and Phase II)</b>  <b>New Orleans, LA</b></p> <p><b>Port of New Orleans</b>  <b>1350 Port of New Orleans PI</b>  <b>New Orleans, LA 70160</b></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&amp;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> <div data-bbox="1084 1417 1523 1648"> <p><b>Key Personnel</b>  Ujjal DasGupta, P.E.  Guy Williams, RA, NCARB  Neil Logan, P.E.  Marvin May  Warren Fiegel</p> </div>	
Completion Date: (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<b>2013 (A)</b>	<b>\$8.7 million</b>	<b>\$ 8.7 million</b>

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>Data Center at Annex Administrative Building, New Orleans, LA</b>  <b>Jefferson Parish Public School System,</b>  <b>4600 River Road, Marrero, LA 70072</b></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>	
Completion Date: (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2017 (A)	\$3.7 Million	\$3.7 Million

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



**PROJECT NO. 6**

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:					
<p><b>On Call A-E Services for the Revitalization and Modernization of HANO Properties. Task Order 1 and 2, New Orleans, LA</b></p> <p><b>Housing Authority of New Orleans (HANO)</b></p>   	<p><b><u>Task Order 1 – Iberville Housing Development</u></b> 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"> <li>• \$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.</li> <li>• \$2 Million repairs to vacant units to include plumbing system, kitchen upgrades, repair flooring and walls and painting.</li> <li>• \$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.</li> </ul> <p><b><u>Task Order 2 – Guste High Rise</u></b> 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 data-bbox="1133 1570 1539 1774" style="background-color: #0056b3; color: white; padding: 10px;"> <p><b><u>Key Personnel</u></b>  Ujjal DasGupta, P.E.  Guy Williams, RA, NCARB  Marvin May  Emilio Rodriguez</p> </div>					
<b>Completion Date: (Actual or Estimated):</b> <b>2011 (A)</b>	<p style="text-align: center;"><b>Estimated Cost:</b></p> <table border="1" style="width: 100%;"> <tr> <td data-bbox="602 1808 1057 1864"><b>Entire Project:</b></td> <td data-bbox="1062 1808 1541 1864"><b>Work for which Firm was Responsible:</b></td> </tr> <tr> <td data-bbox="602 1864 1057 1892" style="text-align: center;"><b>\$14 Million</b></td> <td data-bbox="1062 1864 1541 1892" style="text-align: center;"><b>\$14 Million</b></td> </tr> </table>		<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>	<b>\$14 Million</b>	<b>\$14 Million</b>
<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>					
<b>\$14 Million</b>	<b>\$14 Million</b>					

**PROJECT NO. 7**

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>Hurricane Katrina Damage Repairs and Demolition at New Orleans Lakefront Airport New Orleans, LA</b></p> <p><b>Orleans Levee District</b>  <b>6920 Franklin Avenue</b>  <b>New Orleans, LA 70122</b></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&amp;E), construction administration, and resident inspection services.</p> <p>This contract included three projects:</p> <ol style="list-style-type: none"> <li>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.</li> <li>2. Repairs of engineering design for seven Lift Stations, Fuel Farm Containment Dike and Southwest Area drainage and Washrack Repairs.</li> <li>3. Repairs of the Hangar 101 which included bidding project in three different phases.</li> </ol> <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="1154 1591 1547 1755" style="background-color: #0056b3; color: white; padding: 10px;"> <p><b>Key Personnel</b>  Ujjal DasGupta, P.E.  Guy Williams, RA, NCARB  Marvin May</p> </div>	
<b>Completion Date: (Actual or Estimated):</b>  <b>2012 (A)</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>  <b>\$5.8 Million</b>	<b>Work for which Firm was Responsible:</b>  <b>\$5.8 Million</b>



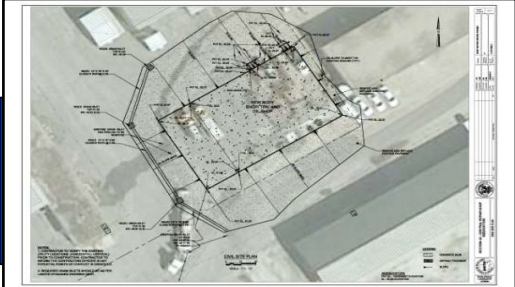


**PROJECT NO. 8**

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>A-E Services for Renovations at Various Schools</b>  <b>Jefferson Parish, LA</b></p> <p><b>Jefferson Parish School Board</b>  <b>501 Manhattan Blvd.</b>  <b>Harvey, LA 70058</b></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 6<sup>th</sup> and 7<sup>th</sup> 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"> <li>• Bonnabel High School</li> <li>• J.D. Meisler Middle School</li> <li>• Estelle Elementary School</li> <li>• Phoebe Hearst Elementary School</li> <li>• John Q. Adams Middle school</li> </ul>	
<b>Completion Date: (Actual or Estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
<b>2011 (A)</b>	<b>\$10 Million</b>	<b>\$10 Million</b>

