Crescent City Connection Decorative Lighting CE&I
Contract No. 4400028466

Infinity Engineering Consultants
20 YEARS
Civil ∞ Structural ∞ Mechanical ∞ Electrical

CCC Decorative Lighting
Construction Engineering
and Inspection (CE&I)
New Orleans, LA

Contract No. 4400028466

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

January 25, 2024

Infinity Engineering Consultants, LLC.

Letter of Interest

Louisiana Registered Engineering Firm Number

Infinity Engineering Consultants, LLC.
EF. 0001309

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

Nickie Monica
Director of Business Development
nmonica@infinityec.com

January 25, 2024

Department of Transportation & Development
Consultant Contracts Services
1201 Capitol Access Road, Room 405-E
Baton Rouge, LA 70802
DOTDConsultantAds80@la.gov

Re: Contract No. 4400028466 CCC Decorative Lighting Construction Engineering and Inspection (CE&I)

With reference to the above stated project, Infinity Engineering Consultants, LLC is pleased to present our statement of qualifications. Upon thoroughly reading the request for qualifications, we believe Infinity's team of engineers and construction inspectors meet and exceed the necessary qualifications to successfully oversee the administration of the construction contract for the installation of a new decorative lighting package on the Crescent City Connection bridge in New Orleans, Louisiana.

Firm Qualifications and Understanding of Scope

Infinity Engineering Consultants is a Metairie, Louisiana based firm, located only 10 miles from the Crescent City Connection site, that provides multi-disciplinary engineering services to both the public and private sectors. As a multi-discipline firm, comprising of civil, structural, mechanical, and electrical engineering, our firm is equipped to provided complete construction administration oversight for all of the provided engineering designs in the installation of the new lighting elements. Infinity's full-time staff currently includes ten (10) professional engineers, three (3) engineering interns, three (3) engineering graduates, nine (9) AutoCAD designers, and four (4) resident inspectors, as well as a supportive administrative staff.

Across Infinity's almost 20-year company history, the firm holds extensive experience working with public agencies in the project manager role of prime consultant. Recently, we enjoyed a collaborative working relationship with the Louisiana Department of Transportation & Development as we completed initial structural engineering designs for two off-system bridge replacement projects. Infinity has recently entered the construction bidding phase on two vehicular bridge projects, one for the City of Slidell on Magnolia Street and the other for vehicular access to a wharf at the Plaquemines Port. Additionally, we have recently ended the construction phase for one new vehicular bridge at Alvin Calendar Airfield in Belle Chasse, LA, as well as a water intake structure with a heavy equipment vehicular bridge access in Plaquemine, LA. These project experiences make our team uniquely qualified for this project, as we not only hold the experience of designing vehicular bridges and associated electrical lighting systems, but also carrying out the successful construction administration that see these projects go from design to commissioning.

Beyond Infinity's bridge and marine wharf experience, we have also completed the construction administration on several high-profile projects, including the renovation and electrical upgrades to Jackson Square as well as the CMAR design of the new Canal Street Ferry. Both of these projects consisted of refreshing two iconic New Orleans locations while simultaneously working to minimize downtime to these heavily traveled areas. Throughout the construction of the new ferry terminal and wharf, the ferry service was minimally impacted.

Infinity is proud of our reputation as being honest, reliable, and capable. As such, we have provided within our approach and methodology section snippets of reference letters that attest our work ethic. Pertinent resumes and project examples for the entire team are contained in the following DOTD 24-102 form.

We steadfastly confirm the following:

- Infinity Engineering Consultants, LLC. is within good standing
- The proposed team meets all of the minimum personnel requirements
  - Raoul V. Chauvin, P.E. and William Thomassie, P.E. are Infinity's principal partners who are registered professional engineers in the State of Louisiana in civil engineering
  - Ricardo Contreras, P.E. is a responsible member of the Infinity team who is currently registered in the State of Louisiana as a professional civil engineer.
  - Cindy Gallo, P.E. will serve as the project manager and holds over five years of experience in managing construction engineering for bridges and wharfs.
  - John Lawrence, P.E. is a responsible member of the Infinity team who is currently registered in the State of Louisiana as a professional electrical engineer.
  - Rodney Ziegler holds over fiver years of experience in electrical inspection and reporting.
- The firm holds all licenses necessary to legally provide the related services in the State of Louisiana
- The lead professional for each engineering category is a licensed professional in that area with a minimum of 5 years of experience in the category in which they will be the person in responsible charge.
- Infinity Engineering has not had a record of substandard work
- Infinity Engineering has never engaged in any unethical behavior
- Infinity is a state-certified DBE firm

Documents Enclosed

- Letter of Interest
- Infinity DOTD 24-102 form
- DBE Certificates

Closing

Infinity takes pride in the high-profile projects we have ushered from design to constructed icons in the City of New Orleans. We are confident that we have assembled a team of engineers and support personnel that can oversee the installation of the new lighting along the Crescent City Connection effectively and efficiently. We respectfully request that the LADOTD select Infinity Engineering Consultants for this important construction administration project so we can continue to work to improve our neighboring communities. If you have any questions or require additional information, please call me at (504) 304-0548.

