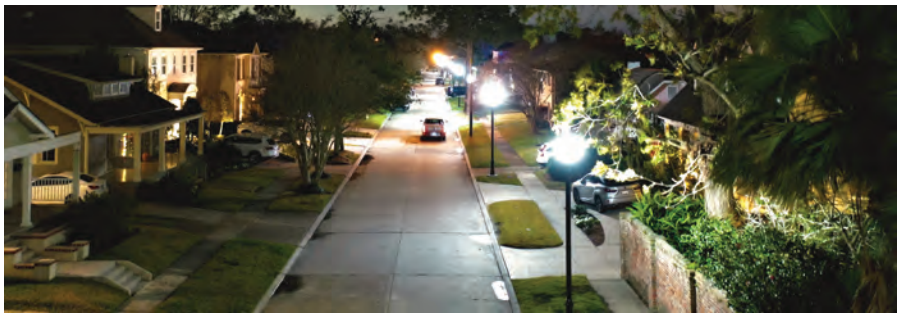
Infinity Engineering Consultants

Civil ∞ Structural ∞ Mechanical ∞ Electrical

Statement of Qualifications for Mechanical And Electrical Engineering Services

Jefferson Parish

State of Louisiana



Professional Mechanical and Electrical Engineering Services on As-Needed Basis

Infinity Engineering Consultants, LLC.

4001 Division Street
Metairie, LA 70002
504.304.0548

LAPELS Number:
0003109

Raoul V. Chauvin, III, P.E.
Principal Partner
p: 504.304.0548
f: 504.355.0265
rchauvin@infinityec.com

March 31, 2023

Infinity Engineering Consultants

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As-Needed Professional Mechanical and Electrical Engineering Services

Jefferson Parish
State of Louisiana

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Infinity Engineering Consultants

Letter of Interest

Jefferson Parish
State of Louisiana

(Lake Pontchartrain Elementary New Facilities MEP)

Section I
Letter of Interest

Infinity Engineering Consultants

Letter of Interest

Louisiana Registered Engineering Firm Number

Infinity Engineering Consultants, LLC.
EF. 0001309
Tax ID: 200836083

Office Location

4001 Division Street
Metairie, LA 70002
p. (504) 304-0548

Contact Persons

Raoul V. Chauvin, III, P.E.
Principal Partner
rchauvin@infinityec.com

William J. Thomassie, P.E.
Principal Partner
wthomassie@infinityec.com

March 31, 2023

Renny Simno
Director Jefferson Parish Purchasing
200 Derbigney Street, Suite 4400
Gretna, LA 70053

Re: Request for Qualification for Miscellaneous Mechanical and Electrical Engineering

Infinity Engineering Consultants, LLC is pleased to present our firm's qualifications to Jefferson Parish for the Miscellaneous Mechanical and Electrical Engineering services opportunity. Upon reading the published request for qualifications, we believe Infinity's team meets and exceeds the necessary qualifications to undertake any mechanical or electrical engineering designs that could be assigned by the Parish.

Understanding of Scope & Firm Qualifications

Infinity Engineering understands the scope of work to entail providing as-needed mechanical/electrical engineering designs and related services for Jefferson Parish. Having previously served as an engineering consulting firm for Jefferson Parish's as-needed mechanical and electrical list, Infinity is well acquainted with the types of projects that could be assigned. As part of the mechanical and electrical as-needed list, Infinity was selected and served as the prime consultant for the following projects:

- Laurel Street and Mistletoe Street Lift Station Rehabilitation
- Generator Transfer Switches at Gymnasium Disaster Shelters
- Helios Sewer Lift Station New Generator • Structural Engineering Services (If Called Upon)
- Avondale Street and Kennedy Heights Lift Station New Generator
- Colony Place Street Lighting

As a multi-disciplinary firm, Infinity's engineers are able to produce designs in open collaboration from project inception through construction completion. Infinity Engineering is ready to provide the following services to Jefferson Parish:

- Mechanical Engineering Services
- Electrical Engineering Services
- Civil Engineering Services (If Called Upon)
- Structural Engineering Services (If Called Upon)
- Construction Administration
- Resident Inspection
- Advanced Measurements

Infinity is proud of our reputation as being honest, reliable, and capable. As such, we have provided within our qualifications packet samples of reference letters that attest to our reputation. Pertinent resumes and project examples for the entire team are contained with out Infinity's TEC form. Additionally, it is important to note, due to our work in the petrochemical industry, we carry professional and general liability insurance that often exceeds that required by public agencies.

Firm State Licensing

We steadfastly confirm the following:

- Infinity Engineering Consultants, LLC. is owned and led by qualified, professional engineers:
  - Principal partners Raoul Chauvin, P.E. and William Thomassie, P.E. hold over 30 years of engineering experience
  - Principal partner Raoul Chauvin, P.E. holds 19 years of responsible charge in mechanical engineering
  - Both principal partners of Infinity are registered professionals in the State of Louisiana
- Infinity Engineering Consultants, LLC. is within good standing and does not have a history of substandard work
- The firm holds all licenses necessary to legally provide the related services in the State of Louisiana
- The lead professional for each engineering category will be a licensed professional in their respective field
  - John Lawerence, P.E. holds a minimum of five years of experience in electrical engineering
  - Laura Kelly, P.E. holds a minimum of five years of experience in mechanical engineering
- Infinity is a state-certified DBE and Hudson Initiative certificate holder.

Documents Enclosed

- Cover Letter
- Infinity TEC Form
- Letters of Recommendation

Closing

Infinity takes pride in the engineering consulting services we have provided to infrastructure projects throughout Jefferson Parish. We are confident that we have a team of engineers and design professionals that can effectively and efficiently execute any mechanical or electrical engineering task assigned by Jefferson Parish. We respectfully request the Evaluation Committee to select Infinity Engineering Consultants for the as-needed mechanical and electrical engineering services list so we can continue to work together to improve our Jefferson Parish communities.

If you have any questions or require additional information, please call me at (504) 304-0548.

Sincerely,

Raoul V. Chauvin, III, P.E.
Principal Partner
Infinity Engineering Consultants, LLC
(504) 304-0548
rchauvin@infinityec.com

Infinity Engineering, LLC.
Organizational Chart

Infinity Engineering Consultants

- Raoul V. Chauvin, III, P.E. — *Principal Partner*
- William J. Thomassie, P.E. — *Principal Partner*

Engineering and Operations

- Rachel Kenney, P.E. — *Chief Engineer*
  - Stacie Davenport — *Engineering Document Management*
- Louis Jackson, P.E. — *Operations & Quality Control Manager*
- Ghana Ford — *Executive Assistant*

Business Development & Marketing

- Chelsea Patin — *Business Development*
  - Andrew Herbert — *Marketing Coordinator*

Finance and Administration

- Rayna Guillot — *Contracts & Accounting Administrator*
  - Katherine Stephan — *HR Administrator*

- Eric Olson — *Drafting and Design Technical Manager*
  - Lavon West — *Senior Piping Designer*
  - Quoc Vu — *Designer*
  - Diana Babineaux — *Designer*
  - Jared Barcia — *Designer*
  - Roy Boudreaux — *Designer*
  - Tim O'Quinn — *Senior Drafter*
  - Frank Cherry — *Drafter*
  - Daniel Muhsin — *Drafter*

- Ricardo Contreras, P.E. — *Civil Engineering Technical Manager*
  - Cindy Gallo, P.E. — *Project Engineer - Structural*
  - Robert Haydel — *Project Designer - Civil*
  - Kevin Hurtt, E.I. — *Project Designer - Civil*
  - Caroline Christmas, E.I. — *Project Designer - Civil*
  - Michael Riviere, E.I. — *Project Designer - Civil*
  - Bryce Barrilleaux — *Project Designer - Civil*
- Laura Kelly, P.E. — *Mechanical Engineering Technical Manager*
  - Stephen Gholston, P.E. — *Project Engineer - Mechanical*
  - Brian Lauritsen, E.I. — *Project Designer - Mechanical*
- John Lawrence, P.E. — *Principal Electrical Engineer*
  - Gregory Lintinger, P.E. — *Project Engineer - Electrical*
  - Matthew Torres, P.E. — *Project Engineer - Electrical*
  - Bart Lacomb — *Project Designer - Electrical*
  - Dara Bird — *Project Intern - Electrical*
- Leon Vial — *Advanced Measurements Manager*
  - Ryan Petit — *Advanced Measurements Technician*
  - John Lawrence, Jr. — *Field Technician*
  - Rodeny Zeigler — *Construction Inspector*
  - Wayne Williams — *Construction Inspector*

Infinity Engineering Consultants

Infinity TEC Form

Jefferson Parish
State of Louisiana

(New Orleans East Hospital Expansion MEP)

Section II
Infinity Engineering TEC Form

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Professional Mechanical and Electrical Engineering Services
Resolution No. 141493 | SOQ 23-007

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

Infinity Engineering Consultants, LLC
4001 Division St.
Metairie, LA 70002

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:

Raoul V. Chauvin, III, P.E.
Principal
504-304-0548
rchauvin@infinityec.com

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.

Raoul V. Chauvin, III, P.E. Mechanical Engineering Supervisor 504-304-0548 rchauvin@infinityec.com	**John Lawrence, P.E.** Principal Electrical Engineer 504-304-0548 jlawrence@infinityec.com

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

5	Administrative		Estimators		Specification Writers
	Architects (Licensed)		Geologists	2	Structural Engineers
	Chemical Engineers		Geotechnical Engineers	3	Graduate Engineers
3	Civil Engineers		Interior Designers		Project Managers
5	Construction Inspectors		Landscape Architects	1	Clerical
	Ecologists		Land Surveyor		Grant/Funding Specialist
3	Electrical Engineers	3	Mechanical Engineers		Sanitary Engineers
4	Engineer Intern		Environmental Engineers	9	Drafting/Design
	Professional Land Surveyors			38	**TOTAL**

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

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

TEC Professional Services Questionnaire

G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical and financial) for each firm. Please attach additional pages if necessary.
1.
2.

