



Routine Engineering Services For Water Projects



Routine Engineering Services
for Water Projects
Jefferson Parish Government
SOQ 24-013
Resolution No. 144203

Statement of Qualifications

**Infinity Engineering
Consultants, LLC.**
4001 Division Street
Metairie, LA 70002

P: 504.304.0548
F: 504.355.0265

Raoul V. Chauvin, III, P.E.
Principal-in-Charge
rchauvin@infinityec.com

June 21, 2024



INFINITE CAPABILITIES BOUNDLESS POTENTIAL



Contact Persons



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



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



Nickie Monica
Director of Business Development
nmonica@infinityec.com

Shanna Folse
Purchasing Specialist II
Jefferson Parish Purchasing Department
General Government Building
200 Derbigny Street, Suite 4400
Gretna, LA 70053

Re: Routine Engineering Services for
Water Projects in Jefferson Parish
Resolution No. 144203 | SOQ 24-013

Infinity Engineering Consultants, LLC is pleased to present our firm’s professional engineering services qualifications to Jefferson Parish for the engineering design of routine water projects. Upon reading the published request for qualifications and project scope, we believe Infinity’s team meets and exceeds the necessary qualifications to undertake any assigned engineering designs to improve water systems across Jefferson Parish.

Understanding of Scope

Infinity Engineering understands the scope of work entails providing professional engineering design services on an as-needed basis for potable water projects. These projects can be assigned in locations across Jefferson Parish, and should not exceed \$500,000 per assignment.

Infinity Qualifications

Infinity Engineering Consultants, LLC. is a Metairie, LA based, multi-discipline engineering firm with all of the state licensing requirements to provide professional engineering design services within the State of Louisiana. As a multi-disciplinary firm, Infinity’s engineers are able to produce designs in open collaboration from project inception through construction completion. Infinity is ready to provide the following services to Jefferson Parish:

- Civil Engineering Services
- Structural Engineering Services
- Project Management
- Construction Administration
- Mechanical Engineering Services
- Electrical Engineering Services
- Advanced Measurements
- Resident Inspection

For over 20 years, Infinity has been integrally involved with the assessment, engineering design, and construction of municipality utilities across the Gulf Coast. With projects ranging from water line replacements to water treatment plant refurbishments, Infinity has the experience and the knowhow to design each element of any assigned water-related projects. As a Metairie, LA based firm, Infinity holds a vested in our community improvements. With an office only minutes from many job site, Infinity will be able to quickly respond to the needs of Jefferson Parish.

While Infinity has not engaged with any subconsultants for this RFQ, Infinity recognizes the need may arise to engage with subconsultants who are experts within their given field. We welcome the opportunity to work alongside these firms and can provide subconsultant recommendations based on partnerships Infinity has formed.

Infinity is proud of our reputation as being honest, reliable, and capable of providing engineering designs for utilities improvements. 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 Infinity team are contained within our submittal. 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 32 years of engineering experience, as well as 20 years of responsible charge in their respective specialties of mechanical and civil 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 professional services in the State of Louisiana
- Infinity Engineering has not engaged in any unethical practices.
- Infinity Engineering is a state-certified Disadvantaged Business Enterprise.

Documents Enclosed

- Transmittal Letter
- Infinity Engineering TEC Form
- Reference Letters

Closing

Infinity takes great pride in the engineering consulting services we have provided to potable water projects across the Gulf Coast. We are confident that we have assembled a team of engineers and design professionals that can effectively and efficiently execute any assigned project. We respectfully request the Evaluation Committee to select Infinity Engineering Consultants for this important as-needed infrastructure list, so we can continue to work together to improve the communities across Jefferson Parish.

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

Sincerely,

A handwritten signature in blue ink that reads "Raoul V. Chauvin, III". The signature is fluid and cursive, with the "III" at the end being clearly legible.

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

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Routine Engineering Services for Water Projects
Resolution No. 144203

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.

William J. Thomassie, P.E.
Principal
504-304-0548
wthomassie@infinityec.com

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

<u>4</u> Administrative	_____ Estimators	<u>2</u> Specification Writers
<u> </u> Architects (Licensed)	<u> </u> Geologists	<u> </u> Structural Engineers
<u> </u> Chemical Engineers	<u> </u> Geotechnical Engineers	<u>5</u> Graduate Engineers
<u>4</u> Civil Engineers	<u> </u> Interior Designers	<u> </u> Project Managers
<u>3</u> Construction Inspectors	<u> </u> Landscape Architects	<u>1</u> Clerical
<u> </u> Ecologists	<u> </u> Land Surveyor	<u> </u> Grant/Funding Specialist
<u>2</u> Electrical Engineers	<u>3</u> Mechanical Engineers	<u> </u> Sanitary Engineers
<u>3</u> Engineer Intern	<u> </u> Environmental Engineers	<u>9</u> Drafting/Design
<u> </u> Professional Land Surveyors		<u>36</u> TOTAL

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

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

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. N/A		
2.		
3.		
4.		
5.		
6.		
7.		

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 design of any water-related projects stemming from this as-needed list.

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:

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:

20

Education: Degree(s)/Year/Specialization:

Bachelor of Science / 1992 / Civil 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 firm's registered supervising professionals and is responsible for the management of all engineering production. For marine based projects, Mr. Thomassie's civil/structural education, training, and experience are relied upon to directly provide design supervision, cost estimation, and public outreach coordination. With many of Infinity's projects requiring up to \$45,000,000 for installation or modifications, Mr. Thomassie's guidance in shaping of designs, along with construction support, has enabled project completion on schedule and with minimal adverse impact on commerce in the area.

Additionally, Mr. Thomassie's expertise in marine-based engineering design has been called upon to serve as an expert consultant and witness in cases involving marine facility damage. Mr. Thomassie has been recognized by courts as being an "Expert" in marine structural matters in several legal jurisdictions, providing testimony to the U.S. Court of Appeals, Fifth Circuit; Lafourche Parish Court; and St. Tammany Parish Court. Mr. Thomassie's waterline replacement engineering experience includes:

Happy Jack Water and Sewer Line Replacement – Port Sulphur, LA

Project Manager for the Happy Jack Water Line Replacement. The project included preparing construction drawings, specifications, and administration for the **replacement / resizing of water lines**. This included routing HDPE pipe by means of trenching, jack-and-bore and directional drill. This work included levee and canal crossings and working in wetlands. All work was designed in accordance and approved with USACE and DNR directives whereas permits were obtained.

VA Medical Center Street Reconstruction – New Orleans, LA

Project Manager for the VA Medical Center Street Reconstruction. The project included the design of and construction administration for 3,000 l.f. of streets with **subsurface utility (water lines, sewage, and drainage)** to correct deficiencies and support a new medical center.

Port of New Orleans Julia Street Water Meter – New Orleans, LA

TEC Professional Services Questionnaire

Project Manager for the Port of New Orleans Julia Street Water Meter project, which involved the **installation of a new 12" municipal water meter** to provide service to the Julia Street Cruise Terminal. The project involved coordination between multiple municipal agencies, including the City of New Orleans, Sewerage and Water Board of New Orleans, U.S. Army Corps of Engineers, and the New Orleans Public Belt Railroad.

N. Galvez Street Reconstruction – New Orleans, LA

Project Manager for the reconstruction of N. Galvez Street. Project included roadway repair and replacement and all utility (**water lines, sewage, drainage**) **improvements** for the City of New Orleans. The North Galvez Street Rehabilitation is part of the Rebuilding of the Lower Ninth Ward and involved civil design and construction administration of 5,000 feet of roadway on a major thoroughfare.

Regional Transit Authority Rampart Street Streetcar Expansion – New Orleans, LA

Project Manager for the RTA expansion of the streetcar line, specifically involving the Rampart Street Expansion of the Streetcar system. Supervised construction drawings, record specifications, and **identification of utility (water lines, sewage, and drainage) conflict**.

Port of New Orleans Julia Street Water Meter – New Orleans, LA

Project Manager for the Port of New Orleans Julia Street Water Meter project, which involved the **installation of a new 12" municipal water meter** to provide service to the Julia Street Cruise Terminal. The project involved coordination between multiple municipal agencies, including the City of New Orleans, Sewerage and Water Board of New Orleans, U.S. Army Corps of Engineers, and the New Orleans Public Belt Railroad.