By signing this letter, the Respondent certifies that the signatory is authorized to bind the Respondent and certifies the content of this letter.

Sincerely,

Raoul V. Chauvin, III, P.E.
Infinity Engineering Consultants, LLC

DOTD FORM: 24-102

(Revised January 1, 2023)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

Prime consultant shall complete the DOTD Form 24-102 without altering the Form's text; however, the instruction and/or guidance for Sections 12 through 23 can be removed but do not remove Section title and number.

ANY CONSULTANT FAILING TO SUBMIT ANY OF THE INFORMATION REQUIRED ON THE DOTD FORM 24-102, OR PROVIDING INACCURATE INFORMATION ON THE DOTD FORM 24-102, MAY BE CONSIDERED NON-RESPONSIVE.

1. Contract Name as shown in the advertisement	CCC Decorative Lighting Construction Engineering and Inspection (CE&I)
2. Contract Number(s) as shown in the advertisement	4400028466
3. State Project Number(s), if shown in the advertisement	STATE PROJECT NO. H.015504.6
4. Prime consultant name **(name must match as registered with the Louisiana Secretary of State where such registration is required by law**)	**Infinity Engineering Consultants, L.L.C.**
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	EF.0003109
6. Prime consultant mailing address	4001 Division Street Metairie, LA 70002
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	4001 Division Street Metairie, LA 70002
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Raoul V. Chauvin, III, P.E. Principal rchauvin@infinityec.com 504-304-0548
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Raoul V. Chauvin, III, P.E. Principal rchauvin@infinityec.com 504-304-0548

Prime consultant should enter the firm name in the footer at the bottom of this page. (It will carry over to subsequent pages.)

10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.	 Signature above shall be the same person listed in Section 9: 1/25/2024 Date:

11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.	Firm(s):	Firm(s)' %:
	Infinity Engineering Consultants, LLC.	85%
	The Beta Group	15%

12. Past Performance Evaluation Discipline Table:

As indicated in the advertisement, insert a completed table here. The percentages for the prime and sub-consultants must total 100% for each past performance evaluation discipline, as well as the overall total percent of the contract.

The **only** past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify).

Past Performance Evaluation Discipline(s)	% of Overall Contract	Prime Infinity Engineering Consultants, LLC.	The Beta Group	Firm C	Firm D	Firm E	Each Discipline must total to 100%
CE&I/OV	100%	85%	15%				**100%**
							100%
							100%
Identify the percentage of work for the **overall contract** to be performed by the prime consultant and each sub-consultant.							
Percent of Contract	**100%**	85%	15%				

13. Firm Size:

For all firms that are part of this team, indicate the approximate number of personnel to be committed to this contract, by DOTD Job Classification and the total number of personnel within the firm that could provide support, if needed. If a specialized job classification is required and not included on the DOTD job classification list, specify "Other (please specify)" and include the classification title inside the parentheses.

The DOTD Job Classification(s) to be used can be found at the following link:

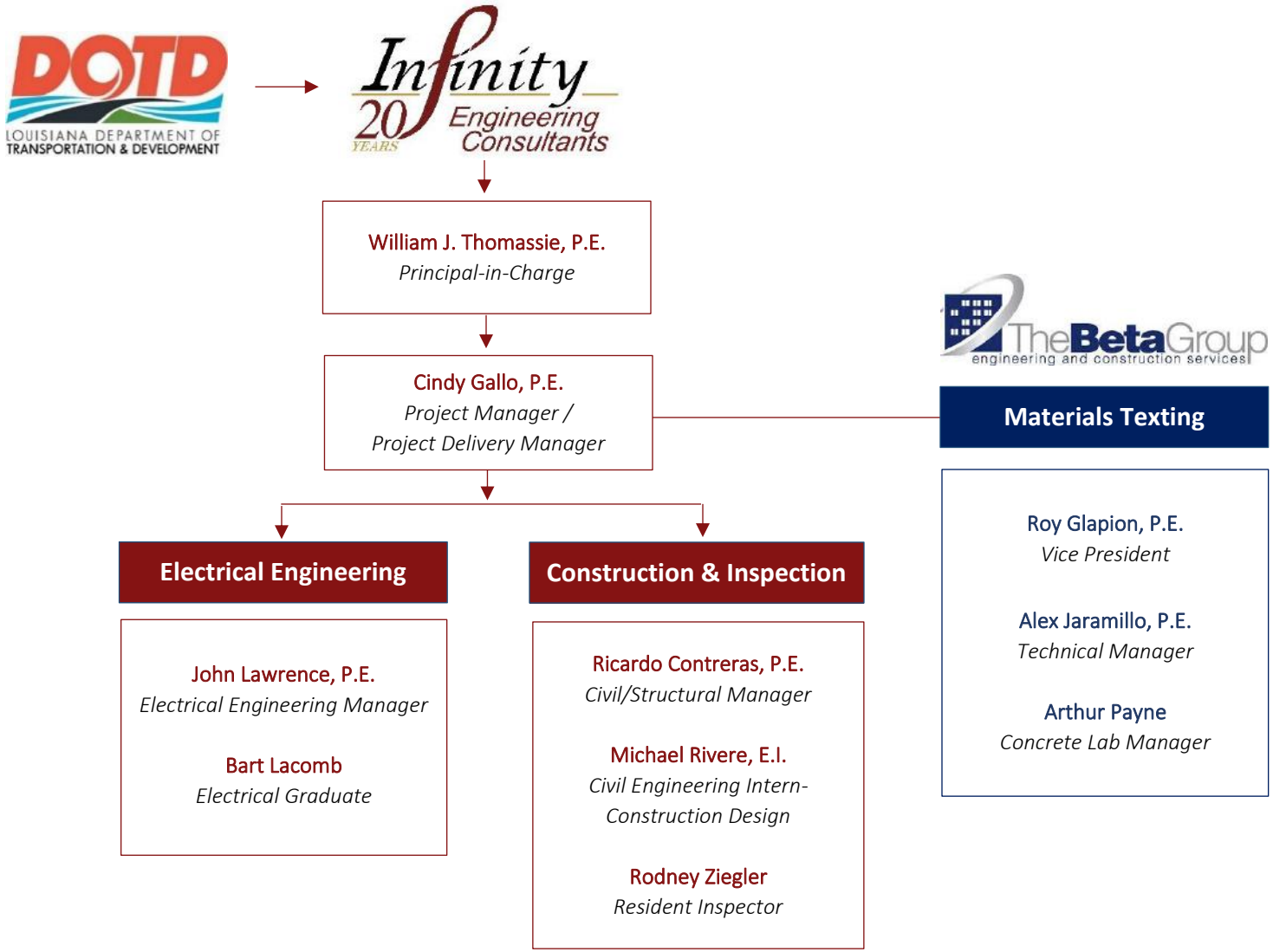
http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descriptions.pdf