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

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

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. Due to the "as-needed" nature of the contract and the specific scope has not been identified, no subconsultants are expected at this time. In the event sub consultants are required, Infinity will coordinate with Jefferson Parish to identify the appropriate firms.		
2.		
3.		
4.		
5.		
6.		

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

28 total Infinity personnel could assist in the completion of any assigned 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:

Raoul V. Chauvin, III, P.E.
Principal

Project Assignment:

Principal-in-Charge
Mechanical Engineering Advisor

Name of Firm with which Associated:

Infinity Engineering Consultants, LLC

Years' experience with this Firm:

19

Education: Degree(s)/Year/Specialization:

Bachelor of Science / 1990 / Mechanical Engineering

Active registration: Year first registered/discipline:

IA / 2018 / Mechanical	IL / 2018 / Mechanical	KY / 2018 / Mechanical
LA / 1999 / Mechanical	MI / 2018 / Mechanical	MN / 2018 / Mechanical
MS / 2007 / Mechanical	OH / 2018 / Mechanical	TN / 2018 / Mechanical
	TX / 2007 / Mechanical	

Other experience and qualifications relevant to the proposed Project:

Westbank Regional Library Chiller – Jefferson Parish, LA

Principal and Mechanical Engineering supervisor for the engineering design for the replacement and installation of the HVAC system. Designs included the replacement of a 100-ton chiller, circulation pumps, DDC controls, valves, compressors, and electrical components.

New Orleans Theater of the Performing Arts Facility Repairs – New Orleans, LA

Lead Mechanical Engineer for the $28MM emergency repair of the Mahalia Jackson Theater of Performing Arts damaged by Hurricanes Katrina and Rita. The project included assessment of mechanical damages due to flooding and wind, preparing plans and specifications for repairs, and construction administration. Engineering also included hazard mitigation design of components to protect equipment from future damage. The theater was deemed the most important building after the Superdome to be repaired by city administration post-Katrina.

Braithwaite Auditorium Design – Braithwaite, LA

Lead Mechanical Engineer for the mechanical and plumbing designs for the new 7,800 sqft auditorium. Designs included ductless split air conditioning system; two second floor independent mechanical systems; rooftop air conditioning unit with energy recovery ventilator; split system air conditioning system for kitchen/concessions and restroom areas; and wet pipe sprinkler system.

New Orleans East Hospital Expansion – New Orleans, LA

Principal and Mechanical Engineering Supervisor in charge of the remodeling of the Methodist Hospital. This project included the addition of an approximately 193,000 sq. ft., three-story structure to the existing six-story East Tower, designed using Revit. The design included ambulatory/emergency services, patient care, surgery, critical care, public, dietary, imaging, and associated support services. Site work included revisions to existing surface parking areas and new public utility entrances. The on-site fuel oil storage included a 30,000-gallon double-walled above-ground UL185 tank with a duplex transfer pump and double-walled fuel oil piping.

Regional Transit Authority Napoleon Building – New Orleans, LA
Principal and Mechanical Engineering Supervisor responsible for the **inspection of the mechanical, structural, plumbing, fire protection and electrical systems** of the 16,000 sq ft building and proposed underpinning of the foundation, repair of the walls and roof framing, as well as mechanical and electrical upgrades and repairs to this historic building.

Percy Griffin Community Center – Braithwaite, LA
Lead Mechanical Engineer for the **design of the new 14,000 square foot community building**. The building included office space, a community center, a full-service commercial kitchen, a meeting room, and several multi-purpose activity rooms.

Office of State Buildings Cooling Tower Replacement – Baton Rouge, LA
Lead Mechanical Engineer responsible for **project management and design of a 500-ton cooling tower** replacement, including pumps, valves, and piping. The replacement includes a new 10-ton steel support structure.

Jackson Square Renovations – New Orleans, LA
Principal and Mechanical Engineering Supervisor for the **mechanical, electrical, and civil renovations** to the historic Jackson Square in anticipation of the City of New Orleans' celebration of the tricentennial in 2018. The project includes the replacing all conduit, boxes, panels, etc. that supply power for the entire park, upgrades to power to include (4) new power panels, LED lighting and flood lighting, civil site repairs, automated irrigation system, cleaning and painting the fountain, replacement of all trash receptacles, replacement of park signage, and landscaping.

Patterson Pump Station Port of New Orleans – New Orleans, LA
Principal Engineer and Mechanical Engineering Supervisor for the design of removal and refurbishment of two vertical pumps; condition evaluation of two electric motors; replacement of the electrical system from the existing main breaker/disconnect; **establishment of a back-up generator**; design of walkway to access the discharge screen catwalk; and checking the elevation of the discharge piping against the flood protection requirement.

Buras Wastewater Treatment Plant Repairs – Buras, LA
Project Manager for the emergency repair of this wastewater treatment facility. The project **included assessment of mechanical, electrical, civil, and structural damages**, writing construction cost estimates for submittal to FEMA, preparing plans and specifications for repairs, and construction administration. The design of the Buras WWTP included the replacement design of the Primary and Secondary Clarifiers' mechanical and electrical systems and the Digester bio-gas flare system; and complete design for the replacement of a 3,000 sq. ft. steel maintenance building.

Ollie Basin Drainage Study and Pump Station Expansion – Jesuit Bend, LA
Lead Mechanical Engineer for a new $16.5MM 600 CFS drainage pump station addition. Evaluated existing pumps to determine suitability of present and future demands. Additional **fuel, air, and water supply systems** were designed to support the new pumps.


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Phone (225) 925-6291
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Mr. Raoul Vincent Chauvin III

License/Certificate Type - Number
PE.0028272

Expiration Date
03/31/2025

Status: Active

TEC Professional Services Questionnaire

K. KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

William J. Thomassie, P.E.
Principal

Project Assignment:

Principal-in-Charge;
Civil/Structural Engineering Advisor

Name of Firm with which Associated:

Infinity Engineering Consultants, LLC

Years' experience with this Firm:

19

Education: Degree(s)/Year/Specialization:

Bachelor of Science / 1992 / Civil/Structural Engineering

Active registration: Year first registered/discipline:

Professional Engineer – Civil Engineering

AL / 2009 / Civil	AR / 2016 / Civil	IA / 2018 / Civil	IL / 2018 / Civil
IN / 2018 / Civil	KY / 2018 / Civil	LA / 1997 / Civil	MI / 2018 / Civil
MN / 2018 / Civil	MS / 2006 / Civil	OH / 2006 / Civil	PA / 2007 / Civil
TN / 2018 / Civil	TX / 2002 / Civil	WV / 2004 / Civil	

Other experience and qualifications relevant to the proposed Project:

As Principal Partner of Infinity Engineering Consultants, William J. Thomassie, P.E. is one of the registered Supervising Professionals for the firm and is responsible for the management of all engineering production. Included in those responsibilities is the oversight of staff managers. Mr. Thomassie's 30+ year career has typically included supervision of multi-disciplinary projects. With many of these projects requiring up to $45,000,000 for installation or modifications, his guidance and shaping of project designs, along with construction support, enabled completion on schedule and with minimal adverse impact on commerce in the area. Mr. Thomassie's experience which would be relevant to Jefferson Parish's need for drainage conveyance and roadway rehabilitation includes:

Regional Transit Authority Canal Street Ferry Terminal Replacement – New Orleans, LA

Principal for the engineering design of the demolition and redevelopment of the Canal Street Ferry Terminal on the Mississippi River in New Orleans for the RTA. The project includes the construction of a new terminal building, reconfiguration of streetcar tracks, realignment of underground utilities, construction of a new wharf structure, and refurbishment and reconfiguration of a captive barge platform.

Jefferson Parish East Bank Maintenance Facility – Jefferson Parish, LA

Lead Structural Engineer for the new East Bank Maintenance Facility foundation and building. This two-story building was designed to serve as an emergency shelter for critical Parish personnel during hurricane season.

Plaquemines Parish Government O'Brien Fire Station – Plaquemines Parish, LA

Engineering Manager for the O'Brian Fire Station, a new facility designed to replace a fire station in Port Sulphur, LA. Infinity was responsible for the design of all structural, electrical, and mechanical systems associated with the fire house, including elevated platforms to protect the electrical and mechanical systems from flood.

St. James Parish Government Courthouse Structural Design – Convent, LA

Lead Structural Engineer for a new two-chamber courthouse. The project included the design of steel framing, masonry structures, and a pile support concrete foundation.

Baton Rouge State Office Building Cooling Tower Replacement – Baton Rouge, LA

Lead Structural Engineer for design a cooling tower platform. The project included new steel members and rehabilitated members from the old platform, grating, guard rail, handrail, and connections.

Mahalia Jackson Theater of Performing Arts – New Orleans, LA
Lead Civil/Structural Engineer for the emergency repair of the Mahalia Jackson Theater of Performing Arts in Orleans Parish. Engineered designs and incorporated components to mitigate future weather-related damage to equipment. Provided detailed structural design for new stage lift systems.

St. Bernard School Board Maintenance Facility – Chalmette, LA
Lead Structural Engineer for a new 100,000 sq. ft. maintenance facility and storage warehouse. Designs included steel framing, masonry structures, and a pile supported concrete foundation.

Delgado Community College Student Pavilion – New Orleans, LA
Supervised the complete structural design of the 1,164 sq ft new shelter. Structural designs included a timber pile foundation, welded hollow tubing sub-structure, and glulam timber super-structure/roof. The designs included a concrete walkway path leading to steps and an ADA ramp.