East Bank Wastewater Treatment Plant Flood Protection – New Orleans, LA

Provided civil and structural designs for a new flood protection berm at the Florida Avenue Wastewater Treatment Plant for the Sewerage & Water Board. For the \$30 Million Construction project, plans and specifications were provided for the design of secure flood gates, flood walls, electrical transmission and road and **pipng crossings for plant flood protection**.

Ollie Drainage Pumping Station Expansion – Jesuit Bend, LA

Project Manager for the design of the 600 CFS drainage stormwater pump station addition (\$16,200,000 total construction cost). Responsible for overall project coordination and design. Supervised all civil and structural designs including deep foundations, concrete structures, steel building structures, dredging, vehicular bridges, roads, and canals.

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.

Regional Transit Authority Canal Street to UPT Expansion – New Orleans, LA

Project Manager for the RTA expansion of the streetcar line, specifically involving the Loyola Avenue line that will connect Canal Street and the Union Passenger Terminal. Supervised construction drawings, record specifications, and **identification of utility conflict and design**.

Mid-City Street Repairs – New Orleans, LA

Principal Engineer for the identification and quantification of Hurricane Katrina damages to roadways driveway aprons, sidewalks, curbs, and drainage structures. Infinity developed a scoping report including the locations and descriptions of eligible repairs, added repairs, and justification of additional repairs for DPW to obtain additional funding from FEMA.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	Rachel Kenney, P.E. Chief Engineer
Project Assignment:	Chief Engineer & Senior Structural Engineer
Name of Firm with which Associated:	 Infinity Engineering Consultants, LLC.
Years' experience with this Firm:	15
Education: Degree(s)/Year/Specialization:	Bachelor of Science / 2001 / Civil Engineering
Active registration: Year first registered/discipline:	Professional Engineer – Civil Engineering LA / 2013 / Civil
Other experience and qualifications relevant to the proposed Project:	
<p>As a Civil/Structural Engineer, Ms. Kenney is responsible for structural and civil design, site inspection, cost estimating, permitting, project management, specification development, and bid package development. Specific major project relevant to Jefferson Parish's need for water projects includes:</p> <p><u>Canal Street Ferry Terminal CMAR – New Orleans, LA</u> Managed a multidisciplinary team of designers working with the owner's contractor to determine the most cost-effective design that would satisfy project and grant requirements. 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.</p> <p><u>Port Sulphur Water Treatment Plant MCC Building – Port Sulphur, LA</u> Responsible for the structural design of the 1200 sq.ft. MCC building. Design included specifications for a two-story building to be pile supported with reinforced CMU walls. Foundation design included review of geotechnical reports. This was a FEMA-funded project.</p> <p><u>Ollie Basin Drainage Study – Jesuit Bend, LA</u> Project Engineer for the Ollie Drainage Basin Study. Collected storm data and topographic information to determine inadequacies in the drainage collection system and made recommendations for improvements. The study led to the expansion of the Ollie Drainage Pump Station.</p> <p><u>Meco and Southern Scrap Sewer Pumping Stations – New Orleans, LA</u> Responsible for the structural design of the replacement of two sewer pumping stations, which replaced those destroyed by Hurricane Katrina. The buildings are pile supported with concrete basement slab below grade. Concrete walls extend to grade and support CMU walls and a steel stud framed, standing seam metal roof. Foundation design included review of geotechnical reports.</p> <p><u>Davant Raw Water Siphon Repair Design - Davant, LA</u> Prepared repair designs for freshwater supply facility in Plaquemines Parish. Created plans and specifications for new siphon and transfer pumps, piping, valves, instruments, electrical panels, and feeders, which were designed as a result of flooding and wind damage. Modifications and repairs included Mississippi River piping crossing, (8) mile water supply piping, and canal crossings. To mitigate future damage, submersible pumps were specified, where applicable.</p>	

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:

QA/QC & Operations Manager

Name of Firm with which Associated:



Infinity Engineering Consultants, LLC.

Years' experience with this Firm:

5

Education: Degree(s)/Year/Specialization:

Bachelor of Science / 1995 / Civil/Structural Engineering

Active registration: Year first registered/discipline:

Professional Engineer – Civil Engineering
LA/2001/Civil

Other experience and qualifications relevant to the proposed Project:

Adele and Fulton Street Reconstruction Project – New Orleans, Louisiana

Construction manager for reconstruction of approximately 2000 linear feet of New Orleans streets, including **installation of new water, sewer, and drainage infrastructure**. Responsibilities required close coordination with field and office staff of both the Sewerage & Water Board and City of New Orleans DPW for documentation of completed construction work and managing resident inspector staff.

Ridgelake Drive Drainage Improvements – Metairie, LA

Operations and Quality Control Manager for the engineering and design services for drainage improvements on Ridgelake Drive, including **subsurface drainage, new 54-inch outfall, and lateral drainage connections**. Provided design oversight as well as acted as liaison between Infinity and Jefferson Parish to ensure designs effectively met the goals of the scope of design.

Canal Street Ferry Terminal CMAR – New Orleans, LA

Operations and Quality Control Manager for the development of the design most cost-effective design to build a new pedestrian ferry terminal. Ensured designs satisfy project and grant requirements. The project includes designs for a new steel pile supported wharf, steel framed terminal building, **utilities (potable water)**, and two steel framed towers connected by a prefabricated two steel truss bridges spanning over railroad tracks.

Pontilly Stormwater HMGP Project – New Orleans, Louisiana

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.

Project Director, St. Bernard Parish FEMA Funded Repairs Program - St. Bernard, LA

Responsible for leading a diverse professional team of 15 in managing the design and construction of over 400 building and infrastructure projects in St. Bernard Parish, representing over \$1 billion in eligible FEMA funding. Developed various project controls tools which have been used to track project schedules, project status, and staff charges. Designed and implemented a comprehensive document control system that provides controlled access to both internal and external stakeholders. Prepared scope of services, project budgets, and project description for A/E firms.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Ricardo Contreras, P.E.
Civil Engineering Manager

Project Assignment:

Project Manager
Civil Engineering Manager

Name of Firm with which Associated:



Infinity Engineering Consultants, LLC.

Years' experience with this Firm:

7

Education: Degree(s)/Year/Specialization:

Bachelor of Science / 1994 / Civil Engineering

Active registration: Year first registered/discipline:

Professional Engineer – Civil Engineering
LA / 1999 / Civil FL / 2006 / Civil

Other experience and qualifications relevant to the proposed Project:

Mr. Contreras holds more than 28 years of experience in civil engineering. He has been responsible for the development and implementation for project coping, schedules, budgets, and design review for a variety of civil engineering projects. Specific major project relevant to Jefferson Parish's need for drainage conveyance and roadway rehabilitation includes:

Myrtle Grove Water and Sewer Line Replacements – Port Sulphur, LA

Project manager for the designs for the **relocation of (2) 8" water lines and (1) 2" water line** on Marina Road that included both temporary and permanent installation designs. The replacement of (2) existing pumps at each sewer lift station (No. 283 and No. 289) included modifications to the existing pump control panels to match the new pumps.

Decatur Street Waterline Replacement – New Orleans, LA

Technical lead responsible for designing the complete street replacement in the French Quarter neighborhood. The project required design and replacement of roadways, sidewalks, and driveways with the addition of ADA compliant ramps. Responsibilities also included drainage, sewer, and **water systems design**, analysis, evaluation, and replacement.

Oak Street Raw Water Intake Modifications – New Orleans, LA

Responsible for designing a replacement system for two existing 48" diameter **steel raw water lines**, which included abandoning the existing raw water lines in place and backfilling both lines with a flowable concrete fill, construction of a **new vacuum pump station** to provide automatic priming for the intake lines, realignment of the new raw water lines over the top of the existing levee, raising a portion of the existing levee, and **jacking and boring the two new 48" diameter steel pipes** beneath an existing railroad track.

Lake Hermitage Waterline – Port Sulphur, LA

Project manager for the design of **relocation of an 8" water line** along Lake Hermitage Road that included both temporary and permanent installation designs due to construction of the CORPS of Engineers River levee.