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
Infinity Engineering Consultants, LLC.	Engineer	4	7
Infinity Engineering Consultants, LLC.	Engineer Intern	1	2
Infinity Engineering Consultants, LLC.	Other (Engineering Graduate)	1	2
Infinity Engineering Consultants, LLC.	Inspector	1	3
Infinity Engineering Consultants, LLC.	Designer	1	7
Infinity Engineering Consultants, LLC.	Drafter	1	2
The Beta Group	Other (Geotechnical Engineering)	1	1
The Beta Group	Principal	1	3
The Beta Group	Inspector	1	2
The Beta Group	Technician	1	25

(Add rows as needed)

14. Organizational Chart:

Provide an organizational chart showing ALL **relevant** prime consultant and sub-consultant (if applicable) personnel assigned to the contract, area of project responsibility for each, and reporting lines for the purposes of this contract. An individual's role does not necessarily have to match their DOTD job classification identified in Section 13. **If applicable, identify all personnel performing traffic engineering analysis and/or QC of traffic engineering analysis by placing an asterisk next to their name. Include the certificates required by the Traffic Engineering Process and Report Training Requirements article of the Advertisement in Section 20.** It is acceptable to use an 11x17 format for Section 14.



15. Minimum Personnel Requirements:

Use the table below to identify both prime consultant and sub-consultant staff designated to work on this contract meeting the Minimum Personnel Requirements (MPRs) specified in the advertisement. Ensure the résumé reflects the required experience stated in the MPR. Make sure the P.E. discipline is also listed (highlighted in table) that is meeting the MPR; e.g. professional civil engineer should show the discipline of the license as civil if meeting that MPR.

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	William Thomassie, P.E.	Infinity Engineering Consultants, LLC.	P.E. 0027421	LA	9/30/2025
2	William Thomassie, P.E.	Infinity Engineering Consultants, LLC.	P.E. 0027421	LA	9/30/2025
3	Cindy Gallo, P.E.	Infinity Engineering Consultants, LLC.	P.E. 0043357	LA	9/30/2025
4	Cindy Gallo, P.E.	Infinity Engineering Consultants, LLC.	P.E. 0043357	LA	9/30/2025
5	Roy Glapion, P.E.	The Beta Group	P.E. 0027450	LA	3/31/2024
6	John Lawrence, P.E.	Infinity Engineering Consultants, LLC.	P.E. 0027941	LA	9/30/2024
7	Rodney Ziegler	Infinity Engineering Consultants, LLC.	N/A	N/A	N/A

(Add rows as needed)

16. Staff Experience:

Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 14 and/or 15 of the proposal. Résumés of personnel not identified in Section 14 or Section 15 of the proposal should not be included and will not be evaluated. Résumés should be **limited to 2 pages per person**. Any certificates required by the advertisement are to be placed in Section 20.