Facility Planning & Controls State Office Building Cooling Tower Replacement – Baton Rouge, LA
Lead Structural Engineer for design of a cooling tower platform. The project included new steel members, the removal of old steel members, and rehabilitating members from the old platform, grating, guard rail, handrail, and connections.

Plaquemines Parish Government Lake Hermitage Fire Station – Lake Hermitage, LA
Engineering Manager for the Lake Hermitage Fire Station, a new facility designed to replace a fire house destroyed by Hurricane Katrina. The fire station was located in a FEMA FIRM V-Zone, outside of hurricane protection levees, requiring intensive structural design. The final structure was a combination of concrete framework and structural steel clad with concrete masonry units.

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Mr. William John Thomassie

License/Certificate Type - Number
PE.0027421

Expiration Date
09/30/2023

Status: Active

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Louis Jackson, P.E.
Operations and Quality Control Manager – Civil Engineer

Project Assignment:

Quality Control Manager
Contract Manager

Name of Firm with which Associated:

Infinity Engineering Consultants, LLC

Years' experience with this Firm:

4

Education: Degree(s)/Year/Specialization:

Bachelor of Science / 1995 / Civil Engineering

Active registration: Year first registered/discipline:

Professional Engineer – Civil Engineering
LA / 2001 / Civil

Other experience and qualifications relevant to the proposed Project:

Drainage System Engineering Analysis Project - New Orleans, LA

As the project manager and engineer of record for the cleaning and CCTV inspection of over 550K LF of drain lines throughout the City of New Orleans, responsible for the development of an approach to determine appropriate pipe repair recommendations for pipes that were confirmed damaged by Hurricane Katrina. This included coordinating data collection and management efforts as well as working within a GIS environment to evaluate and create 60 reports with pipe repair recommendations.

City-Wide Drainage Master Plan – New Orleans, LA

Served as the project manager for the $2M City of New Orleans Drainage Master Plan Project. Project Management responsibilities included development of a detailed budget for completion of the project along with development of a detailed project work plan which addressed a multitude of project aspects, including communications and coordination of efforts and quality management. Post project activities have involved becoming a noticeable and credible resource to both governmental and non-governmental organizations seeking to further stormwater management.

Pontilly Stormwater HMGP Project – New Orleans, LA

Served as the senior project manager as well as task leader for the environmental assessment, permitting, cost estimating, and community outreach tasks for the Pontilly Stormwater HMGP Project. Responsibilities included development of initial and updated project budgets and schedules, completion of a preliminary and final Draft Environmental Assessment, participation in multiple formal and informal community meetings, and completion of required permit applications and cost estimates. Because of the nature of the project close coordination has been required across multiple agencies and departments who have a stake in the success of the project.

Broadmoor Drainage Upgrades and Green Infrastructure Project – New Orleans, LA

Senior project manager and lead engineer to guide a multi-disciplined team through the development of a schematic design report and schematic design documents for a project aimed at improving stormwater management within multiple New Orleans Neighborhoods on a very aggressive schedule. Responsibilities included managing landscape architects and civil engineers through the development of a systematic approach to improving the stormwater management aspects of the existing system, effectively increasing the capacity of the system at a lower cost than traditional methods.


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9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
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Mr. Louis Lamont Jackson

License/Certificate Type - Number: PE.0029314
Expiration Date: 03/31/2023
Status: Active

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Laura Kelly, P.E. Mechanical Engineering Manager
Project Assignment:
Mechanical Engineering Project Lead
Name of Firm with which Associated:
Infinity Engineering Consultants, LLC
Years' experience with this Firm:
5
Education: Degree(s)/Year/Specialization:
Bachelor of Science / 2008 / Mechanical Engineering
Active registration: Year first registered/discipline:
Professional Engineer – Mechanical Engineering LA / 2015 / Mechanical
Other experience and qualifications relevant to the proposed Project:

Facility, Planning & Control LSU Utility Infrastructure Science Zone – Baton Rouge, LA

Project manager responsible for leading a team to provide mechanical, civil, and electrical designs for the replacement and upgrades of existing utility infrastructure in the "Science Zone" on LSU's Baton Rouge campus. Project designs included **replacement and/or repairs to the chilled water**, drainage, steam & condensate, domestic water, **telecommunications, and electrical systems**. Project responsibilities included coordinating site visits, subconsultants for topographic and SUE survey and drainage investigation work, and meetings with FP&C, LSU, and other design teams for concurrent projects within the Science Zone. Additionally, led the project team in the development of detailed construction drawings, specifications, and opinions of probable cost.

Orleans Parish School Board Fisk Howard Pipe Replacement – New Orleans, LA

Project engineer responsible for project management as well as leading mechanical design team for the **replacement of chilled water piping** at the Fisk Howard School Building. Project responsibilities included developing drawings, specifications, and project documents for the replacement of a portion of the building's carbon steel chilled water piping with polypropylene piping. During bidding, assisted in the solicitation of bids.

Orleans Parish School Board Eisenhower Elementary School Boiler Replacement – New Orleans, LA

Project engineer responsible for project management as well as leading mechanical design team for the **replacement of two gas-fired boilers** at Eisenhower Elementary School. Project responsibilities included sizing and selecting replacement boilers as well as developing drawings, specifications, and project documents for the necessary piping modifications for installation of the new boilers. Assisted in the solicitation of bids and provided construction administration services including reviewing submittals, performing construction site visits, and responding to RFIs as required.

Plaquemines Parish Government Harbor of Refuge – Empire, LA

Project engineer responsible for **mechanical and plumbing designs for the new harbor master building** at Plaquemines Parish Government's Harbor of Refuge site, including equipment selection, development of opinion of probable cost, and editing of specifications. Design of the **HVAC system included load calculations, equipment selection, and ductwork layout**. Plumbing design included pipe sizing, fixture selection, equipment sizing, and piping layout for domestic water and waste and vent systems.

City of New Orleans Florida Desire Community Center – New Orleans, LA

Project Engineer responsible for HVAC and plumbing design for a new community center building, including equipment selection, development of opinion of probable cost, and editing of specifications. Design of the HVAC system included

load calculations, equipment selection, and ductwork layout. Plumbing design included pipe sizing, fixture selection, equipment sizing, and piping layout for **domestic water and waste and vent systems**.

St. Augustine High School Building Renovations – New Orleans, LA

Infinity Project Manager leading multi-disciplinary team in the MEP design upgrades for multiple historic buildings on St. Augustine High School's campus. The design package includes over two million dollars in upgrades to HVAC, plumbing, and electrical systems. HVAC designs include **a new VRV/VRF heating can cooling system** and dedicated outside air system.

RTA Napoleon Building Weatherization – New Orleans, LA

Project engineer responsible for mechanical and plumbing designs for the renovation of RTA's Napoleon Building. Project designs included the **addition of ventilation and heating**, addition of bathroom facilities, and **installation of a sprinkler system**. Project responsibilities included equipment selection, development of construction drawings, development of opinion of probable cost, and editing of specifications.

Criminal Evidence and Process Complex – New Orleans, LA

Project Engineer responsible for plumbing design for five-story building including toilet rooms, break rooms and crime lab areas. Plumbing design included **pipe sizing, fixture selection, equipment sizing**, and piping layout for domestic water, waste and vent, and roof drainage systems.

Jefferson Parish Water Department Generators – Marrero and Barataria, LA

Project engineer responsible for leading mechanical design team in engineering services associated with replacement of generators at two Jefferson Parish Water Department locations. At the Marrero site, designs were developed for the **addition of a second diesel fuel day tank and pump system**, as well as modifications to the engine cooling system. At the Barataria site, designs were developed for the replacement generator's refueling system.

Conway Bayou Drainage Pump Station Expansion – Sorrento, LA

Project engineer responsible for leading mechanical design team in engineering services associated with a proposed expansion of the Conway Bayou Drainage Pump Station in Sorrento, LA. The final design included two diesel-driven pumps with right angle gear drives and formed suction intakes, as well as modifications to the **diesel fuel storage and piping systems**. Project responsibilities included equipment sizing and selection, design of engine fueling system, and development of drawings, specifications, and project documents.

Shintech Water Intake Platform – Plaquemine, LA

Project engineer responsible for leading mechanical design team in engineering services associated with construction of a new water intake platform at Shintech's Plaquemine facility. Project designs included piping layouts and pipe support design. Project responsibilities included coordinating development of 3D model, drawings, and piping isometrics for construction. Assisted in the solicitation of bids. Performed construction administration services included submittal review and RFI responses.


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Phone (225) 925-6291
www.lapels.com

Mrs. Laura Eyman Kelly

License/Certificate Type - Number: PE.0039645
Expiration Date: 09/30/2023
Status: Active

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Stephen Gholston, P.E. Project Mechanical Engineer
Project Assignment:
Project Mechanical Engineer
Name of Firm with which Associated:
Infinity Engineering Consultants, LLC
Years' experience with this Firm:
1
Education: Degree(s)/Year/Specialization:
Bachelor of Science / 2000 / Mechanical Engineering
Active registration: Year first registered/discipline:
Professional Engineer – Mechanical Engineering LA / 2016 / Mechanical
Other experience and qualifications relevant to the proposed Project:

Dwight D. Eisenhower School Boiler Replacement – New Orleans, LA

Project Engineer responsible for mechanical engineering design of a **hydronic heating boiler removal and replacement** at a 50,000 SF elementary school. Project responsibilities included sizing calculations of the boilers, replacing expansion tank, **adding air separator, buffer tank, boiler room piping reconfiguration**, development of mechanical piping and equipment drawings as well as construction administration services.