RTA Canal Street Ferry Terminal and Wharf CMAR – New Orleans, LA

Civil/Structural lead for all demolition and site reconstruction of a new ferry terminal building and wharf deck. Project included the removal of existing utilities and the **redesign of new sewer, water, and drainage systems** on the protected side of the floodwall. On the flood side, utilities and building components had to be routed as to not interfere with existing

TEC Professional Services Questionnaire

large electrical and telephone manhole vaults. Provided structural design for the new wharf and at grade pavement areas. Wharf design included the installation of 14" diameter steel piles approximately 100' long and the installation of hollow core panels to provide access over the elevated portions of the site.

Carolyn Park Waterline Replacement – Slidell, LA

Technical lead responsible for providing construction management for the **replacement of approximately 1,500 LF of 8" waterline** including the removal and replacement of the existing concrete sidewalks and roadway surfaces.

Julia Water Main Repairs – New Orleans, LA

Provided technical support for a **waterline inspection for the lines beneath the wharf** along the Mississippi River by boat and from land. Inspect and document the condition and location of the main, lateral, and supply waterline. Assisted with the development of bid documents including drawings, opinion of probable cost, and technical specifications, which included the replacement of approximately 500' of 12" ductile iron water line suspended below a wharf deck and installation of pipe support brackets.

Lakeshore Group C and D – New Orleans, LA

Technical lead responsible for designing the complete street replacement in the Lakeshore neighborhood. The project required design and replacement of roadways, sidewalks, and driveways with the addition of ADA compliant ramps. Responsibilities also included drainage, sewer, and **water design**, analysis, evaluation, and replacement.

Ridgelake Drive Drainage Improvements – Metairie, LA

Technical lead responsible for the designed roadway gradients to create positive cross-sectional and longitudinal drainage, identified concrete roadway pavement sections for replacement, **replacement of all sewer and water lines**, and upgrading the existing drainage system to improve drainage with installation of 54" RCPA drain lines, which included the addition of a new outfall discharge pipe installed in the existing drainage canal. The project included complete reconstruction of both lanes of concrete pavement.

Parallel Raw Water Channel at the East Bank Sewerage Treatment Plant – New Orleans, LA

Responsible for **design of new raw water intake channel and rehabilitation of existing raw water channel**, which included design of a 990 linear foot 16' x 9' raw water intake channel, a parallel 8' x 8' utility vault, rehabilitation of the existing raw water channel including dewatering, cleaning, and concrete repairs, sluice gates, various walkways, oxygen piping system, air diffuser system, relocation of an existing roadway, construction of a 680 linear foot I-wall, and drainage analysis and design.

Rivet Boulevard Roadway and Utilities Improvements – Westwego, LA

Responsible for design of a new roadway, which included **design of a new water distribution system**, drainage analysis and design, approximately 150 l.f. box culvert crossing, and construction of a new roadway approximately 8,180 l.f.

Azalea Drive Extension – Westwego, LA

Responsible for design of a new roadway extension, which included construction of a **new water distribution system**, drainage analysis and design, approximately 80 linear foot box culvert crossing, and extension of an existing street, approximately 3,010 linear feet.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Cindy Gallo, P.E. Project Delivery Manager
Project Assignment:
Structural Project Engineer
Name of Firm with which Associated:
 Infinity Engineering Consultants, LLC.
Years' experience with this Firm:
9
Education: Degree(s)/Year/Specialization:
Bachelor of Science / 2014 / Civil Engineering
Active registration: Year first registered/discipline:
Professional Engineer – Civil Engineering LA/2019/Civil MS/2023/Civil TX/2023/Civil
Other experience and qualifications relevant to the proposed Project:
<p>As one of Infinity's civil/structural project engineers, Ms. Gallo brings over eight years of experience in developing designs, specifications, and bid documents to create civil, structural, and marine construction packages. Ms. Gallo is well versed at providing engineering services during bid selection and construction phases of a variety of project types. Throughout Ms. Gallo's career, she has led several multi-disciplinary teams from the design phase through construction administration as a project manager. Additionally, Ms. Gallo's structural engineering expertise has been lent to maritime inspection and design projects.</p> <p><u>Shintech Water Intake Platform – Plaquemine, LA</u> Project Manager of the engineering team responsible for the civil, structural, mechanical, electrical and instrumentation designs of a new EPA 316B compliant river water intake platform to provide raw/untreated water via a 30-inch pipeline to clarification units within Shintech's SPP3 Plant. Project components included performing topographic and hydrographic surveys, as well as the design of the concrete intake platform and vehicular access bridge supported by steel pilings/substructures, levee crossing and modifications, piping layouts, pipe support design, hydraulic analyses, and power and instrumentation as required for the platform.</p> <p><u>St. Charles Parish Water Intake Platform Repair – Norco, LA</u> Project Manager of the engineering team responsible for the structural and electrical designs of the repairs to St. Charles Parish's east bank river water intake platform damaged during Hurricane Ida. Project components included performing hydrographic surveys and specification of removal of the damaged structures, as well as the design of the pump skid stabilization, concrete deck/pile cap repairs, and new steel support piles. Designs also included the implementation of multiple monopiles to serve as protection piles for the structure as well as a new prefabricated building to house all required electrical equipment necessary for pump and crane operations.</p> <p><u>PBF Energy Cooling Water Intake System Study – Chalmette, LA</u> Project Engineer on a team responsible for analyzing existing cooling water intake systems and researching the modifications required to make the systems EPA 316B compliant. Assisted in performing structural capacity calculations, preparing preliminary cost estimates, and compiling a report detailing the results of the study.</p> <p><u>Port of New Orleans Julia Water Main Repairs – New Orleans, LA</u> Project Manager responsible for organizing the preparation and delivery of a front-end design study to develop conceptual repair options for the potable water system that feeds the Julia Street, Erato Street and Thalia Street Wharves that service a cruise ship terminal, parking garage, and the Port of New Orleans Administration building.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Michael Riviere, E.I.
Civil Project Designer

Project Assignment:

Civil Project Designer

Name of Firm with which Associated:



Years' experience with this Firm:

12

Education: Degree(s)/Year/Specialization:

Bachelor of Science / 1988 / Civil Engineering

Active registration: Year first registered/discipline:

Engineering Intern – LA / 1989 / Civil

Other experience and qualifications relevant to the proposed Project:

Central Business District Waterline Replacement – New Orleans, LA

Under the direction of the professional engineer of record, assisted with the design of temporary water lines, trenching, bedding, **placement of the new waterline**, and required pavement repairs. Valves and house connections within the segment were replaced. Fire hydrants along the segment were reconnected and/or relocated. The designs also included large valve pits for 30" water valves; the pit was approximately 18x15'.

Plaquemines Parish Myrtle Grove Water & Sewer – Myrtle Grove, LA

Under the direction of the professional engineer of record, provided on-site resident inspection observation and prepared daily for the **HDPE pipe water and forced sewerage main installation**, testing, and tie-in. The two 8" water and the two 4", 6" and 8" sewer lines were being temporarily relocated during construction of the Army Corps of Engineers flood protection levees. Pipes were rerouted through the top of the levee per USACOE requirement.

Canal Street Ferry Terminal and Wharf Replacement CMAR – New Orleans, LA

Under the direction of the professional engineer of record, **developed site utility relocation** plans through coordinating with multiple agencies, including the Regional Transit Authority, New Orleans Public Belt RR, Corps of Engineers, and Port of New Orleans. The utility plans included the relocation of **10" and 12" water mains**, installing backflow preventers and meter valve vaults, the **casing of all utility lines** running under both freight and streetcar tracks, modified and new floodwall penetrations, and the relocations of sanitary sewer lines and manholes.

Regional Transit Authority Loyola Streetcar Expansion Utilities Design – New Orleans, LA

Under the direction of the professional engineer of record, assisted in the **utility relocation designs** of storm and sanitary drain lines and manholes, waterlines, valves, and vaults, from 8"- 30" diameter to clear way for the new streetcar guideways and avoid S&WB's existing century old brick box drainage culvert. All designs and relocations were in coordination with S&WB and private electric, gas and communication (copper and fiber lines) utility companies.