Firm employed by	**Infinity Engineering Consultants, LLC.**			Meets MPR No. 1
Name	**William J. Thomassie, P.E.**		Years of relevant experience with this employer	19
Title	Principal-in-Charge		Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization			Bachelor of Science / 1992 / Civil Engineering	
Active registration number / state / expiration date			No. 27421 / LA / 9/30/2025	
Year registered	1997	Discipline	Civil/Structural Engineering	
Contract role(s) / brief description of responsibilities			Principal-in-Charge 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. With many of Infinity's projects requiring up to $45,000,000 for installation or modifications, Mr. Thomassie's guidance and 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 hold active professional engineering registration in fifteen states.	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
4/2020 – 3/2022	Cornerstone Dock Damage Evaluation and Design – Principal for the evaluation of damage caused by a ship collision with a dock and bridge on Cornerstone's site. Oversaw the collection of advanced measurements, including drone imagery, to assess the damages. Upon the completion of the surveying, a comprehensive analysis report was provided to Cornerstone, including cost estimation for repairs. Additionally, overseeing the completion of designs to repair dock and replacement of vehicular bridge.
7/2016 – 9/2017	City of New Orleans Bridge Inspections and Ratings – Principal engineer for the field **inspections and bridge load rating calculations of five (5) bridges** throughout the City of New Orleans as a subconsultant to DEII.
3/2012 – 3/2012	Scarsdale Bridge Rating – Principal engineer for the **engineering analysis and load rating of two bridges** at the Plaquemines Parish Scarsdale Pumping Station. The inspection and analysis of the two **(2) 25' wide x 150' timber pile foundation bridges** with precast pre-stressed concrete decks were necessitated by a load rating for dump trucks using the site.
4/2015 – 9/2017	City of New Orleans Joe Brown Park Bridge Replacement – Principal engineer for the **design of the complete replacement of the Joe Brown Park Bridge**. Infinity's condition inspection and bridge rating previously deemed the bridge needed replacement. The new bridge design also included a load rating.

10/2010 – 9/2012	Entergy Evergreen Bridges – Principal engineer for the **design of two (2) vehicular bridges** to replace aging timber bridges on the approach to Entergy's Evergreen Substation. Provided new bridge designs for steel reinforced piles, decking and reinforced retaining wall/abutment. Designs also included a load rating.
7/2006 – 7/2011	Ollie Drainage Pumping Station Bridge Design & Construction – Principal for the Ollie Drainage District capacity evaluation and design project. Project included the evaluation of runoff characteristics for a 3,000-acre basin and the evaluation of the adequacy of an existing pumping station with 5 pumps. 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.
3/2019 – 8/2023	Regional Transit Authority Canal Street Ferry Terminal CMAR – 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, **new bridge spanning (2) railroad tracks**, reconfiguration of streetcar tracks, realignment of underground utilities, construction of a new wharf structure, and refurbishment and reconfiguration of a captive barge platform.
4/2014 – 2/2015	City of New Orleans Bridge Load Ratings – Principal engineer for the **structural analyses and load ratings for fourteen (14) off-system bridges** around the City of New Orleans. The analyses determined that the majority of the bridges met the AASHTO load rating requirements, and proscribed remedial repairs or replacement for those that did not pass inspection.
6/2004 – 12/2004	City of New Orleans Wisner Bridge Inspection – Principal in charge for inspecting, **evaluating, and reporting deficiencies in the 3/8-mile-long Wisner Bridge** over I-610. The inspection was completed in accordance with LaDOTD requirements and a plan for rehabilitation was prepared.
11/2012 – 3/2021	Mid-City Street Repairs and Repaving – Principal Engineer for the identification and quantification of roadways, driveway aprons, sidewalks, curbs, and drainage structures repairs. Infinity developed a scoping report including the locations and justification of additional repairs for DPW to obtain funding from FEMA.
6/2011 – 5/2013	City of Slidell Kostmayer Avenue Resurfacing and Drainage Improvements – Lead Project Manager in the drainage design, material quantities, and cost estimating for the roadway repair and replacement design and all utility improvements. The project included the asphalt mill and overlay of 3,300 linear feet of street, including striping, drainage improvements, street alignment and handicap sidewalk ramps.
12/2009 – 9/2011	City of New Orleans VA Medical Center Street Reconstruction – Project Manager for the design of 3,000 lf of streets and utilities to correct deficiencies and support a new medical center.
3/2009 – 6/2011	Louis Armstrong International Airport North Perimeter Road – Project Manager for N. Perimeter Road at MSY Airport. The project includes the design of the new airport utility road extending approximately one mile around the facility.
8/2010 – 1/2013	Regional Transit Authority Canal Street to UPT Streetcar Expansion – 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.

Firm employed by **Infinity Engineering Consultants, LLC.**			Meets MPR No. 2
Name	**Ricardo Contreras, P.E.**	Years of relevant experience with this employer	8
Title	Civil/Structural Engineering Manager	Years of relevant experience with other employer(s)	21

Degree(s) / Years / Specialization			Bachelor of Science / 1994 / Civil Engineering
Active registration number / state / expiration date			No. 28533 / LA / 9/30/2025
Year registered	1999	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities			Civil/Structural Engineering Manager – With over 26 years of civil engineering and project management experience, Ricardo Contreras, P.E. brings the following relevant specialties to this project: roadway design, infrastructure assessment, multi-model complete street design, and roadway drainage design.