St. Augustine High School Renovations – New Orleans, LA

Project Engineer responsible for mechanical engineering calculations and design of HVAC system. Project responsibilities included **sizing cooling and heating loads for all conditioned spaces** as well as ventilation requirements to bring the building up to code. A variable refrigerant flow system was chosen to heat and cool spaces due to limited existing space constraints; ducting was routed from split dedicated outdoor air units through the hallway and into spaces to deliver fresh air ventilation.

COVID-19 HVAC Improvements – St. John the Baptist Parish, LA

Project Engineer responsible for assisting St. John the Baptist Parish administration with a grant application and subsequent award to **improve HVAC systems** of public facilities to mitigate the spread of COVID-19. Responsibilities include research of existing HVAC systems, estimating the number of UV plasma ionization filters for retrofitting and estimating construction cost.

Tom Benson School HVAC – Jefferson Parish Schools

Engineer of Record responsible for plans and specifications of a **new HVAC system** for an 85,000 SF elementary school. Project responsibilities included sizing cooling and heating loads for all conditioned spaces as well as ventilation requirements to bring the building up to code. Rooftop units and a variable refrigerant flow system were chosen. Ducting was routed from rooftop units and dedicated outdoor air units through the hallway and into spaces to deliver fresh air ventilation.

Poree Embroidery Retail – New Orleans, LA

Engineer of Record responsible for drawings and specifications of HVAC and plumbing system for a commercial building consisting of apartments, a retail space, and a studio space. Project responsibilities included **sizing cooling and heating loads, selecting equipment, and designing plumbing and ductwork systems**.

Previous Experience

PONTCHARTRAIN MECHANICAL CO. – New Orleans, LA JUNE 2021- NOV. 2021
Mechanical Engineer
Engineering, Drafting and 3D Modeling of HVAC and Plumbing systems using Revit to create and coordinate construction documents with fabrication level detail.

SYNERGY CONSULTING ENGINEERS – New Orleans, LA JULY 2020 - JUNE 2021
Plumbing and Fire Protection Engineer
Mechanical Engineer performing Plumbing and delegated Fire Protection design and drafting for commercial construction projects.

EMB CONSULTING ENGINEERS – New Orleans, LA 2017 - JULY 2020
Mechanical Design Engineer
Mechanical Engineer performing HVAC and plumbing design and drafting for commercial construction projects.

JACOBS TECHNOLOGY / LOCKHEED MARTIN – New Orleans, LA 2007 - 2016
Mechanical Design Engineer
Mechanical Engineer performing various engineering duties associated with the design of new facilities at NASA's Michoud Assembly Facility.

JACOBS/LINDER – New Orleans, LA 2004 - 2007
Project Engineer
Mechanical Engineer performing engineering duties associated with the design of oil and gas related facilities.


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Mr. Stephen James Gholston

License/Certificate Type - Number
PE.0041257

Expiration Date
03/31/2025

Status: Active

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Brian Lauritsen, E.I. Project Mechanical Designer
Project Assignment:
Project Mechanical Designer
Name of Firm with which Associated:
Infinity Engineering Consultants, LLC
Years' experience with this Firm:
2
Education: Degree(s)/Year/Specialization:
Bachelor of Science / 2019 / Mechanical Engineering
Active registration: Year first registered/discipline:
Engineering Intern LA / 2020 / Mechanical
Other experience and qualifications relevant to the proposed Project:

Dwight D. Eisenhower Charter School Boiler Replacement – New Orleans, LA

As part of Infinity's mechanical team, assisted in the design of a hydronic heating boiler removal and replacement at a 50,000 SF elementary school. Project responsibilities included assisting in sizing calculations of the boilers, replacing expansion tank, adding air separator, boiler room piping reconfiguration, development of **mechanical piping and equipment drawings,** as well as construction administration services.

NOPD Criminal Evidence and Processing Complex – New Orleans, LA

Under the direction of Infinity's engineer of record, assisted in the **design of the oil separator tank system and outdoor plumbing facilities**. Project responsibilities also included assisting in the sizing venting and drainage lines from oil separator tank into sanitary system and sizing an instant hot water heater for outdoor use. Additionally, responded to mechanical/plumbing related contractor submittals.

Port of New Orleans Napoleon-Nashville Fire Pump Building – New Orleans, LA

As part of Infinity's mechanical team, assisted in the design of **ventilation and heating improvements** to keep the building from exceeding and dropping below extreme temperatures. Under the direction of the engineer of record, ventilation calculations were performed to exhaust combustible vapors, as well as supplying a diesel pump engine with adequate combustion air. Also responsible for assisting with laser scanning to document existing facility structures.

Plaquemines Port Port-Ship Service Marine Dock – Belle Chasse, LA

As part of Infinity's mechanical team assisted in the design of **the indoor plumbing system and fuel filling station**. Under the direction of Infinity's engineer of record, assisted in developing and issuing complete plumbing and drainage piping construction documents. A remote-fuel filling system was also designed for a diesel tanker truck to offload diesel fuel into a holding tank.

COVID-19 HVAC Improvements – St. John the Baptist Parish, LA

As part of Infinity's mechanical team, assisted St. John the Baptist Parish administration with a grant application to improve HVAC systems of public facilities to mitigate the spread of COVID-19. Assisted in research of existing HVAC systems capacity, estimating the number of UV plasma ionization filters for retrofitting, and estimating construction cost.


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Mr. Brian Hamilton Lauritsen

License/Certificate Type - Number: EI.0034395
Expiration Date: 09/30/2023
Status: Active

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Gregory Lintinger, P.E. Senior Electrical Project Engineer
Project Assignment:
Electrical Project Engineer Electrical Power & Controls
Name of Firm with which Associated:
Infinity Engineering Consultants, LLC
Years' experience with this Firm:
11
Education: Degree(s)/Year/Specialization:
Bachelor of Science / 1985 / Electrical Engineering
Active registration: Year first registered/discipline:
Professional Engineer – Electrical Engineering LA / 1995 / Electrical
Other experience and qualifications relevant to the proposed Project:

Orleans Parish Hospital Services District A – New Orleans East Hospital

Electrical Engineering Manager for the electrical design of the on-site storage of electrical, water, sewer, medical gas, fuel oil, fiber and natural gas utilities from the project boundary to the utility access points, e.g. transformers, switches, parking area and helipad lighting and controls, which included the underground electrical utility and switchgear.

St. John the Baptist School Board Lake Pontchartrain Elementary School – Laplace, LA

Electrical Engineering Manager responsible for supervision of electrical systems design-engineering of the new elementary school including, lighting, lighting controls, emergency lighting, power distribution system, HVAC Chiller System with VAV units, and air handling systems power, fire alarm system, fiber optic back boned data and communications, site lighting, intercom and clock system, smart boards, security, and CCTV.

Municipal Traffic Courts Building – New Orleans, LA

Electrical Engineering Manager for the New Orleans Municipal-Traffic Court Building Renovations, including construction documents in development, electrical lighting, power, fire alarm and detection modifications, public address, data, telephone, and special systems. Designs included developing main service equipment and panel details; determining service size and resulting fault currents; placement of all life safety devices; interior lighting and power plans; and interior signs and emergency lighting.

Department of Veterans Affairs Camp Villere Armory VA Cemetery – Slidell, LA

Electrical Engineering Manager for the electrical design of (3) new buildings on site at the new Veterans Cemetery at Camp Villere National Guard Armory in Slidell, Louisiana. Designs include a 3100 sq ft administrative building, a 5200 sqft. vehicle maintenance and storage facility, 750 sq ft committal shelter, two sewer package plants and fuel storage dispensing systems.

South Galvez Street Lighting – New Orleans, LA

Responsible for electrical design, specification development, development of drawings, and related construction administration for the new street lighting on South Galvez Boulevard. The design included energy efficient, LED luminaires on 30' round tapered steel poles with single arms, concrete pole foundations with underground power distribution, and static grounding for lightening protection.

Canal Street/City Park Avenue Intersection Improvements - New Orleans, Louisiana

Responsible for the voltage drop study for the additional DC power for the streetcars, design of the streetcar traffic control system, and **lighting and power distribution for the new terminal** and streetcar line extension along Canal Street.

City of New Orleans Jackson Square Renovations – New Orleans, LA

Electrical Engineering Manager responsible for supervision of electrical engineering teams' fast review of the existing electrical systems for the historic square. Electrical systems to provide power for festival events, stage events, power to the four quadrants of the square, renovation of the existing fountain's pump system and lighting, refurbish existing historic gas lanterns to **LED lamp systems, new automated sprinkler system, new power distribution system** from local utility underground network system.

Jefferson Parish Government Westbank Emergency Operation Center Tower Installation

Electrical Engineering Manager for the Westbank Emergency Operations Center Tower Relocation Project. The designs include **new radio and antenna tower**, communications building construction documents, **electrical lighting, power, fire alarm and detection**, communications radio equipment racks, uninterruptable power system, generator, SCADA interfaces, data, telephone, and special systems.

City of Slidell Emergency Operations Center & Safe Room – Slidell, LA

Electrical Engineering Manager responsible for preparation of preliminary electrical systems design-engineering of the new facility school including, lighting, lighting controls, emergency lighting, power distribution system, stand-by generator and automatic transfer systems, uninterruptable power system (UPS), HVAC System and air handling systems power, fire alarm system, fiber optic back boned data and communications, site lighting, security, and special systems.

New Orleans Armstrong International Airport New North Terminal Facility Review – Kenner, LA

Electrical Engineering Manager responsible for supervision of electrical engineering teams fast tract peer review of the electrical systems design-engineering of the **new terminal facility including, lighting, emergency lighting, power substation, generators, UPS, power and tele/data.**

Landfill Leachate Collection System Rehabilitation – Jefferson Parish, LA

Electrical Engineering Manager responsible for the supervision of designs for the rehabilitation of the existing high voltage electrical distribution system throughout the facility. All existing equipment was inspected, and designs were implemented to provide a safe and reliable electrical system for the existing service equipment. A new lift station was also designed including a backup generator for the site drainage.