RTA Rampart Streetcar Expansion Utilities Design – New Orleans, LA

Under the direction of the professional engineer of record, assisted with the development of construction drawings, specifications, and identification of utility conflict and design. **Developed a utility conflict matrix and coordinated the relocation of private utility lines.** The design included the relocation public utilities such as storm and sanitary drain lines and manholes, waterlines, valves, and vaults from 8"- 20" diameter to clear way for the new streetcar guideways and avoid an existing century old brick box culvert.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Robert Haydel Civil Project Engineer
Project Assignment:
Civil Project Engineer Hydrologic and Hydraulic (H&H) Study
Name of Firm with which Associated:

Years' experience with this Firm:
4
Education: Degree(s)/Year/Specialization:
Bachelor of Science / 2005 / Physics Master of Science / 2007 / Civil & Environmental Engineering
Active registration: Year first registered/discipline:
N/A
Other experience and qualifications relevant to the proposed Project:
<p>With over 14 years of civil engineering experience, Robert Haydel is proficient in construction and project management with experience in managing grant proposals. Mr Haydel's specialties include infrastructure assessment, stormwater system design, and urban hydraulics/hydrology modeling. Specific major project relevant to Jefferson Parish's need for drainage conveyance and roadway rehabilitation includes:</p> <p><u>Decatur Street Waterline Replacement - New Orleans, LA</u> Project Manager responsible for leading a team in designing the complete street replacement in the French Quarter neighborhood. The project required design and replacement of roadways, sidewalks, and driveways with the addition of ADA compliant ramps. Responsibilities also included drainage, sewer, and water design, analysis, evaluation, and replacement. Developed construction documents (specifications and plan sheets) and cost estimate.</p> <p><u>Lakeshore Group C and D - New Orleans, LA</u> Project Manager responsible for leading a team in designing the complete street replacement in the Lakeshore neighborhood. The project required design and replacement of roadways, sidewalks, and driveways with the addition of ADA compliant ramps. Responsibilities also included drainage, sewer, and water design, analysis, evaluation, and replacement. Developed construction documents (specifications and plan sheets) and cost estimate.</p> <p><u>DPS 01 Watershed Drainage Upgrades and Green Infrastructure – New Orleans, LA</u> Designed drainage conveyance and retention improvements, coordinated permitting design requirements, and designed bi-directional bike lanes. Completed multiple full roadway reconstruction designs (pavement, drainage, water, sewer) while introducing new stormwater management practices and enhanced pedestrian and cycle traffic.</p> <p><u>Mid-City Street Repairs Group B – New Orleans, LA</u> Designed roadway pavement and curbing, base for the roadway pavement, subsurface drainage, water and sanitary sewer installation, and adjustments as required to driveways and intersecting streets.</p> <p><u>S. Dupre and S. Gayoso Street Improvements – New Orleans, LA</u> Utilizing green infrastructure systems, responsible for developing new drainage conveyance and retention technologies to retain a ten-year storm event. Additionally, designed the pavement structures (asphalt roadway, porous concrete, sidewalks, driveways, ADA ramps) and managed the design of the sewer and water systems. This project is being used as a green infrastructure standard for new roadway improvements throughout the City of New Orleans.</p>

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:

7

Education: Degree(s)/Year/Specialization:

Bachelor of Science / 2008 / Mechanical Engineering

Active registration: Year first registered/discipline:

LA PE. No.39645 / 2015 / Mechanical

Other experience and qualifications relevant to the proposed Project:

Ms. Kelly holds over thirteen years of mechanical engineering experience, including more than five years in major capital oil and gas consulting. Ms. Kelly has served as a mechanical technical lead in phases ranging from design conception to field installation and startup. As Mechanical Engineering Manager, Ms. Kelly oversees all mechanical designs and deliverables.

LSU Utility Infrastructure Science Zone Improvements – Baton Rouge, LA

Project manager responsible for leading a team to provide 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 and participating in site visits, coordinating with subconsultants for topographic and SUE survey and drainage investigation work, and leading the project team in the development of detailed construction drawings, specifications, and opinions of probable cost.

PBF Energy Cooling Water Intake Systems 003 & 013 – Chalmette, LA

Project engineer responsible for performing engineering evaluation and developing conceptual design options for establishing EPA-compliant filtration at two cooling water intake units. Project responsibilities included analyzing existing systems, consulting with manufacturers, developing design concepts, preparing opinions of probable cost for each design, and compiling study diagrams and report.

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.

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. Performed construction administration services including submittal review and RFI responses.