12/2015 – 9/2017	Joe Brown Park Bridge Rehabilitation – Responsible for **construction management** of project. Duties included overseeing and managing construction progress and schedules, submittal reviews, review and approval of invoices, and project closeout of an existing vehicular bridge deemed to be in poor condition. The new bridge consisted of arched precast concrete roadway, associated headwalls and wingwalls, and regrading of the existing drainage canal.
2/2021 – 12/2023	Shintech Water Intake Platform and Vehicular Bridge – Provided technical assistance for the design of a new water intake platform at plant. The platform consists of a multi-disciplinary design with coordination between Infinity's civil, structural, mechanical, and electrical teams. Responsible for the design of a **heavy equipment concrete bridge** to connect from the levee to the new platform. Additionally, project called for designs of the roadway for vehicular levee crossing.
3/2020 – 1/2023	Alvin Calender Airfield Vehicular Bridge – Provided technical assistance for the design and construction of a **new vehicular bridge** that spans across a drainage canal that parallels Barrier Road. The bridge is 50 feet wide by 160 feet in length and includes approach spans at both ends. Designs called for the bridge to uniformly elevate to span the canal and align with target grades, which is slightly higher than existing ground surfaces. Infinity has created structural designs for the reinforced abutment, pile support, lateral retaining walls, wing walls, and bridge deck. All bridge designs were developed in accordance with ASHTO guidelines.
5/2021 – 8/23	Savanne Road DOTD Off-System Bridge Replacement – Provided technical assistance for the **replacement of an off-system bridge** along Savanne Road crossing over Hanson Canal. Oversaw all structural/civil engineering designs for the bridge replacement as well as coordinated with land surveying and environmental service sub consultants.
8/2001 – 10/2005	LaDOTD Peters Road On and Off Ramps For the Westbank Expressway – Responsible for stage "0" feasibility study, prepared preliminary plans for new on and off ramps for Peters Road and the Harvey tunnel traffic, including **relocation of existing on and off ramps** to the Westbank Expressway and incidental roadway realignment.
11/2016 – Under Construction	West Metairie Avenue Rehabilitation and Canal Stabilization – Roadway and drainage improvements work included the removal and **replacement of concrete paving panels and the repair and adjustment of select drainage** outfalls, and implementation of stabilization measures to the embankments of the canal. Responsible for overall design, preparation of plans and specifications, provided cost estimation and coordinated all aspects of the project.
10/2016 – 9/2018	Port of New Orleans Napoleon Wharf Repairs – Provided oversight and guidance for preparing detailed construction drawings for comprehensive wharf repairs at the Napoleon Avenue Wharf (Port of New Orleans) as a result of an allison. The repairs included demolition of damaged structures and installing new piles, pipe bracing, repairing concrete pile caps, and replacing fender piles.

Firm employed by	**Infinity Engineering Consultants, LLC.**		Meets MPR No. 3 & 4
Name	**Cindy Gallo, P.E.**	Years of relevant experience with this employer	9
Title	Project Delivery Manager/Structural Engineer	Years of relevant experience with other employer(s)	0

Degree(s) / Years / Specialization			Bachelor of Science / 2015 / Civil Engineering
Active registration number / state / expiration date			No. 43357 / LA / 09/30/2025
Year registered	2019	Discipline	**Civil/Structural Engineering**
Contract role(s) / brief description of responsibilities			Project Manager/Project Delivery Manager - As Project Delivery Manager, Ms. Gallo leads Infinity's project management discipline, focusing on effective project completion and exceptional client satisfaction. Ms. Gallo brings over eight years of experience in project management and civil/structural and marine engineering design to this client-focused role., Ms. Gallo's structural engineering expertise has been lent to a diverse set of project types including maritime, bridge, and facility designs.

2/2021 – 2/2024 (Est)	Shintech Water Intake Platform and Vehicular Bridge – Project Manager of the engineering team responsible for the civil, structural, mechanical, electrical and instrumentation designs of a new river water intake platform. 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.
4/2015 – 9/2017	City of New Orleans Joe Brown Park Bridge Design & Construction – Project Manager responsible for organizing the preparation and delivery of a construction drawing and specification package, coordinating with the Owner and the Department of Parks and Parkways, and scheduling all design progress meetings. She was on the structural team that **prepared the design for the new bridge and foundation**. This project consisted of civil, structural, and electrical design for the **removal and replacement of an existing vehicular bridge** deemed to be in poor condition.
3/2015 – 3/2021	IMTT Geismar New Dock 4 Terminal Design & Construction - Project Engineer on the structural team that was responsible for designing a new marine dock at IMTT's Geismar Terminal. Additionally served as **Project Manager during the bidding and construction phas**es of all three project disciplines (structural, mechanical, and electrical). Responsible for coordinating with the client and vendors on a daily basis to ensure project schedules and budgets were met. Led the team's efforts on submittal review, reviewing and responding to RFI's, and visiting the project site during construction as requested by the client.
9/2014 – 1/2015	City of New Orleans Bridge Inspections and Load Ratings – Project manager of a team responsible for performing **field inspections and load rating calculations** on a total of twelve bridges. Performed superstructure and substructure calculations using the AASHTOWARE Bridge Rating Software (BrR, V6.8), MOVLOADS, and RAM Elements in combination with hand calculations. Assembled the **final load rating reports** to include the inspection forms, photos, and calculations for submittal.
10/2016 – 9/2018	Port of New Orleans Napoleon Wharf Repairs – Project Manager responsible for leading a design team in **preparing detailed construction drawings** for required repairs as a result of an allision. The repairs included demolition of damaged structures and installing new piles, pipe bracing, repairing concrete pile caps, and replacing fender piles. Provided CA services throughout construction including monitoring overall construction progress.
10/2021 – 7/2023	Mandeville Street Wharf Repairs – Project Manager and Engineer responsible for leading a design team in **preparing detailed construction drawings** and specifications for concrete wharf repairs as a result of an allision. The repairs included demolition of damaged structures, and replacing concrete wharf deck and pile caps, steel support beams, fender piles, and guardrail.