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Mr. Gregory John Lintinger Sr.

License/Certificate Type - Number
PE.0023878

Expiration Date
09/30/2024

Status: Active

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

John C. Lawrence, P.E.
Senior Electrical Project Engineer

Project Assignment:

Senior Electrical Project Engineer

Name of Firm with which Associated:

Infinity Engineering Consultants, LLC

Years' experience with this Firm:

<1

Education: Degree(s)/Year/Specialization:

Bachelor of Science / 1990 / Electrical Engineering

Active registration: Year first registered/discipline:

Professional Engineer – Electrical Engineering
LA/1998/Electrical

Other experience and qualifications relevant to the proposed Project:

Mr. Lawrence holds over 32 years of experience in electrical engineering, project management, quality control and supervision of electrical design. Over the years, Mr. Lawrence has worked on numerous projects involving the installation of generators, lighting, and instrumentation. Mr. Lawrence's electrical engineering expertise comes a vast knowledge of power and control systems, SCADA technology, and electrical instrumentation for a wide range of utility infrastructure. As Infinity's Principal Electrical Engineer, Mr. Lawrence is responsible for electrical scope development, schedule coordination, budgeting, estimating, and cost control.

Previous Experience

Phillips 66 Alliance Refinery – New Orleans, LA

Project manager / Sr. Lead Electrical Engineer Phillips 66 Alliance Refinery for multiple projects ranging from $100 thousand to $16 million. Responsible for AFE packages, engineering oversight on multiple projects, writing project scoping documents, and design quality reviews. Work on and prepare FEL 1, 2 and 3 packages (stage gate process), select vendors, and negotiate contracts. Oversee the work of junior engineers, designers and drafters driving quality and executing projects on time and under budget.

List of major projects completed at Phillips:

- Unit 592 acid gas SIL-2 system installation
- Project manager and lead engineer 230kV substation including two 230kV to 34.5kV, 120MVA transformers, switchyard, and switchgear building.
- Multiple UPS replacement projects and load realignment
- Lead Engineer 4160V substation realignment project
- Post hurricane IDA recovery to provide temporary generators at substation buildings and rebuilding 5kV and 480V switchgear

AECOM – New Orleans, LA

Sr. Electrical Engineer / Supervisor AECOM New Orleans, responsible for engineering oversight and design on multiple projects, writing project scoping documents, project estimates and design quality reviews. Used Microsoft Project to develop project timelines and schedules. Worked on and prepared FEL 1, 2 and 3 budget requests (stage gate process), selected vendors, and negotiated contracts. Reviewed the work of junior engineers, designers and drafters driving for quality. Conducted interviews made hiring recommendations, performance reviews and timesheet approvals.

List of major projects completed at AECOM:

- Substation, Transmission and Distribution major maintenance projects Scoville Power and Light, ID
- Selenium reduction unit for Holly Frontier refinery in Cheyenne, WY
- Flue gas desulfurization modifications for Santee Cooper Winayh 1, 2 3 & 4 steam generating plants
- CO2 Compressor installation for Cornerstone Chemicals in Waggaman, Louisiana
- Bottom ash dewatering project for TVA Shawnee power generating plant in Kentucky
- Bottom ash dewatering project for First Energy power generating plant in Pennsylvania

Entergy Corporation – New Orleans, LA

Sr. Electrical Engineer / Project Manager for electrical power plant capital projects and operation and maintenance projects. Directed and coordinated the work of contractors, Entergy craft employees, junior engineers, designers, and drafters. Prepared scopes of work, project specifications and was responsible for writing contracts and contract management. Responsible for making sure the management of change process (MOC) was followed during projects. Reported progress to management regarding financials, safety, and work progress. Ensured the projects were completed under budget and on time with safety as a top priority.

List of major projects completed while at Entergy:

- Nine Mile Unit 4 Generator 900MVA Step up Transformer Replacement
- Nine Mile Unit 6 combined cycle generation plant construction assistance.
- Michoud auxiliary boiler demolition

MS Benbow and Associates – Metairie, LA

Sr. Project Electrical Engineer Coordinated and directed the work of junior engineers, designers, and drafters. Prepared proposals for new projects using Microsoft Office as well as engineering specific software such as E-Tap and SKM to perform load flow, motor starting, short circuit and arc flash analysis. Participated in P&ID reviews and HAZOP reviews. Coordinated and balanced the needs of the client while meeting the requirements of the National Electric Code (NEC) American Petroleum Institute (API) and other National Fire Protection Association (NFPA) requirements and monitoring the electrical budgets for various projects. Performed short circuit, coordination, and arc flash studies.

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Mr. John Cyprian Lawrence

License/Certificate Type - Number
PE.0027941

Expiration Date
09/30/2024

Status: Active

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Matthew Torres, P.E. Electrical Project Engineer
Project Assignment:
Electrical Project Engineer
Name of Firm with which Associated:
Infinity Engineering Consultants, LLC
Years' experience with this Firm:
<1
Education: Degree(s)/Year/Specialization:
Bachelor of Science / 2017 / Electrical
Active registration: Year first registered/discipline:
Professional Engineer – Electrical Engineering LA/2022/Electrical
Other experience and qualifications relevant to the proposed Project:

Infinity Engineering Experience

Avondale North Sewer Lift Station Generator – Avondale, LA

Lead Electrical Engineer responsible for the generator and power system replacement design for the lift station. Project task included generator and electrical equipment sizing calculation, development of engineering design package including one line and equipment drawing, equipment specifications, and scope of work,

Previous Experience (Fluor Government Group)

NuScale Small Modular Reactor Standard Plant Design – Houston, TX

Project Engineer working with a team of multiple disciplines to develop the standard design for 460MWe NuScale Power Module Plant. The plant was to utilize six NuScale Power Modules to achieve 460Mwe and be capable of Black Start and Island Mode Operation. Responsibilities were identifying all electrical loads in Turbine Island and creating a load list, development of process control narratives for medium and high voltage system, Grounding study for a 230kV switchyard, and putting together RFQ packages.

Surplus Plutonium Disposition Project – Savannah River Nuclear Site, SC

Project Engineer Responsible for Lighting & Small power for the design of the Surplus Plutonium Disposition project. The project was to add three gloveboxes to the laboratory facility to increase processing capacity for down blending of the 34 metric tons of excess plutonium stored at the Savannah River Site. Task included developing a schedule for my engineering package and managing the budget. Oversaw a small team of electrical and structural engineers to develop the lighting and small power systems for the laboratory. This was a meticulous task to ensure all nuclear safety requirements were achieved and all calculations were performed to back them up.

POTBA LyondellBasell – Houston, TX

Project Engineer working on a multidiscipline project team for the EPC of a $3.1B plastics facility for LyondellBasell. The electrical system design for this plant consisted of a 138kV switchyard and eight substations for the distribution of power at 13.8kV, 4.16kV, and 480V. Responsibilities were maintaining the electrical load list throughout the project, one line development, cable schedules, equipment list, RFQ & PO packages, elementary diagrams, vendor drawing review, factory acceptance testing, electrical system and arc flash studies.


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Mr. Matthew Ellis Torres

License/Certificate Type - Number: PE.0047208
Expiration Date: 03/31/2025
Status: Active

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Bart Lacomb Electrical Project Designer
Project Assignment:
Electrical & Instrumentation Designer
Name of Firm with which Associated:
Infinity Engineering Consultants, LLC
Years' experience with this Firm:
3
Education: Degree(s)/Year/Specialization:
Bachelor of Science / 2007 / Electrical
Active registration: Year first registered/discipline:
N/A
Other experience and qualifications relevant to the proposed Project:

Lakefront Airport Generator Modifications - New Orleans, LA

Participated as a project manager for the power distribution study to modify the existing generator electrical system. The project goal was to prioritize the loads that were connected to the existing generator and evaluate the possibility of adding additional equipment to the existing generator. Under the direction of Infinity's engineer of record, electrical designs included a load study for the entire facility to determine installing generators for the entire facility in the future.

Port of St. Bernard Communications Building - Chalmette, LA

As part of the Infinity electrical team, contributed towards electrical design and development of drawings for a new communication building to tie into an existing communications tower. Coordinated with Entergy for new electrical service requirements. Infinity's designs included service entrance with generator connection, general lighting, safety lighting, and grounding to Motorola R56 standards for communications centers.

Shintech Water Intake Platform - Plaquemine, LA

As part of the Infinity electrical team, assisted in the electrical and instrumentation design for construction of a new river water pumping platform. Infinity's electrical design included the main electrical service connection to plant electrical, cable tray design, platform distribution involving a 480V panelboard, stepdown transformer and panel for servicing lighting and receptacles and lighting design. Under the direction of Infinity's engineer of record, the instrumentation designs included connection to plant instrumentation, platform distribution involving instrument junction boxes and instrument cable tray required for integration for platform instruments.

Dillard University Campus Improvements – New Orleans, LA

As part of the Infinity electrical team assisted in the electrical design and development of drawings for a campus improvements project involving new guard shacks at entrances including security access, widening of roadways and new lighting for frontal landscape. Under the direction of Infinity's engineer of record, the designs included site and landscape lighting, a new security and access system with new cameras, and sizing of electrical cables and low voltage cables.