**Key Personnel**  
 Ujjal DasGupta, P.E.  
 Guy Williams, RA, NCARB  
 Sada Pethe, B.Arch.  
 Marvin May

**PROJECT NO. 9**

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>LADOTD Retainer Contracts for Civil and Structural Design Services</b> Statewide, Louisiana</p> <p><b>LADOTD</b> P.O. Box 94245 Baton Rouge, LA 70604</p>   	<p><b><u>Franklinton Maintenance Building</u></b></p> <p>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><b><u>Central Repair Shop Renovations</u></b></p> <p>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><b><u>ADA Compliant Bathroom Facilities at Districts 03, 05, and 07</u></b></p> <p>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>	
	<p align="center"><b>Estimated Cost:</b></p>	
	<p align="center"><b>Entire Project:</b></p>	<p align="center"><b>Work for which Firm was Responsible:</b></p>
<p align="center"><b>Completion Date: (Actual or Estimated):</b></p> <p align="center"><b>2016(A)</b></p>	<p align="center"><b>N/A</b></p>	<p align="center"><b>NA</b></p>

**PROJECT NO. 10**

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>Demobilization of 4 Temporary Ascension Parish Public Schools, Ascension Parish, LA</b></p> <p><b>Ascension Public Schools</b>  <b>1100 Webster Street</b>  <b>Donaldsonville, LA 70346</b>  <b>225-257-2000</b></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"> <li>• <b>St. Amant High School, St. Amant, LA</b> <ul style="list-style-type: none"> <li>○ Removed 68,920 sf of building</li> <li>○ 11 building pods</li> <li>○ 16,652 sf of walkways</li> <li>○ Associated site work and infrastructure</li> </ul> </li> <li>• <b>Galvez Middle School, Prairieville, LA</b> <ul style="list-style-type: none"> <li>○ Removed 38,338 sf of building</li> <li>○ 8 building pods</li> <li>○ 13,167 sf of walkways</li> <li>○ Associated site work and infrastructure</li> <li>○</li> </ul> </li> <li>• <b>Lake Elementary School, St. Amant, LA</b> <ul style="list-style-type: none"> <li>○ Removed 71,011 sf of buildings</li> <li>○ 13 building pods</li> <li>○ 25,137 sf of walkways</li> </ul> </li> </ul> <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>	
<p><b>Completion Date: (Actual or Estimated):</b></p> <p><b>2018 (A)</b></p>	<b>Estimated Cost:</b>	
	<p><b>Entire Project:</b></p> <p><b>\$750,000</b></p>	<p><b>Work for which Firm was Responsible:</b></p> <p><b>\$750,000</b></p>

**Key Personnel**

Kazem Alikhani, P.E.  
 Guy Williams, RA, NCARB  
 Chris Capretto, P.E.  
 Marvin May



M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary <b>NONE</b>		
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 firm as sub-consultant:

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

**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 27 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.	Ujjal DasGupta, P.E. President LA License No. 19849 53 years' experience  Kazem Alikhani, P.E. Chief Executive Officer LA License No. 25073 43 years' experience
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 38 years' experience LA Licensed Architect, No. 3907 Professional in-charge of the Project

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

**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 **38 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.

**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.

**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.

**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.

## Evaluation Criteria

### 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:** 43 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.

### 2. SIZE OF FIRM

ECM has **59** 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.

ECM understands the requirements of successfully managing and executing contracts. Contracts will be staffed by personnel with the technical expertise, resources, and

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

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.

**3. CAPACITY FOR TIMELY COMPLETION OF WORK**

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"*

**4. PAST PERFORMANCE ON SIMILAR PROJECTS**

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 27 year history with the Parish speaks for itself on our past performance.