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.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Raoul V. Chauvin, III, P.E. Principal
Project Assignment:
Mechanical Engineering Advisor
Name of Firm with which Associated:
 Infinity Engineering Consultants, LLC.
Years' experience with this Firm:
20
Education: Degree(s)/Year/Specialization:
Bachelor of Science / 1990 / Mechanical Engineering
Active registration: Year first registered/discipline:
IA/2018/Mechanical IL/2018/Mechanical IN/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:
<p><u>Happy Jack Water and Sewer Line Replacement – Port Sulphur, LA</u> Principal-In-Charge for preparing construction drawings, specifications, and administration for the replacement / resizing of water lines. This included routing HDPE pipe by means of trenching, jack-and-bore and directional drill. This work included levee and canal crossings and working in wetlands.</p> <p><u>Boothville Water Booster Stations – Boothville, LA</u> Project Manager for FEMA-funded project which involved damage assessment and repair design for two (2) water booster pump stations. Damage to the stations required the replacement of electrical components and mechanical equipment. Coordinated with Plaquemines Parish and FEMA for strategic planning of repairs and hazard mitigation techniques. The plans and specifications included the detailed design of:</p> <ul style="list-style-type: none"> • All hydro-constand, pressure balance, 75 hp pumps and motors, valves, piping, and controls • Control panels for motor-operated equipment • All electrical conduits and wiring, including replacement of new service <p><u>Davant Raw Water Siphon – Plaquemines Parish Government</u> Project Manager and Lead Mechanical Engineer for the design repair of a fresh water supply. Plans and specifications for new siphon and transfer pumps, piping, valves instruments, electrical panels and feeders were designed because of flooding and wind damage. Modifications and repairs included Mississippi River piping crossing, (8) miles water supply piping, and canal crossings. To mitigate future damage, submersible pumps were specified, where applicable.</p> <p><u>Port Sulphur Water Treatment Plant Repairs – Port Sulphur, LA</u> Principal for the design of pump suction and discharge piping for water treatment facility in Port Sulphur, LA. The project involved performing a hydraulic study of the existing piping arrangement and providing revised piping configurations to achieve the required pump performance.</p> <p><u>Port of New Orleans Julia Street Water Meter – New Orleans, LA</u> Principal for the design of a new 12" municipal water meter to provide service to the Julia Street Cruise Terminal. Designs included water line modifications below street level; installation of a new manhole and water meter; water line mods above street level and along existing bridge; and bridge mods to allow the acceptance of new water line additions.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
John Lawrence, P.E. Electrical Engineering Manager
Project Assignment:
Electrical Utilities Engineer – Power Systems
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 / 27941 / 1998
Other experience and qualifications relevant to the proposed Project:
<p><u>St. John the Baptist Water Treatment Plant Improvements – Reserve, LA</u> Project manager for the of electrical, instrumentation, controls, and SCADA designs for improvements to the St. John the Baptist Water Treatment Plant. These improvements include a new water intake structure, transmission line, clarifiers, and clear well. The SCADA designs involve integrating multiple systems, including raw water intake and pre-treatment transfer pumps, into the existing SCADA system.</p> <p><u>Sewerage & Water Board West Power Complex – New Orleans, LA</u> Principal electrical engineer for the design of routing high voltage electrical distribution to the Sewerage & Water Board's proposed new West Power Complex. The electrical designs include the addition of underground electrical duct banks to run cables from the C7 interface to the substations. The electrical duct banks also required routing of the cables, location of manholes, and performance of pull calculations. Additionally, provided designs for the above ground high voltage cable routing between the utility rack and the Sycamore substation.</p> <p><u>Jefferson Parish Water Department New Electrical Generators – Marrero, LA</u> Project manager for the design to upsize new backup generators from 750kW to 1MW to provide for the full redundant power of the system at the Jefferson Parish water plant in Marrero, LA. The additional capacity required the modification of the existing switchgear to accommodate the new size of the backup generators to allow them to provide their maximum power. The new generators were designed to be diesel powered with a new day tank connected in parallel to the existing day tank with a new transfer valve between both tanks.</p> <p><u>Avondale Lift Station Backup Generator Addition – Avondale, LA</u> Project manager for the design and installation to add a new backup power generator for the Avondale lift station within Jefferson Parish, LA. The new 1MW 480/277VAC, 3ph, 4W, backup generator has been designed with an associated 3-day belly diesel tank that will be skid mounted with the generator. The new generator will be installed on a new platform which will adjoin the existing electrical building. The new 1MW generator feeder will tie into a new automatic transfer switch (ATS) via new underground conduits.</p> <p><u>St. Bernard Port New Generator Installation – Chalmette, LA</u> Project manager for the design and installation of a new 250kW 208/120VAC, 3ph, 4W, backup generator at the Associated Terminals office building in Chalmette, LA. Once constructed, the backup generator will be skid mounted with an associated diesel tank. The new 250kW generator output feeder will be connected into a new automatic transfer switch (ATS) which would be located on the new platform via use of new conduits and cables.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Bart Lacombe Electrical Project Designer
Project Assignment:
Electrical Project Designer – SCADA & Instrumentation
Name of Firm with which Associated:
 Infinity Engineering Consultants, LLC.
Years' experience with this Firm:
5
Education: Degree(s)/Year/Specialization:
Bachelor of Science / 2007 / Electrical Engineering
Active registration: Year first registered/discipline:
N/A
Other experience and qualifications relevant to the proposed Project:
<p><u>St. Charles Parish Water Treatment Plant Intake Platform Repairs – Luling, LA</u> Under the direction of Infinity's engineer of record, responsible for electrical design and development of drawings for the replacement of the well pump VFD and update of electrical distribution post failure due to hurricane Ida. Infinity's electrical designs included demolition of the existing service, installation of new service equipment including provisions for connection of a temporary generator, demolition of obsolete controls equipment, replacement of the pump VFD and replacement of pump power connection/lugs.</p> <p><u>S&WB Drainage Station SCADA Specification – New Orleans, LA</u> Under the direction of Infinity's engineer of record, responsible for electrical and instrumentation design and development of drawings for construction of a new river water pumping platform. The 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. The instrumentation design included connection to plant instrumentation, platform distribution involving instrument junction boxes and instrument cable tray required for integration for platform instruments.</p> <p><u>Shintech Water Intake Platform – Plaquemine, LA</u> Under the direction of Infinity's engineer of record, responsible for electrical and instrumentation design and development of drawings for construction of a new river water pumping platform. Infinity's electrical designs included the main electrical service connection to the plant electrical, cable tray design, platform distribution involving a 480V panelboard, stepdown transformer and panel for servicing lighting and receptacles and lighting design. The instrumentation design included connection to plant instrumentation, platform distribution involving instrument junction boxes and instrument cable tray required for integration for platform instruments.</p> <p><u>Laurel & Mistletoe Street Lift Station Rehabilitation – Metairie, LA</u> Under the direction of Infinity's engineer of record, responsible for the electrical and control system design and development of drawings for the rehabilitation of a sewage lift station. Infinity's electrical designs included replacement of the electrical service equipment with provisions for a temporary generator connection, the electrical distribution for the pumps, lighting, and receptacles in the dry well. The control system designs involved replacement of the SCADA system and telemetry equipment.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Rodney Ziegler Resident Inspector
Project Assignment:
Construction Resident Inspector
Name of Firm with which Associated:
 Infinity Engineering Consultants, LLC.
Years' experience with this Firm:
5
Education: Degree(s)/Year/Specialization:
Certificate of Technical Studies: Electrical Technology
Active registration: Year first registered/discipline:
N/A
Other experience and qualifications relevant to the proposed Project:
<p><u>Read Blvd. East Group C – Complete Street Reconstruction</u> Performed all resident inspection duties for eight blocks of complete street reconstruction. Included in the project scope was street pavement, sidewalks, drain point repairs, catch basin, and manhole adjustments. Throughout the inspection process, maintained constant contact with project managers to record any variations. Additionally, he prepared technical correspondence and field reports; as well as interpreted construction plans and specifications.</p> <p><u>Black Pearl East Carrollton Group A Water Line Replacement</u> Resident Inspector for replacement of existing water line throughout E. Carrollton & Black Pearl Neighborhoods of New Orleans. The project includes new fire hydrants, pavement, and sidewalks repairs. The project consists of 373 LF of 8" water main and 302 LF of 10" water main replaced with C-900 PVC. An additional 40 LF of 10" water main was replaced with fusible PVC pipe to allow traffic to continue in the intersection.</p> <p><u>Sewerage & Water Board N. Broad Street Underpass Pumping Station - New Orleans, Louisiana</u> Performed all resident inspection duties for the mechanical, electrical, and general construction phases of the repairs to the N. Broad Street Underpass Pumping Station project. The project included the following:</p> <ul style="list-style-type: none"> • Removal and replacement of one 12" trash pump including pump stand, shaft, intermediate pillow block guide bearings, couplings and bearing support channels • Removal and replacement of all discharge piping between each new installed 12" trash pump and the designated to remain 20" discharge wall pipe. • Clean, prime, and application of protective coating per specifications and submitted paint schedule to all exposed steel inside building. <p><u>St. Roch North Roadway Repairs – RR176 - New Orleans, Louisiana</u> Provided resident inspection for this roadway repair project. Infinity performed roadway, sidewalk, driveway, utility, and ADA compliant ramp designs and construction documents in alignment with the FEMA Recovery Roads program. Hydraulic design/analysis was also required for drainage system.</p>

TEC Professional Services Questionnaire

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

PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p style="text-align: center;">Shintech Water Intake Platform Plaquemine, LA</p> <p style="text-align: center;">Shintech Nathan Ferrington 225-684-2105</p>	<p>Infinity was tasked with providing engineering services related to the design of a new water intake platform for Shintech's SPP3 plant in Plaquemine, LA. This multi-disciplinary design consisted of field services, civil, structural, mechanical, electrical, instrumentation, and construction administration. The civil and structural scope consisted of the design of the following:</p> <ul style="list-style-type: none"> • Heavy equipment concrete bridge • Vehicular levee crossing • Piling and concrete foundations • Steel platform and drift deflector <p>Additionally, Infinity was tasked with specifying a jib crane and designing the platform to accommodate the crane loads. Finally, Infinity updated the calculations for the existing structure to include a load analysis of proposed piping. The mechanical tasks included the design of the above ground piping from the pump station to the piperack bridge at the levee. This included preparing ortho drawings, a comprehensive 3D model, isometric drawings, pipe support details, and general arrangements of the equipment. Infinity performed a pipe stress calculation and hydraulic analysis. The electrical and instrumentation scope primarily included the design of the power distribution and grounding components of the electrical system and the instrumentation components of the project.</p>	
<p style="text-align: center;">Completion Date (Actual or estimated):</p> <p style="text-align: center;">Completed: 3/2024</p>	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
	\$15,000,000	\$15,000,000



PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p style="text-align: center;">24" Waterline Replacement Decatur and St. Peter Streets New Orleans, LA</p> <p style="text-align: center;">Sewerage & Water Board of New Orleans Mark Van Hala, P.E. 504-930-7223</p>	<p>Infinity is serving as the sub consultant on the 24" waterline replacement along Decatur and St. Peter streets located in the historic New Orleans French Quarter. Infinity's services will be relied on from the design phase through the construction administration phase. Infinity's designs include the replacement of four blocks of 24" waterlines with new 6-8" waterlines. The waterline design package also includes tie-ins of various sizes, new service connections, and new fire hydrants.</p> <p>For all four blocks of the project, a complete street rehabilitation will occur. The roadway designs include the following:</p> <ul style="list-style-type: none"> • Removal/Replacement of Existing Drainage Systems • Repair of the Sewer Lines by CIPP Lining • Replacement of the Roadway/Sidewalks to ADA Standards <p>Careful consideration has been given to the preparation of design and construction plans to account for the proximity of the project to the Mississippi River. The construction time frame will be determined by the river's naturally occurring water levels to account for the fluctuating water level near the site.</p>	
<p style="text-align: center;">Completion Date (Actual or estimated):</p> <p style="text-align: center;">100% Designs: 5/2024</p>	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
	\$3,900,000	\$2,000,000