Plaquemines Parish Harbor of Refuge – Empire, LA

As part of the Infinity electrical team assisted in the electrical design and development of drawings for new grounds development involving a new building for an office and restrooms with sewage treatment, pavilions, and picnic areas for purpose of fisherman's market and camp sites with RV connections. Under the direction of Infinity's engineer of record, the electrical designs included the main electrical service, site and boat slip lighting, and distribution involving stepdown transformers for servicing the main building, campsites, and pavilions.

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:	
Canal Street Ferry Terminal Design and Construction New Orleans, LA New Orleans Regional Transit Authority Darrell LaFrance 504-827-8393	The RTA Canal Street Ferry Terminal offers ferry access to Algiers, LA on the opposite bank of the Mississippi River. Previously utilized for vehicles, the ferry has since been repurposed to focus solely on pedestrian traffic. The RTA selected Infinity Engineering to be the prime consultant to design the reconfiguration of the terminal specifically for foot traffic. Per the conceptual drawings, the new terminal includes a new dock structure to infill the space between the two neighboring wharf structures where the current ferry terminal is located. Infinity provided engineering designs and development of construction drawings for selected portions of this project, which included the following design elements: • Area Lighting – Decorative Lighting for Canopy and Pedestrian Areas • Electrical Design for Powering New Terminal • Design of New Wharf Structure • New Ferry Terminal Building Structural Designs • Ferry Terminal HVAC & Plumbing Designs • Subsurface Utility Relocation Designs • Demolition Plans 	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
May 2023 (E)	$32,000,000	$32,000,000

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Braithwaite Auditorium Design Braithwaite, LA Plaquemines Parish Government Byron Williams 504-297-5560	Infinity engineering and hazard mitigation design services for the new 7,800 sq ft auditorium. This FEMA-funded project replaced the previous Braithwaite Auditorium. Infinity's services included all structural, electrical, mechanical, fire protection and plumbing components, as well as construction administration, for the new auditorium. The new building features a 6,500 sq. ft. open auditorium and stage area, catering kitchen/concession space, and restrooms. The finished floor is elevated 21 feet above the Advisory Base Flood Elevation (ABFE). For the mechanical HVAC design, an elevator lobby is located on the ground level with a ductless split air conditioning system. The second level is conditioned via two independent mechanical systems. The auditorium and stage are conditioned via a rooftop air conditioning unit with an energy recovery ventilator providing fresh air. The kitchen/concessions area and restroom are conditioned via a split system air conditioning system. The building is protected with a wet pipe sprinkler system. 	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
Completed: 2012	$2,800,000	$1,100,000

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Harbor of Refuge Design & Construction Jesuit Bend, LA Plaquemines Parish Government John Helmers 504-934-6297	Infinity has been serving as the prime consultant to provide engineering and design services associated with the development of a harbor of refuge for commercial fishing vessels in Empire, LA. The project area consists of approximately 16 acres of land and surface water located off Hwy 23 south of the Empire Mississippi River Locks. The aim of the project is to develop a facility that will serve as a harbor of refuge for 30 to 50 vessels during adverse weather, while also providing opportunities to support the growth of the Plaquemines Parish fishing economy. The newly built facilities will provide opportunities for small recreational gatherings as well as educational elements about the importance of coastal protection and restoration to the State of Louisiana. The project includes the following civil, structural, mechanical, and electrical design elements: • New Harbor Master Building • 20,000 SF Open Air Pavilion • Storage for 50+ fishing vessels • HVAC / Plumbing Design and Equipment Selection for Harbor Building • On-Site Wastewater Treatment • Electrical Power Service & Distribution • Interior & Exterior Lighting Plans 	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
March 2023	$4,100,000	$4,100,000

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Port of New Orleans Elmwood Warehouse Renovation Harahan, LA Port of New Orleans Christine Nguyen 504-528-3416	Infinity served as the prime consultant for the design of the warehouse renovation which included civil/structural, mechanical, and electrical engineering. Infinity provided a 3D scan of the interior of the warehouse. Construction administration services included coordinating with the selected contractor, performing submittal review, reviewing, and responding to RFIs. Infinity was responsible for the following design tasks: 1. Civil Design: Civil design components consisted of updating the roof system (10,000 sf), pavement design to accommodate the turning radius of vehicles classified as WB-67, and repairing concrete. 2. Structural Design: Structural design components consisted of walls that are 16.5' in height, exterior wall demolition to provide overhead doors (20'X12') and personnel doors (2). Additionally replacing the exterior wall where the old overhead door was located. 3. Mechanical Design: Engineering of the new duct configuration, HVAC design, and consisted of calculating ventilation and heat load. Preforming a code review on the warehouse unit, relocating the existing sprinkler system. As well as provide CO and NO2 monitors with louvers. 	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
Completed: 2021	$1,400,000	$1,400,000

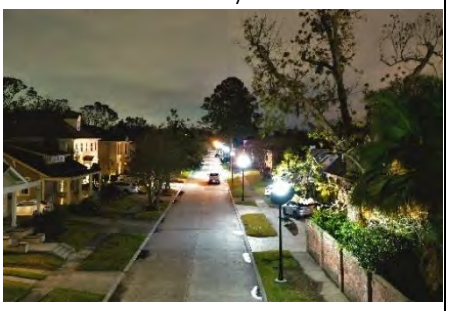
TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Jefferson Parish Water Department New Electrical Generators Marrero and Lafitte, LA Jefferson Parish Government Sidney Bazley 504-736-6060	Infinity is the prime consultant for the **design and installation of new backup power generators** for two Jefferson Parish water plants, one in Marrero, LA and the other in Lafitte, LA. Additional to the electrical engineering designs, through commissioning of the generators, Infinity will be providing construction administration services. For the Marrero Water Facility, Infinity's electrical engineering designs include: • Two new 1MW diesel generators to replace the existing backup power sources • New diesel day tank to work in conjunction with the existing 20,000-gallon diesel fuel system • New feeders leading from the switch gear to the new generators • **Updated operation controls and SCADA system** For the Lafitte Water Facility, Infinity's electrical engineering include: • Removal of the existing diesel generator and belly tank • New Caterpillar 240kW generator with **three-day diesel belly tank** • Reconnecting existing electrical appurtenances to the new generator *Photographs of Original Generators 	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
Entering Construction Phase	$2,200,000	$2,200,000

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Washington Parish Emergency Operations Center Franklinton, Louisiana Washington Parish Government 805 Pearl Street Franklinton, LA 70438 985-839-7825	For this FEMA-funded project, Infinity provided structural, mechanical, and electrical engineering and related construction administration for the 400' tower. Additionally, Infinity provided mechanical, plumbing, fire protection, electrical, and structural engineering, and related construction administration for the 5,000 sq ft Emergency Operations Center steel and pre-cast concrete building. Designs also included **SCADA systems to monitor normal, emergency generator, and uninterruptable power.** Electrical design also included: • Normal utility power at 480Y/277 VAC • 3 phase, 4 wire system 400 Amperes • **400 Ampere automatic transfer switch (ATS)** • 60 kW, 480/277 VAC • **Diesel power generator and 50kW uninterruptable power supply (UPS)** for instantaneous supply of the radio, communications, data, and other critical equipment at the facility. 	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
Completed: 2013	$2,950,000	$1,327,000

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Landfill Leachate System & Lift Station Generator Waggaman, LA Jefferson Parish Government 4901 Jefferson Hwy. Jefferson, LA 70123 Mike Lockwood 504-736-6440	Infinity was the prime consultant for the electrical, civil, and structural design of improvements to the leachate system. The electrical designs included a new 150kW 480/277VAC, 3ph, 4W, backup generator and automatic transfer switch. The new generator was pad mounted near the electrical service equipment and included and automatic transfer switch. The new generator feeder ties into the line side of the primary breaker in the existing service equipment cabinet via the use of a new service rated automatic transfer switch (ATS) installed near the existing distribution equipment. Existing Entergy feeders also tie into a new 400A Service Rated ATS, and new conduit & wiring was routed from the new ATS to the existing service distribution system. The upgrades and repairs of the electrical supply and distribution within the Landfill included: • Install a diesel back-up generator at leachate Lift Station No. 2 for the purposes of providing power to the Lift Station pump • Re-wire pump control panels; re-seal enclosures; replace conduit • Remove (3) transformers; replace with (2) new transformers • Replace fuses with circuit breakers in main office panel 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	**Work for which Firm was Responsible:**
Completed: 2018	$1,300,000	$1,300,000

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Glenwood Street Lights Metairie, LA Jefferson Parish Government 1221 Elmwood Park Blvd., #802 Jefferson, LA 70123 Ryan Breaux 504-736-6500	Infinity was the prime consultant for the establishment of street lighting on 1,900 linear feet of Glenwood Drive beween Metairie Road and Fairmont Drive. Prior to this project, no streetlighting existed along Glenwood Drive. The designs included decorative metal poles in a historic style with a single "acorn" LED luminaire at its top, Power Distribution System with wiring diagrams and panelboard schedules, conduit and cable callouts, and a photometric analysis to determine the appropriate spacing. Designs also included feasibility assessments to determine the best source of power from three pontential feeder locations. Beyond providing schematic and final designs, Infinity assisted with bid solicitation and construction administration. Infinity conducted this project as part of the firm's As-Needed Electrical Engineering contract with Jefferson Parish. 	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
Completed 11/2021	$190,100	$190,100

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
New Orleans East Hospital Expansion New Orleans, LA Parish Hospital Services District A Karl Warner 504-592-6875	The New Orleans East Hospital expansion project included the addition of an approximately 193,000 sqft, three-story structure to the existing six-story East Tower. The design included ambulatory/emergency services, patient care, surgery, critical care, public, dietary, imaging, and associated support services. Site work included revisions to existing surface parking areas and new public utility entrances. Infinity Engineers provided services including the design of specialized waste, sanitary waste, rainwater drainage, and domestic water for the hospital. We also designed the on-site storage of electrical, water, sewer, medical gas, fuel oil, fiber, and natural gas utilities from the project boundary to the utility access points. Electrical designs included transformers, switches, parking area and helipad lighting and controls, which included the underground electrical utility and switchgear. 	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
Completed: 2014	$68,000,000	$13,600,000