**5. LOCATION OF PRINCIPAL OFFICE**

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 subconsultant such as 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

**QUALITY CONTROL PLAN**

ECM Consultants, Inc. has an excellent quality control 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



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

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:   
Title: Chief Executive Officer (CEO )

Print Name: Kazem Alikhani, P.E.  
Date: 01/19/2023



**The Louisiana Professional Engineering and Land Surveying Board has the following information on file:**

Name:	Public Address:
ECM Consultants, Inc.	Mr. Ujjal DasGupta1301 Clearview Parkway, Suite 200 Metairie, Louisiana 70001

**License/Certificate Information w/ Supervision**

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0002003	Active	10/24/1995	03/31/2024	Mr. Ujjal DasGupta # PE.0019849 ; Mr. Kazem Hadjialikhani # PE.0025073

## **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:**

___ Administrative	___ Estimators	___ Specification Writers
___ Architects (Licensed)	___ Geologists	___ Structural Engineers
___ Chemical Engineers	___ Geotechnical Engineers	___ Graduate Engineers
___ Civil Engineers	___ Interior Designers	___ Project Managers
___ Construction Inspectors	___ Landscape Architects	___ Clerical
___ Ecologists	___ Land Surveyor	___ Grant/Funding Specialist
___ Electrical Engineers	___ Mechanical Engineers	___ Sanitary Engineers
___ Engineer Intern	___ Environmental Engineers	
___ Professional Land Surveyors	4 CAD Technicians	___ <b>TOTAL</b>

\*All of our Engineers are Specification Writers.

**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: N/A  
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:**



**Paul S. Vlosich, P.E.**

**Principal and Director of Municipal and Industrial Projects / Electrical Engineer**

***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.

**Assumption Parish – Water District No. 2 – New Administration Building**

Oversaw the design of the electrical power, lighting, communication, audio/visual, security, and fire alarm systems for this new 7,000 sq-ft administration building and acted as the Professional of Record for those systems. Design included full standby power for the building from existing generators and distribution equipment on site. Design for the board room within the building included an IP-based audio-visual system.

## TEC Professional Services Questionnaire

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

**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 knocked 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 serves as 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 meets 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-build 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.

**Avondale Library**

IMC provided MEP design services for 4,528 sq-ft library. Electrical design includes lighting, power, communication and new electrical service to building. Mechanical design included plumbing design, design for 2 AH units for the facility and a separate mini-split design for the IT room.

## TEC Professional Services Questionnaire

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



**Matthew Wender, P.E.**

**Principal and Mechanical Department Head / Mechanical Engineer**

***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-foot 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 back flow 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 back flow 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 also included the disconnection, raising and reconnection of an existing generator unit to minimize the risk of damage during a flood condition.

**Jefferson Parish HVAC Upgrades 11 Sites**

With funds secured through a State OCD HVAC Block Grant, IMC designed replacement systems and the associated electrical modifications for 11 Jefferson Parish sites' HVAC equipment. IMC provided request for proposal bid document specifications of equipment ranging from 2 to 20 ton capacity which included both packaged & split systems.

**TEC Professional Services Questionnaire**

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

**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 for 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 sq-ft 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 – 2<sup>nd</sup> Floor Judge’s Chambers**

Responsible for mechanical design for this 3,200 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

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

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

## TEC Professional Services Questionnaire

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

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

## TEC Professional Services Questionnaire

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

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

## TEC Professional Services Questionnaire

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

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



## TEC Professional Services Questionnaire

<b>M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary. N/A</b>		
<b>Parties:</b>		<b>Status/Result of Case:</b>
<b>Plaintiff:</b>	<b>Defendant:</b>	
1.		
2.		
4.		
<b>N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.</b>		
<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><b>1. PROFESSIONAL TRAINING AND EXPERIENCE</b></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 Electrical Designers Daniel Walker (30+ years of experience) and Garrett Fried (5+ years of experience).</p> <p>IMC's licensed Mechanical staff 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 Mechanical Designers Russell Troncoso (3+ years of experience) and Quynh Nguyen. 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.</p>		

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

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 an 18-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 18 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.

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

**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 subconsultant to an Architect, IMC has designed Mechanical and Electrical systems for office buildings (Yenni Building), Convention Centers (Alario Center), libraries (West Bank 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 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 S. Vlosich*

**Print Name:** Paul S. Vlosich

**Title:** Principal and Director of Municipal Projects

**Date:** 1/12/2023

**The Louisiana Professional Engineering and Land Surveying Board has the following information on file:**

Name:	Public Address:
IMC Consulting Engineers, Inc.	Ms. Liz Norton2714 Independence Street Metairie, Louisiana 70006

**License/Certificate Information w/ Supervision**

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0001470	Active	11/17/1988	03/31/2023	Mr. Eugene Fallis Higbee III # PE.0026162 ; Mr. Richard Earl Nichols # PE.0025896



***ECM Consultants, Inc.***

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