Firm employed by	**Infinity Engineering Consultants, LLC.**		
Name	**Michael Rivere, E.I.**	Years of relevant experience with this employer	13
Title	Civil Engineering Intern – Construction Design	Years of relevant experience with other employer(s)	22

Degree(s) / Years / Specialization			Bachelor of Science / 1988 / Civil Engineering
Active registration number / state / expiration date			E.I. No. 13329 / LA / 09/30/2025
Year registered	1989	Discipline	**Civil/Structural Engineering**
Contract role(s) / brief description of responsibilities			**Civil Engineering Intern – Construction Design** – As Infinity's Civil/Structural Construction Engineer, Mr. Riviere has experience in inspection, design, construction and repair of roads, bridges, and port facilities. Relevant Expertise Includes: bridge design, traffic flow access management, multi-model complete street design, green infrastructure, adding roadway capacity.

10/2021 – 10/2022	Hurricane Ida Damage Bridge Assessments – Performed storm **damage assessments of 12 off-system bridges** and 18 culvert locations suspected of storm damage. Each structure was inspected and documented with respect to storm related damage. Individual reports with photographs were completed and submitted to the Parish Officials.
6/2012 – 8/2012	I-10 Overpass Inspection – Project Engineer responsible for performing the pre and post inspection of Interstate 10 overpass and ramps in the vicinity of the Pallas Hotel Implosion. Reviewed LADOTD reports, **established bent numbering in the field, performed pre and post inspections of deck surfaces** and structures, and documented a written and digital report.
8/2016 – 6/2017	City of New Orleans Bridge Inspection and Ratings – Project Engineer for local bridge inspection and load rating project. Assembled the final load rating reports to include the inspection forms, photos, and calculations for Infinity's submittal. This project consisted of performing a **condition inspection and evaluation of twelve (12) bridges** around the City of New Orleans.
9/2014 – 1/2015	City of New Orleans Bridge Inspections and Load Ratings – Project manager of a team responsible for performing **field inspections and load rating calculations** on a total of twelve bridges. Performed superstructure and substructure calculations using the AASHTOWARE Bridge Rating Software (BrR, V6.8), MOVLOADS, and RAM Elements in combination with hand calculations. Assembled the **final load rating reports** to include the inspection forms, photos, and calculations for submittal.
3/2005 – 3/2009	Phases 1, 2 & 3 Screening of Scour Susceptible Bridges for LADOTD Phase 1 – performed preliminary analysis on 589 bridges using the state's criteria to prioritize the structures requiring additional study in Phase 2. In Phase 2, performed site inspections on each bridge to gather data necessary for **hydrologic and hydraulic analysis**. Hydraulic modeling program WSPRO and HEC-18 were used to determine the anticipated scour depths and to compare with the existing bridge foundations to determine if the bridge is scour critical. Additionally, prepared reports on the findings. In Phase 3, performed structural load calculations on the critical piers to determine required pile capacity.
2/2009 – 12/2009	U.S. HWY 67 Relocation, Craighead and Lawrence County, Arkansas for AHTD – Responsible for **design of bridge decks, concrete approach slabs** and type special approach gutters and elastomeric bearings in accordance with AASHTO specifications. Also performed structural quantity takeoffs.
2/2010 – 9/2011	I-69 Connector, Lincoln, Jefferson and Cleveland Counties, Arkansas for AHTD – Performed bridge layout, sub-structural and structural design using Merlin-Dash and RC Pier programs.

Firm employed by	Infinity Engineering Consultants, LLC.		
Name	John Lawrence, P.E.	Years of relevant experience with this employer	1
Title	Electrical Engineering Manager	Years of relevant experience with other employer(s)	32

Degree(s) / Years / Specialization			Bachelor of Science / 1990 / Electrical Engineering
Active registration number / state / expiration date			27941 / LA / 9/30/2024
Year registered	1998	Discipline	Electrical Engineering
Contract role(s) / brief description of responsibilities			**Electrical Engineering Manager** – Mr. Lawrence holds over 33 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. As Infinity's Principal Electrical Engineer, Mr. Lawrence is responsible for electrical scope development, schedule coordination, budgeting, estimating, and cost control.

MEETS MINIMUM LADOTD PERSONNEL REQ.