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Lake Pontchartrain Elementary School LaPlace, LA St. John the Baptist School Board 118 West 10th Street Reserve, LA 70084	Infinity provided the design of new HVAC, plumbing and electrical systems for the all-new 95,000 sq ft Lake Pontchartrain Elementary School. Mechanical designs included all new air-cooled chillers, high efficiency boiler, primary/secondary four-pipe chilled water/hot water system, VAV air handling units with hot water reheat, commercial kitchen exhaust and makeup air, plumbing and domestic hot water systems, and specified the type of fire protection system for wet sprinkler, and dry pipe fire protection. Infinity designed all electrical systems for the new elementary school, including the power distribution system; back bone fiber optic communication distribution system for all data systems (IP-based telephone and security system, voice evacuation system, tie-in to school board mass notification system); fire alarm system; intercom and clock systems; closed circuit television system; and battery back-up for emergency lighting and communications. 	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
Completed: 2018	$22,500,000	N/A

TEC Professional Services Questionnaire

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

Parties:		Status/Result of Case:
Plaintiff:	**Defendant:**	
1. Not Applicable	Not Applicable	Not Applicable
2.		
3.		

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

Infinity Engineering Consultants, LLC is a dynamic, multi-discipline engineering consulting firm comprising of civil, structural, mechanical, and electrical capabilities. This multi-discipline approach allows Infinity's engineers to produce designs in open collaboration from project inception through completion.

With over (19) nineteen years of engineering design and construction administration experience, Infinity's team of civil, structural, mechanical, and electrical engineers have provided complete designs for the public and private sector, including: facilities, drainage pumping stations, water treatment plants, flood walls, and marine docks, as well as construction management for these types of projects. Infinity Engineering Consultants, LLC is a registered Louisiana engineering firm (License No. 3109) and is in full compliance with Louisiana state law. Additionally, Infinity is a registered DBE firm with the Louisiana Unified Certification Program for Disadvantaged Business Enterprises, the City of New Orleans, and the Regional Transit Authority of New Orleans.

1. Professional Training and Experience in Relation to the Type of Work Required for the Program Management Services

Key Personnel Qualifications and Experience

Infinity has assembled a dynamic group of professional engineers and engineering interns to achieve all of the required field investigation, testing, design, and construction administration needed for the successful completion of an assigned mechanical or electrical engineering project. As a multi-disciplinary firm, Infinity has the in-house abilities to perform all engineering design work for mechanical and electrical engineering related projects, as well as any necessary ancillary civil or structural engineering.

2. Size of Firm Considering the Number of Professional and Support Personnel Required to Perform the Type of Program Management Tasks

Infinity employs (11), full-time, licensed professional engineers, many with over twenty (20) years of experience. Beyond Infinity's professionally licensed engineers, Infinity employs 38 total personnel ranging from engineering interns to administrative staff. Qualifications and experience of Infinity's technical staff are contained within the TEC form.

William Thomassie, P.E.	Principal	Civil Engineer	Experience: 30 years
Raoul Chauvin, P.E.	Principal	Mechanical Engineer	Experience: 31 years
Rachel Kenney, P.E.	Chief Engineer	Civil Engineer	Experience: 19 years
Louis Jackson, P.E.	Ops & QA/QC	Civil Engineer	Experience: 25 years
Ricardo Contreras, P.E.	Civil Engineering Manager	Civil Engineer	Experience: 25 years
Cindy Gallo, P.E.	Structural Project Engineer	Civil/Structural Engineer	Experience: 7 years
Laura Kelly, P.E.	Mechanical Manager	Mechanical Engineer	Experience: 13 years
Stephen Gholston, P.E.	Mechanical Project Engineer	Mechanical Engineer	Experience: 21 years
John Lawrence, P.E.	Principal Electrical Engineer	Electrical Engineer	Experience: 32 years
Gregory Lintinger, P.E.	Electrical Project Engineer	Electrical Engineer	Experience: 45 years
Matthew Torres, P.E.	Electrical Project Engineer	Electrical Engineer	Experience: 5 years

3. Capacity for Timely Completion of Newly Assigned Work, Considering the Factors of Type Engineering Task, Current Unfinished Workload, and Person or Firm's Available Professional and Support Personnel

Infinity's current workload is well-suited to provide engineering services to Jefferson Parish. Infinity has completed or is in the design completion stage of several Jefferson Parish improvement projects, including, Ridgelake Drainage and West Metairie Ave Rehabilitation, that will allow necessary personnel the uninterrupted ability to focus on the completion of any assigned project. Therefore, it is an ideal time for Infinity to take on additional work.

Concerning Infinity's diligence to deliver on assigned tasks for major infrastructure projects, AECOM's Project Manager for the design of the Regional Transit Authority's Loyola and St. Claude streetcar projects, Bill Norquist, P.E. commented,

"The design of the new streetcar lines were high-profile projects for the New Orleans Regional Transit Authority (RTA) and for the City of New Orleans, and Infinity Engineering provided design and construction-phase design support for the preservation and/or relocation of the existing utilities within the new rail corridor. They worked efficiently and effectively to coordinate their design with local utility companies so that their utility engineering design could be implemented within the very tight schedule constraints of the project while minimizing the effects of the required changes on the public…The success of the Loyola Streetcar project was due, in part, to the exceptional design work by Infinity Engineering."

4. Past Performance by Person or Firm on Public Contracts

Since Infinity's inception, we have worked closely with our neighboring parishes to provide design services for a wide variety of mechanical and electrical based engineering including; facility HVAC, plumbing, high-pressure/high-capacity pumps, electric panels, generators, and electrical lighting. Infinity points to past successes as a token of our reputation as a responsible and capable technical resource for Jefferson Parish on this project.

To quote Ken Dugas, P.E., Plaquemines Parish Public Works Director regarding Infinity's design of the $16.5MM Ollie Drainage Pump Station Expansion *"….Infinity worked on a variety of packages for PPG, but none more so than the Ollie Pump Station Expansion. They completed a very thorough drainage study to justify expanding the station….The addition was constructed with less than 2% overruns for change orders….the station has performed, as designed, through several rain events and hurricanes."*

For the Ollie Drainage Pumping Station expansion, Infinity was the prime consultant in providing civil, structural, mechanical, and electrical engineering. The increased capacity of the drainage pump station provided additional flood protection to over 3000 acres across Plaquemines Parish. Infinity created designs for the addition of two (2) new 300 CFS drainage pumps, as well as the structural and electrical designs to implement such a facility expansion.

All of Infinity's projects are completed by, or under the direct supervision of a licensed engineer and based on his/her experienced subject matter. Infinity's QA/QC procedure provides that all drawings and specifications are further checked before leaving our office. Per Bill Rivera, P.E., Port of New Orleans Planning & Facilities Manager on the design of a new drainage pump station, *"Infinity's design team assured the needs and goals of the Port for this project were fulfilled."*

5. Location of the Principal Office Where Work Will be Performed

Infinity's only office is located in the Fat City area of Metairie, LA, just 15 minutes away from Jefferson Parish's Joe Yenni building. Therefore, distance will not hinder our ability to conduct fieldwork whenever necessary. We have executed multi-million-dollar projects throughout Louisiana, Texas and as far away as Pennsylvania, and the Bahamas. More importantly, the communication between our office, our teaming partners, and the Jefferson Parish will determine the project's success. Infinity has a history of building strong relationships with our teaming partners

6. Adversarial legal proceedings between the Parish and the person or firm performing professional services, in which the Parish prevailed or any ongoing adversarial legal procedures between the Parish and the person or firm performing professional services, excluding those instances or cases where the person or firm was added as an indispensable party, or where the person or firm participated in or assisted the public entity in prosecution of its claim

Infinity is not involved in any adversarial legal proceedings with Jefferson Parish.

TEC Professional Services Questionnaire

7. Prior Successful Completion of Projects of the Type and Nature of the Engineering Services, as Defined, for which Firm has Provided Verifiable References

As illustrated in Section L of Infinity's TEC Questionnaire, we have completed a multitude of projects involving mechanical and electrical engineering for Jefferson Parish and other local municipalities. Highlights include:

- Mahalia Jackson Theater of the Performing Arts Renovation
- Dillard University Campus Improvements
- Percy Griffin Community Center Design & Construction
- South Galvez Street Lighting Improvements
- City of New Orleans Criminal Evidence and Process Complex
- Sewerage & Water Board Sycamore Filter Gallery SCADA Design
- Frederick Douglass High School HVAC Replacement
- Jefferson Parish Gymnasium/Disaster Shelter Generator Manual Transfer Switches
- Lakefront Airport Electrical Platform Study

The Infinity team proposed for this project is comprised of engineers and professionals well-suited for the scopes of work identified in the RFQ. Per Reda Youssef, P.E. former Jefferson Parish Director of Capital Projects, "Infinity Engineering Consultants has successfully completed the designs for the Wedmore and Bannerwood Drainage projects, as well as the design of the parish's new EOC tower. Their team is competent, easy to work with, and communicates well. I would highly recommend Infinity for these types of projects."

Closing Statement

Infinity has a strong history of collaborating with subconsultants and under the direction of other firms. We recognize the success of a project with multiple team members relies upon clear communication and definition of the project objectives. Due to the undefined nature of the scope of this mechanical and electrical engineering contract, Infinity cannot identify a specific subconsultant to work with at this time. Infinity welcomes the opportunity to work alongside any subconsultant the technical review committee suggests. Once a defined scope is outlined, Infinity can make subconsultant recommendations based upon pre-approved vendors from the technical review committee.