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Port Sulphur Water Treatment Plant & Booster Pump Station Port Sulphur, LA</p> <p>Plaquemines Parish Government Ken Dugas 504-297-5343</p>	<p>Infinity prepared plans and specifications for complete facility repairs to the Port Sulphur Water Treatment. Infinity provided damage assessment, mechanical, electrical, structural, and civil engineering design with hazard mitigation, construction administration and inspections. Infinity later re-designed the facility to receive clean water from Belle Chasse, store, boost pressure. With (4) pumps, the Port Sulphur Plant can distribute clean water to the local community. This FEMA-funded involving emergency and permanent repair of water and wastewater facilities included:</p> <div style="float: right; text-align: center;">  </div> <ul style="list-style-type: none"> Design of an 18" Ø new water suction line crossing levee Replacement of all pumps and motors with hazard mitigation modifications Replacement of all manual and motor-operated valves and instruments Replacement of all electrical conduits and wiring, including new service Replacement of the primary clarifiers 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Completed 2010	\$7,000,000	\$7,000,000

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Louisiana State University Science Zone Utility Improvements Baton Rouge, LA</p> <p>Louisiana Office of Facility Planning & Control Jim Pugh 225-219-1129</p>	<p>Infinity is the prime consultant providing schematic designs for strategic utility improvements to the Science Zone of Louisiana State University's Baton Rouge campus. The infrastructure improvements are being implemented to support the new Interdisciplinary Science Building (ISB) currently in design to replace the existing Dairy Science building, as well as renovations to the Food Science building.</p> <p>Once constructed, Infinity's designs expand chilled water capacity to serve the new ISB as well as future construction within the Science Zone. To provide the additional capacity, the complete roadway replacement of approximately three campus blocks is required. As part of schematic design, repairs to or replacement of all utilities within the proposed construction area were considered. To address needs for drainage improvements across the Science Zone, Infinity is coordinating with surveying and CCTV service subconsultants to study the Science Zone's current drainage inadequacies.</p> <div style="float: right; text-align: center;">  </div>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Construction Completion: 6/24 (E)	\$10,600,000	\$10,600,000

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p style="text-align: center;">East Point a la Hache Water Treatment Plant East Point a la Hache, LA</p> <p style="text-align: center;">Plaquemines Parish Government Ken Dugas, P.E. 504-297-5343</p>	<p>As the prime consultant, Infinity performed a full damage assessment and repair design for buildings and water treatment processing structures. This project was FEMA funded. Damage to the plant required the need for complete replacement of structures, electrical components, mechanical equipment, and hazard mitigation in accordance with the Stafford Act. Infinity prepared plans and specifications for detailed design of:</p> <ul style="list-style-type: none"> Replacement of all pumps and motors with hazard mitigation modifications New raw water (piping, building, pumps, electrical, and walkway) Replacement of all manual and motor-operated valves and instruments Control panels for all motor-operated equipment, elevated to meet ABFE requirements Replacement of the primary clarifiers, including gear operators, motors, controls, rakes, weirs, influent and effluent piping and valves Waste sludge pit and new HDPE discharge piping to the river batture 	
Completion Date (Actual or estimated):	Estimated Cost:	
Completed: 2010	Entire Project: \$1,900,000	Work for which Firm was Responsible: \$1,900,000

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p style="text-align: center;">Dalcour Water Treatment Plant Repairs Braithwaite, LA</p> <p style="text-align: center;">Plaquemines Parish Government Bill Serpas 504-274-2471</p>	<p>Infinity provided the design with hazard mitigation of all structural, civil, mechanical, and electrical engineering components, as well as construction administration for multiple damaged facilities. Damage to the plant required the need for complete replacement of monopile-supported structures, electrical components, and mechanical equipment. Infinity prepared plans and specifications for detailed design of:</p> <ul style="list-style-type: none"> Replacement of all pumps and motors with hazard mitigation modifications Replacement of all manual and motor-operated valves and instruments Design of new pile-supported waste sludge pit and new HDPE discharge piping to the Mississippi River batture to accommodate increased demand Control panels for all motor-operated equipment Replacement/Redesign of all electrical conduits and wiring, Replacement/Redesign of the Motor Control Center Replacement of the primary clarifiers, including gear operators, motors, controls, rakes, weirs, influent and effluent piping and valves 	
Completion Date (Actual or estimated):	Estimated Cost:	
Completed: 2014	Entire Project: \$1,700,000	Work for which Firm was Responsible: \$1,700,000

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p style="text-align: center;">Myrtle Grove Water & Sewer Line Replacement Port Sulphur, LA</p> <p style="text-align: center;">Plaquemines Parish Government Blair Rittiner 504-297-5577</p>	<p>Infinity provided the designs for the relocation of (2) 8" water lines and (1) 2" water line on Marina Road that included both temporary and permanent installation designs. In addition to water line relocation Infinity designed the relocation and installation of approximately 3,800 linear feet of (2) 8" DHPE Sewer Force Mains (SFM) on Myrtle Grove and Audubon roads, including temporary and permanent installation. Jack and bore method was used for approximately 150 linear feet. The relocation of the water and sewer lines were necessitated by the addition of a new protection levee along the perimeter of the Myrtle Grove Marina designed by the US Army Corps of Engineers.</p> <p>The removal and replacement of (2) existing pumps at each sewer lift station (No. 283 and No. 289) to clear the new levee modifications. Infinity was required to prepare an application for Coastal Use Permit with the Louisiana Department of Natural Resource (DNR). Throughout the project, Infinity has provided construction administration services.</p>	
		
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Under Construction: TBD	\$1,600,000	\$1,600,000

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p style="text-align: center;">Angela Street Waterline Arabi, LA</p> <p style="text-align: center;">Jefferson Parish Government Neil Schneider 504-736-6833</p>	<p>The Angela Street waterline replacement project consisted of approximately 3,500 linear feet of new 8" PVC C900 waterline installation along Angela St. from N. Peters St. to St. Claude Ave. and 1,000 linear feet of new 8" PVC C900 waterline installation, 600 linear feet of new 4" PVC C900 waterline installation and 2,100 linear feet of new 2" PVC C900 waterline installation along portions of the cross streets.</p> <p>The new 8" PVC C900 waterline replaced the existing 6" waterline, which was abandoned. The new waterline placement was designed within the limits of the 18' wide concrete street on Angela St.</p>	
		
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Completed: 2016	\$1,649,000	\$1,649,000

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p style="text-align: center;">Carolyn Park Waterline Replacement Arabi, LA</p> <p>St. Bernard Government Donald Bourgeois 504-278-4250</p>	<p>Based upon the successful completion of the Angela Street waterline replacement project, the St. Bernard Parish Government awarded Infinity Engineering the additional Carolyn Park waterline replacement design and construction administration project.</p> <p>As the prime consultant, Infinity provided preliminary and final designs for the removal and installation of new 8-inch waterlines for over 25 blocks of Arabi, Louisiana neighborhoods. In total, Infinity designed and replaced approximately 1,500 linear feet of waterlines. Infinity's design responsibilities included all associated valves and hydrants located along the waterlines that needed replacing. Beyond the waterlines, Infinity's engineers designed the removal and replacement to ADA standards of the existing sidewalks and roadways.</p> <p>Additionally, Infinity provided LADOTD utility application services. Throughout the construction phase, Infinity provided construction administrative services to ensure the timely and accurate implementation of Infinity's engineering designs.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Completed: 11/2019	\$2,750,000	\$2,750,000

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p style="text-align: center;">Davant Raw Water Siphon Davant, LA</p> <p>Plaquemines Parish Government Ken Dugas, P.E. 504-297-5343</p>	<p>As the prime consultant, Infinity provided designs for the repair of this fresh water supply facility in Plaquemines Parish. Infinity prepared plans and specifications for new siphon and transfer pumps, piping, valves instruments, electrical panels and feeders were designed as a result of flooding and wind damage. Modifications and repairs included Mississippi River piping crossing, (8) mile water supply piping, and canal crossings. To mitigate future damage, submersible pumps were specified, where applicable.</p> <p>As part of the waterline replacement project, Infinity designed repairs to a bridge in Lower Plaquemines Parish that was damaged by erosional washout during Hurricane Katrina. Infinity performed a bridge load rating and proscribed design details for the repair of the abutment and approach. The bridge was designed to accommodate AASHTO HS20 trucks.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Completed: 2011	\$500,000	\$500,000

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.		
4.		