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
7/22 – Current (Project on Hold)	Jones Creek Rd Lighting – Baton Rouge, LA Engineer of record overseeing the electrical design, and development of drawings for roadway lighting for a greenfield project extending Jones Creek Rd from Tiger Bend Rd to Airline Hwy. The electrical designs included **electrical services and roadway lighting** designed to MOVEBR Design Guideline for the nearly **1.4-mile road expansion and vehicular traffic circle**.
7/22 – Jan 2024	Colony Place Street Lighting – Metairie, LA Engineer of record overseeing the electrical design, advanced measurements collection, and development of drawings for the installation of new street lighting along Colony Place from Eddy Road to West Metairie Ave. Initially, the 1350-foot-long route did not have established street lighting. Oversaw the design of the Power Distribution System including equipment sizing and part numbers, wiring diagrams, panelboard schedules and any associated supports for the new electrical appurtenances.
7/22 – Current	Sewerage & Water Board West Power Complex – New Orleans, LA 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.
7/2022 – Under Construction	Jefferson Parish Water Department New Electrical Generators – Marrero, LA Project manager for the design to upsize **new backup generators from 750kW to 1MW** to provide 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 tank by a new transfer valve.
7/22 – Out for Bid	St. Bernard Port New Generator Installation – Chalmette, LA Project manager for the design and installation of a new 250kW 208/120VAC, 3ph, 4W, backup generator at the Associated Terminals office building. 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 will be located on a new platform via use of new conduits and cables.
7/2022 – Under Construction	Avondale Lift Station Backup Generator Addition – Avondale, LA 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.

Firm employed by	Infinity Engineering Consultants, LLC.		
Name	Bart Lacomb	Years of relevant experience with this employer	6
Title	Electrical Designer	Years of relevant experience with other employer(s)	10

Degree(s) / Years / Specialization			Bachelor of Science / 2007 / Electrical Engineering
Active registration number / state / expiration date			N/A
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities			**Electrical Engineering Graduate** - Mr. Lacomb brings over fifteen years of electrical and instrumentation experience to the Infinity team. Mr. Lacomb holds experience in providing electrical designs for a multitude of facilities, municipalities, and industrial end users. For the oil and gas industries, Mr. Lacomb has designed control and safety systems, as well as provided model development for arc flash analysis. When working on electrical designs, Mr. Lacomb seeks to collaborate with the owner and other firms involved to ensure seamless installation and usability upon completion.

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
1/21 – Current (Project on Hold)	MOVEBR Jones Creek Rd Roundabout Lighting – Under the direction of Infinity's engineer of record, assisted with Infinity's project management, electrical design, and development of drawings for **roadway lighting for a greenfield project** extending Jones Creek Rd from Tiger Bend Rd to Airline Hwy. The electrical designs included electrical services and roadway lighting designed to MOVEBR Design Guideline for the nearly 1.4-mile road expansion and vehicular traffic circle.
8/18 – 7/14	Jefferson Parish Government Causeway Boulevard Street Lighting – Under the direction of Infinity's engineer of record, assisted with the electrical design and development of drawings for the new street lighting, including lighting contactor pedestal foundation, and wiring for approximately 3/4 mile of Causeway Boulevard between the Jefferson and Airline highway overpasses. The designs involved reconfiguration of the electrical service for JP design change from high pressure sodium to LED luminaires and distribution.
7/18 – 1/19	Dillard University Campus Improvements – Under the direction of Infinity's engineer of record, assisted with 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**. The electrical designs also included site lighting, a new security and access system with new cameras, and sizing of electrical cables and low voltage cables.
4/20 – Current	LSU Science Zone Utility Infrastructure Improvements – Under the direction of Infinity's engineer of record, assisted with the electrical design and planning for **the expansion of the electrical and communication services** to the "Science Zone" in preparation to accommodate the construction of a new building in the area.
7/19 – 12/23	Plaquemines Parish Harbor of Refuge – Under the direction of Infinity's engineer of record, assisted with the electrical design and development of drawings for new grounds development involving a new building with sewage treatment, pavilions, picnic areas, and camp sites with RV connections. The electrical design included the main electrical service, site and boat slip lighting, and distribution involving stepdown transformers for servicing the main building, campsites, and pavilions.
3/19 – 8/23	RTA Canal Street Ferry Terminal CMAR – Under the direction of Infinity's engineer of record, Mr. Lacomb assisted with coordination with the Aquarium of the Americas Engineer, ATT, Entergy, the Department of Public Works, and the Regional Transit Authority for electrical and communications design and development of drawings for the new ferry terminal project. The electrical design included the temporary and permanent electrical services involving an existing electrical vault and manhole, sight lighting, illuminated signs, building lighting and electrical, fire pumps, temporary/permanent barge and gangway lighting and streetcar lighting and DC systems.

Firm employed by	Infinity Engineering Consultants, LLC.		
Name	Rodney Ziegler	Years of relevant experience with this employer	5
Title	Resident Inspection	Years of relevant experience with other employer(s)	15

Degree(s) / Years / Specialization			Certificate of Technical Studies, Electrical Technology
Active registration number / state / expiration date			N/A
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities			As **Resident Construction Inspector**, Mr. Zeigler holds over 20 years of experience in general construction and carpentry as well as holding his Class D Electrical Journeyman license with the City of New Orleans. Mr. Zeigler is familiar with permitting, insurance, and inspection processes. Additionally, Mr. Ziegler served as an electrician's assistant to a licensed electrical contractor with Lakefront Electric, LLC specializing in renovation and improvements, new construction, repairs, and commercial lighting improvements.