Infinity's growth, resilience, and repeat business in the municipal and industrial sectors is proof of our reputation. We take great pride in that and expect to continue to build the same trust with Jefferson Parish. As stated above, the engineering pool for routine architectural services is an important endeavor for Jefferson Parish. Its success will afford comfort and convenience for present and future users, as the Jefferson Parish community continues to grow and thrive. Improvements in mechanical and electrical services can lead to a healthier and more vibrant community.

Infinity Engineering recognizes the importance of this as-needed mechanical and electrical engineering program and has assembled the most qualified team to handle all aspects of the projects. Thank you for taking the time to learn more about Infinity Engineering Consultants, LLC. We look forward to working with you to grow and enhance our communities together.

Infinity Engineering Consultants, LLC.
rchauvin@infinityec.com
(504) 304-0548

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

Signature: Raoul V Chauvin III **Print Name:** Raoul V. Chauvin, III, P.E.

Title: Principal **Date:** March 30, 2023

Infinity Engineering Consultants

Letters of Recommendation

Jefferson Parish
State of Louisiana

(Jackson Square Mechanical & Electrical Renovations)

Section III
Letters of Recommendation

Parish of Ascension

OFFICE OF THE PARISH PRESIDENT

KENNY MATASSA
Parish President

KEN DAWSON
Chief Administrative Officer

January 18, 2017

Re: Infinity Engineering Consultants, LLC

To Whom It May Concern:

Ascension Parish Government contracts with several consultants for municipal projects. These services can include engineering design for mechanical, electrical, civil and structural engineering projects.

Infinity Engineering Consultants, LLC recently completed the engineering design and construction administration services for the new cooling tower project at the Ascension Parish Jail. This fast-paced project required design for the replacement of one non-functional cooling tower, as well as a new foundation and electrical switchgear, wiring and conduit. The new tower design incorporated piping and power for an adjacent, functioning cooling tower.

Infinity completed this essential project on time and under budget. It was a pleasure working with Infinity's staff throughout the design, bidding and construction of this project. They were knowledgeable, responsive and delivered professional services in a timely manner.

I would highly recommend Infinity Engineering Consultants.

Sincerely,

Ken Dawson
Chief Administrative Officer
Ascension Parish Government

Livingston Parish

Office of Homeland Security and Emergency Preparedness

MARK HARRELL
Director

BRANDI JANES
Deputy Director

9/12/2017

To Whom It May Concern:

Infinity Engineering Consultants, LLC recently designed a new 715' guy wire tower and communications building for the Livingston Parish Department of Homeland Security and Emergency Preparedness. This was Infinity's first time performing engineering design services for the Parish, and I am writing today to say we are beyond pleased with the results.

The staff at Infinity was professional and worked with the Parish to meet all the needs of this tower. Their designs were completed on time and their budget was reasonable and fair. Infinity provided all structural, civil, mechanical and electrical designs, FCC licensing and FAA studies, and construction administration. Additionally, Infinity provided an intermodulation study to determine which government entities would benefit from being re-located from multiple towers and could co-exist on the new tower sharing antennas wherever possible. The tower houses communications for several different government entities in and around Livingston Parish, including police, fire, EOC, and council to name a few.

We are pleased to recommend Infinity Engineering Consultants, LLC and look forward to working with them in the future.

Sincerely,

Mark Harrell,
Director
Livingston Parish Office of Homeland Security and Emergency Preparedness

P.O. Box 1060, Livingston, LA 70754
225-686-3066 225-686-7280 Fax

June 19, 2018

Re: Infinity Engineering Consultants, LLC

To Whom It May Concern:

The Regional Transit Authority (RTA), as a political subdivision of the state of Louisiana, owns and operates (via Transdev) buses and streetcars in New Orleans area. In addition, the RTA and Transdev also operate all Mississippi River ferries in the New Orleans metropolitan area, including the Canal Street Terminal ferry that primarily connects riders to the Algiers Ferry Terminal on the opposite bank of the river. For many years, the ferry was used for transporting cars, bikes, and walkers. The current ferry use is limited to walkers and bikes only.

The RTA/Transdev have contracted with many Architectural and Engineering firms for various projects including streetcar expansions, rail modifications and repairs, bus and rail shelters/depots, and office buildings. We have worked with Infinity Engineering Consultants (Infinity) for several years on all of these types of projects. Due to our past experiences with them, and their vast experience providing detailed design of multiple river structures, we selected Infinity to perform the design of the new Canal Street Ferry Terminal.

Infinity provided the design of all dock structural components, including river and land piles, decks and foundations, terminal demolition, civil plans and utility re-locations, electrical, and mechanical components.

The location of the ferry terminal (the foot of Canal Street in New Orleans downtown area) and the fact that the ferry service is a primary source of transportation for many residents of New Orleans makes this project a major capital improvement project for the RTA and the City of New Orleans. Our experience with Infinity has been very positive and we have confidence in their ability to complete this high-profile project, as required.

I would highly recommend Infinity Engineering Consultants for projects requiring any riverfront developments.

Please do not hesitate to contact me at 504.827.8393 or via email at martin.pospisil@transdev.com should you have any questions about this letter.

Sincerely,

Martin Pospisil, EUR ING
Director of Infrastructure
Transdev North America – In Service to the RTA
2817 Canal Street
New Orleans, LA 70119

Infinity Engineering Consultants

DBE Certifications

Jefferson Parish
State of Louisiana

(Dillard University Campus Electrical Improvements)

Section IV
DBE Certifications

LOUISIANA ECONOMIC DEVELOPMENT

DIVISION OF SMALL BUSINESS SERVICES

This certification acknowledges that

Infinity Engineering Consultants, LLC

is Certified-Active as a Small Entrepreneurship with
Louisiana Economic Development's Hudson Initiative.

This certification is valid from 7/22/2022 to 7/22/2023 .

Certification No. 8402

Stephanie Hartman,
Director, Small Business Services

LOUISIANA UNIFIED CERTIFICATION PROGRAM

Disadvantaged Business Enterprise Program

This is to certify that under Title 49, Part 26 of the Code of Federal Regulations
& Under the State of Louisiana United Certification Program (LAUCP)

Infinity Engineering Consultants, LLC

Is a Certified Disadvantaged Business Enterprise (DBE) in the following specialties:

541330

NOTE: There may be other approved NAICS Codes. The online DBE Directory includes a complete list of approved codes.

Certificate Eligibility: November 30, 2022- November 30, 2023

This certificate is valid through the above date provided. This firm meets the on-going programmatic standard and fulfills the annual update requirement to remain in good standing as a DBE. This certification is subject to annual verification and suspension or revocation based upon reasonable cause to believe that the firm is ineligible.

Keziah L. Cawthorne

Keziah L. Cawthorne, DBE Program Administrator II

Regional Transit Authority

RTA
Regional Transit Authority

November 7, 2022

INFINITY ENGINEERING CONSULTANTS, LLC
Attn : Raoul Chauvin
4001 Division Street
Metairie, La 70002

Dear Mr. Chauvin:

The Regional Transit Authority (RTA) have received your firm's Disadvantaged Business Enterprise (**DBE**) and Small Business Enterprise **(SBE)** annual affidavit. Based on the information, which you provided, it has been confirmed that your firm continues to meet the eligibility requirements of our program and remains certified for **only** the following **specific** work categories **that fall under the listed NAICS and/or DOTD Work codes**:

NC541330	**Engineering Services**
C10	**Management**
C09	**Civil Engineering**
C07	**Electrical Engineering**
C05	**Structural Engineering**
C02	**Mechanical Engineering**

Please note that per the federal regulations, suppliers only receive 60% goal credit towards the materials they provide. Also, note that any contractor performing work in excess of $50,000 with the exception of electrical, mechanical and plumbing requires A Louisiana Contractor's License, which are required to have a license if work is in excess of $10,000. You may contact the State Licensing Board for Contractors at (225) 765-2301 for more information. All participants of the Louisiana Unified Certification Program will recognize your firm's certification. This includes all entities receiving federal transportation funding within the boundaries of our state.

You will be required to submit an annual affidavit with all supporting documents (**Business taxes with all attachments, such as 1098, 1099, K-1's and/or W-2's**) stating your firm continues to meet the eligibility requirements of the program. An email informing you to submit the necessary documentation will be forwarded to you approximately six (6) weeks prior to your anniversary date of **November 30, 2023**. However, should you not receive notification from this office for your annual affidavit; it is your responsibility to contact us. Additionally, you must notify our office immediately regarding any changes, which affect the social and economic disadvantage, size, ownership or control of your firm.

RTA
Regional Transit Authority

The LADOTD has contracted with Urban League of Louisiana Center for Entrepreneurship & Innovation to provide DBE Supportive Services to all certified DBEs, in the LAUCP, at no cost to you. This consultant can offer your firm assistance and guidance on areas such as marketing, estimating, bidding, financial preparations, etc. Contact Klassi Duncan with Urban League of Louisiana Center for Entrepreneurship and Innovation at (504) 620-9647 for any assistance needed to grow your organization.

We reserve the right to withdraw this certification, if at any time, it is determined that **DBE and SBE** certifications was knowingly obtained by the submission of false, misleading, or incorrect data. We further reserve the right to request additional information and/or conduct an on-site visit at any time during your certification period.

We are pleased to have you as a participant in the LAUCP and wish you much success. If you have any questions regarding the content of this letter, contact the RTA DBE Office at (504) 827-8362.

Kind regards,

Keziah L. Cawthorne

Keziah L. Cawthorne
DBE Program Administrator II

Enclosure (Certificate)