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

Project Understanding

Infinity Engineering Consultants, LLC. (Infinity) is proud to present our qualifications to provide as-needed engineering design services for the **Jefferson Parish Routine Engineering Services for Water Projects Request for Qualifications**. It is our understanding that Jefferson Parish seeks to create a pool of qualified engineering firms capable of designing a wide variety of potable water related projects.

Our staff holds extensive experience with projects across the Gulf Coast relating to the design of potable water systems. This experience satisfies each firm and personnel minimum requirement as outlined in the Request for Qualifications; including a principal registered as a professional engineer in the State of Louisiana, a professional in charge with a minimum of five years in water systems design, and an additional professional engineer familiar with water systems. With over (20) twenty years of engineering design and construction administration experience, our team of mechanical, civil, structural, and electrical engineers have provided complete designs in the public and private sector, including: **water lines, water siphons, water treatment plants, booster stations, and water intake structures.**

With a viable resource of engineering professionals, Infinity's team is well-suited to execute the design and construction tasks required for these important routine water projects. We appreciate this opportunity to submit our qualifications and vision for Jefferson Parish. Infinity Engineering Consultants, LLC is a registered Louisiana engineering firm (License No. 3109) and is in full compliance of Louisiana state law.

Professional Training and Experience in Relation to the Type of Work Required for the Engineering Services

Key Personnel Qualifications and Experience

Infinity has assembled a dynamic group of engineers to achieve all the required field investigation, testing, design, and construction administration needed for the successful completion of any proposed water project. As a multi-disciplinary firm, Infinity has the in-house abilities to perform all engineering design work for water systems related projects. For this routine water contract, Infinity Engineering Consultants: LLC. will provide:

- Project Management
- Complete Civil, Structural, Mechanical, and/or Electrical Engineering
- Corps Permitting
- Construction Administration & Resident Inspections

Infinity employs (6), full-time, licensed civil/structural engineers, many with over twenty (20) years of experience. For this project, Infinity will assign Ricardo Contreras, P.E. as the Project Manager. Mr. Contreras holds more than 27 years of experience in the field of civil engineering, including 20 years of responsible charge of potable water related projects. His responsibilities include project management, engineering design, preparation of plans and specifications, preparation of cost estimates, construction administration, and collaboration with owners for various construction projects. Examples of training and experience for Infinity's technical staff are contained in the TEC form.

William Thomassie, P.E.

Principal Partner - Civil/Structural Engineer

Experience: 31 Years

TEC Professional Services Questionnaire

Raoul Chauvin, P.E.	Principal Partner - Mechanical Engineer	Experience: 32 Years
Rachel Kenney, P.E.	Chief Engineer - Civil/Structural Engineer	Experience: 20 Years
Louis Jackson, P.E.	QA/QC Manager - Civil Engineer	Experience: 27 Years
Ricardo Contreras, P.E.	Project Manager - Civil Engineering Mgr.	Experience: 27 Years
Cindy Gallo, P.E.	Project Delivery Mgr. - Civil/Structural Engineer	Experience: 9 Years
Michael Riviere, E.I.	Civil Project Designer	Experience: 34 Years
Kevin Hurtt, P.E.	Civil Project Engineer	Experience: 5 Years
Laura Kelly, P.E.	Mechanical Engineering Manager	Experience: 13 Years
Stephen Gholston, P.E.	Mechanical Project Engineer	Experience: 21 Years
Brian Lauritsen, E.I.	Mechanical Project Designer	Experience: 4 Years
John Lawrence, P.E.	Principal Electrical Engineer	Experience: 33 Years
Matthew Torres, P.E.	Electrical Project Engineer	Experience: 6 Years

One project that highlights Infinity's potable water capabilities is the design of the **Port Sulphur Water Treatment Plant Restoration and Raw Water Intake System** for Plaquemines Parish. As the prime consultant, Infinity provided the design of a 4-leg structure in the Mississippi River, an 18" water suction pipe, levee crossing, hydraulic analysis, raw water pumps, discharge pipe manifolds, valves, controls, and vacuum system, and raw water building. Post-Katrina Hazard Mitigation techniques were utilized to reduce future damage from flooding.

Infinity's design and performance on the Port Sulphur Raw Water Intake System are best exemplified by former **Parish President Billy Nungesser**: *"With millions of federal (FEMA) funding at stake...we had the confidence in this firm to provide the expertise necessary and the strong financial ethics to responsibly utilize public funds...My directors relayed that their designs were completed in a timely manner...and was committed to providing Plaquemines Parish with the best possible service."*



Port Sulphur WTP Raw Water System
Installation

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 support services to Jefferson Parish. At the time of submittal, Infinity has seventeen projects within the 75-100% construction completion, including Group B of street repairs to the Mid-City neighborhood, the Plaquemines Parish Empire Harbor of Refuge, Shintech Water Intake Platform, and Laurel St and Mistletoe Lift Station Rehabilitation. The completion of these projects will allow for Infinity's engineers to shift their focus towards any assigned water project, as the firm currently does not have a backlog of project work. Several of Infinity's designs are entering the final submittal phase.

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."*

Location of the principal office where work will be performed.

Infinity's main office is located in the **Fat City area of Metairie, LA**, minutes away from the various Jefferson Parish governmental offices. Therefore, distance will not hinder our ability to perform appropriately on any projects. We have executed multi-million-dollar projects throughout Louisiana, Texas and as far away as Pennsylvania, and the Bahamas.

TEC Professional Services Questionnaire

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. If the scope of an assigned project dictates the need to work with other consulting firms, we welcome the opportunity to partner with other entities on the as-needed list.

Over Infinity's 20 year history, our firm has provided stormwater management and utilities designs for a wide array of municipalities and governmental agencies. This experience has ranged from serving on as-needed professional services list to being the prime consultant for multi-million dollar projects from project conception through the construction completion phase. Municipalities for which Infinity Engineering has provided professional services:

- Jefferson Parish
- Lafourche Parish
- St. John the Baptist Parish
- St. Charles Parish
- Plaquemines Parish
- Ascension Parish
- City of New Orleans
- Assumption Parish Police Jury
- City of Baton Rouge
- City of Slidell
- City of Covington
- St. Bernard Parish

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.

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 water-related projects for Jefferson Parish and other local municipalities over the last 20 years of our operation. Included in these projects have been special designs for scheduling and/or phasing of construction to accommodate conditions. Example projects Infinity has completed for Jefferson Parish include:

- West Bank Water Department Generators
- West Metairie Avenue Roadway and Utilities Rehabilitation
- Hero Pumping Station Upgrades
- Generator Transfer Switches at Disaster Center Gymnasiums
- Estelle No. 2 Drainage Pump Station Addition
- Glenwood Street Lights

Dalcour Water Treatment Plant – Infinity provided design for the restoration of the entire plant, post-Katrina. The project included the design of a new Raw Water System on the Mississippi River (hydraulic design of new raw water pumps, elevated walkway, building, power and controls), sludge pumps and service pumps for distribution to the public. Infinity designed new elevated electrical switchgear and MCC to avoid future damage from flooding. Per former **Plaquemines Public Service Director, Bill Serpas**: Infinity was *"...very accommodating following the storm to restore these critical facilities. They were timely, receptive, efficient, and always available for the needs of the projects...proposals have fit the allowable budgets and design drawings have been delivered in a timely manner."*



Dalcour WTP Service Pumps and Manifold

TEC Professional Services Questionnaire

Another example of water program engineering designs is the **Angela Waterline Project** for St. Bernard Parish. Infinity was selected to provide the design of a new water main and branch lines in a historic Arabi neighborhood in response to a fatality linked to the *Naegleria Fowleri*, also known as the “brain-eating amoeba”. Under this emergency contract, 1.5 miles of new 8”, 4”, and 2” PVC C900 water main, and cross connections, along with new flush valves and sample points were designed and constructed.

Per **President Guy McInnis**: *“Infinity completed this critical, fast-paced project within the guidelines of LDHH Drinking Water Revolving Loan requirements. Their staff was responsible with the use of public funds and was a pleasure to work with. I would highly recommend Infinity Engineering Consultants.”*

Based on our exemplary work on the Angela St Waterline project, President McInnis subsequently awarded Infinity the Carolyn Park Subdivision Waterline Replacement Project. This project included over 25 blocks of waterlines, service connections, and hydrants. Further project details are included in Project Description No. 9.



Angela St Water Line Installation

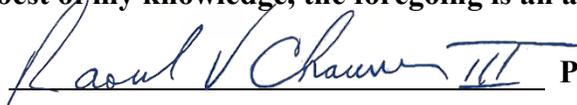
Closing Statement

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 water design 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. Improved water quality leads to a healthier and more vibrant community.

Infinity Engineering recognizes the importance of this program and has assembled a 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:  **Print Name:** Raoul V. Chauvin, III,
Title: Principal Partner **P.E. Date:** June 11, 2024



St. Bernard Parish Government

8201 West Judge Perez Drive Chalmette, Louisiana 70043
(504) 278-4227 Fax (504) 278-4330
www.sbpq.net

Guy McInnis
Parish President

December 14, 2023

Re: Infinity Engineering Consultants, LLC

To Whom It May Concern:

I am writing on behalf of Infinity Engineering Consultants, LLC, who provided engineering design and construction administration services to the St. Bernard Parish Government Department of Public Works. In 2015, the Parish initiated a system-wide waterline improvement program funded by the Louisiana Department of Health and Hospitals (LDHH) Drinking Water Revolving Loan Fund. This program included the replacement of old cast-iron water potable water pipes with new PVC waterlines.

As part of this program, St. Bernard Parish contracted with Infinity to provide complete engineering services for the Carolyn Park Waterline Replacement project. Infinity was tasked with the design of approximately 1 ½ miles of waterline along Center Street and several of the surrounding streets, this work also included removal and replacement of concrete and asphaltic concrete roadway and sidewalk and driveway replacement. They were also involved with maintaining access to all residents throughout the duration of the project.

Infinity completed this critical, fast-paced project within the guidelines of the LDHH Drinking Water Revolving Loan requirements. Their staff were professional, knowledgeable, and a pleasure to work with. They were responsible with the budget and cognizant of the needs of the Parish. I would recommend Infinity for their design capabilities, as well as their professional approach to project management.

Sincerely,

A handwritten signature in blue ink, appearing to read "G. McInnis", is written over a faint, larger version of the same signature.

Guy McInnis
Parish President
St. Bernard Parish Government



The City of Slidell

Post Office Box 828 • Slidell, Louisiana 70459
Telephone (985) 646-4330 Fax (985) 641-9528
tmathison@cityofslidell.org

TIMOTHY MATHISON
Chief Administrative Officer

FREDDY DRENNAN
Mayor

14 July 2017

Re: Infinity Engineering Consultants, LLC

To Whom It May Concern:

I am writing on behalf of Infinity Engineering Consultants, whom has provided engineering design and construction administration services to the City of Slidell on various projects.

Over the last few years, we have utilized Infinity for the design of two roadway improvement projects, Kostmayer Avenue Mill and Overlay, and Sgt. Alfred Drive Roadway Improvements. Both of these projects were important improvements to the quality of life for the citizens of Slidell.

For the Kostmayer Avenue project, Infinity was tasked with the rehabilitation of approximately a half mile of roadway. The improvements were to the roadway and associated drainage and sidewalks. Infinity's designs and schedule took into consideration a school located nearby, and all construction was done to minimally interfere with the school schedule and traffic.

Sgt. Alfred Drive was in need of paving repairs along a stretch of just over a mile of the roadway. Infinity's designs included the repair of asphalt and concrete, manhole cover adjustments and drop inlet grates.

Both of these roadway projects were completed on time and within budget. Infinity's employees were professional, knowledgeable, and a pleasure to work with. They were responsible with the budget and cognizant of the needs of the City throughout both projects. I would recommend Infinity for their design capabilities, as well as their professional approach to project management.

Sincerely,

Tim Mathison, C.A.O.

TM/et

Plaquemines Parish Government

Parish President
Billy Nungesser

ENGINEERING & PUBLIC WORKS

102 Avenue G
Belle Chasse, LA 70037
(504) 297-5343
Fax (504) 297-5340
eMail: ken_dugas@plaqueminesparish.com

Council Members

District 1 - Percy V Griffin
District 2 - Keith Hinkley
District 3 - Kirk Lepine
District 4 - Dr. Stuart J Guey Jr.
District 5 - Anthony Buras
District 6 - Burghart Turner
District 7 - Jeff Edgecombe
District 8 - Byron Marinovich
District 9 - Marla Cooper

November 16, 2012

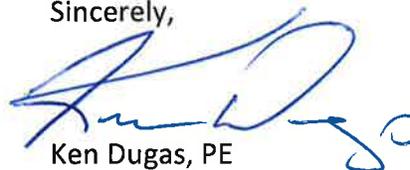
To Whom It May Concern:

Plaquemines Parish Government utilizes many consultants for infrastructure improvements and recovery work on a regular basis. Our consultants' responsibilities can include engineering design, feasibility studies, drainage studies, benefit-cost analyses and project monitoring.

Infinity Engineering worked on a variety of projects for PPG, but none more so than the Ollie Pump Station Expansion. They completed a very thorough drainage study prior to Hurricane Katrina to justify expanding our Middle Ollie Pump Station. Due to the effects of Hurricane Katrina, Infinity coordinated with USACE to revise the project design to increase the capacity from 400_cfs to 600 cfs. The \$16,500,000 pump station addition was constructed with less than 2% overruns for change orders. Most notably, since completion, the station has performed, as designed, through several heavy rain events and hurricanes.

Infinity has designed several street and utility infrastructure improvements and has also worked on several hurricane recovery projects, such as repairs to and damage mitigation of our water and wastewater plants. They've proven to be good stewards of public funds. I would highly recommend Infinity for these types of projects. If you wish to discuss this recommendation with me, please contact me at the Engineering Office.

Sincerely,



Ken Dugas, PE

Plaquemines Parish Engineer

Infinity Engineering, LLC. Organizational Chart

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

William J. Thomassie, P.E.
Principal Partner

Engineering and Operations

Business Development & Marketing

Finance and Administration

Rachel Kenney, P.E.
Chief Engineer

Louis Jackson, P.E.
Operations & Quality Control Manager

Nickie Monica
Director of Business Development

Rayna Guillot
Contracts & Accounting Administrator

Stacie Davenport
Engineering Document Management

Andrew Herbert
Marketing Coordinator

Erin Grunberg
Administrative Bookkeeper

Eric Olson
Drafting and Design Technical Manager

Lavon West
Senior Piping Designer

Quoc Vu
Designer

Diana Babineaux
Designer

Jared Barcia
Designer

Gina Lala
Designer

Shawn Dufrene
Designer

Frank Cherry
Drafter

Daniel Muhsin
Drafter

Ricardo Contreras, P.E.
Civil Engineering Technical Manager

Laura Kelly, P.E.
Mechanical Engineering Technical Manager

John Lawrence, P.E.
Principal Electrical Engineer

Leon Vial
Advanced Measurements Manager

Cindy Gallo, P.E.
Project Engineer - Structural

Robert Haydel
Project Designer - Civil

Stephen Gholston, P.E.
Project Engineer - Mechanical

Matthew Torres, P.E.
Project Engineer - Electrical

Ryan Petit
Advanced Measurements Technician

Kevin Hurtt, E.I.
Project Designer - Civil

Michael Riviere, E.I.
Project Designer - Civil

Brian Lauritsen, E.I.
Project Designer - Mechanical

Bart Lacombe
Project Designer - Electrical

John Lawrence, Jr.
Field Technician

Bryce Barrilleaux
Project Designer - Civil

Jack Pokrywka, E.I.
Project Designer - Civil

Dara Bird
Project Designer - Electrical

Rodney Ziegler
Construction Inspector