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
3/2019 – 12/2019	<u>Sewerage & Water Board N. Broad Street Underpass Pumping Station – New Orleans, LA</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: • Removal, reconditioning and reinstallation of two 40HP, 25HZ pump motors • Removal and replacement of one 12" trash pump including pump stand, shaft, intermediate pillow block guide bearings, couplings and bearing support channels • Clean, prime, and application of protective coating per specifications and submitted paint schedule to all exposed steel inside building.
10/2020 - 4/21	<u>Read Blvd. East Group C Complete Street Reconstruction – New Orleans, LA</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, Mr. Ziegler ensured he 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.
7/2022 - 10/2023	<u>American Sugar Refining Bulk Loading Building Construction Management – Chalmette, LA</u> Provided construction management services for the erection of the Bulk Loading building at the American Sugar Refining facility in Chalmette, Louisiana. The Bulk Loading building project entails the construction new building and modification of an existing building for truck and rail loading. Responsibilities included: • Maintaining organization of the project job site • Maintaining delivery schedules for all material and equipment • Scheduling and holding weekly job site meetings with all contractors and client representatives • Maintaining safety and quality control
3/2021 - 8/2021	<u>Black Pearl East Carrollton Group A Water Line Replacement – New Orleans, LA</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.

Firm employed by	The Beta Group		
Name	Roy Glapion	Years of relevant experience with this employer	10
Title	Vice President	Years of relevant experience with other employer(s)	26

Degree(s) / Years / Specialization			Bachelor of Science / 1987 / Civil Engineering
Active registration number / state / expiration date			27450 / LA / 3/31/2024
Year registered	1997	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities			Mr. Glapion graduated from the University of New Orleans in 1987 with a degree, BSCE, in CivilEngineering. He has practiced his profession with numerous prominent engineering firms locatedthroughout the greater New Orleans area. With an emphasis in Structural Design, Mr. Glapion hasextensive experience in Foundation, Vertical Structure, Floodwall, Bridge and Drainage Design. In addition to his design experience, Mr. Glapion is the Co-Founder of Citywide Testing and Inspections,Inc. He served as the President of this organization. At its peak, Citywide employed over 100 people. Citywide was a multi discipline construction, environmental and geotechnical testing laboratory withoffices located in New Orleans, Baton Rouge, LA and Biloxi, MS. As the prime consultant, Citywideprovided services on numerous prestigious projects such as: The New Orleans Sports Arena, SuperdomeRoof Improvements, Jordon Road Overpass, John A. Alario, Sr. Event Center, Pontchartrain CenterExpansion, Ernest N. Morial Convention Center Expansion and the Katrina Recovery. In 2007, Mr. Glapion liquidated Citywide to a National Testing agency where he served as the SeniorVice President responsible for increasing market share, operational and business developmentstrategies. In his 6 years with this organization, he was able to increase the company's market share by aminimum of 40%. Mr. Glapion currently serves as a Vice President/Member of The Beta Group. As reflected in his pastexperience, he is responsible for the growth of this company through acquisitions and/or detailedstrategies involving business development, data collection, market analysis. This is inclusive of Louisiana,Mississippi and Alabama.

Experience and qualifications relevant to the proposed contract; *i.e.*, “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).

Perimeter Road New Orleans Airport, Louis Armstrong International Airport, Kenner, Louisiana - Mr. Glapion's firm was responsible for the construction materials testing for the project. This was a $4million project that including widening the perimeter road and upgrade the surface from gravel toconcrete.

Jordon Road Overpass - Mr. Glapion was the Lead Engineer responsible for the design of the North to South and South to NorthHighway Bents for the Jordan Road Overpass, as well as the management and over-site of staff relevantto the construction documents.

Firm employed by	The Beta Group		
Name	Alex Jaramillo, P.E.	Years of relevant experience with this employer	13
Title	Technical Manager / Geotechnical Engineer	Years of relevant experience with other employer(s)	16

Degree(s) / Years / Specialization			Bachelor of Science / 1999 / Civil Engineering
Active registration number / state / expiration date			36324 / LA / 9/30/2025
Year registered	2011	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities			As a geotechnical engineer, MR. Jaramillo manages various types of geotechnical projects, which vary from residential to heavy industrial. He additionally prepares geotechnical reports containing recommendations for soil bearing capacity, settlement, pile capacities, rigid and flexible pavement design, material requirements, and site preparation. He also monitors drilling crew field operations. As technical manager of Beta, Mr. Jaramillo is responsible for maintaining proper supervision and training for inspection personnel. He conducts technical classes and participates in the formulation of company policies. He solves problems with ongoing projects, reviews inspection reports for accuracy and completeness, and analyzes and interprets lab test results. When needed, he troubleshoots concrete field problems. Finally, as technical manager, he maintains the laboratory accreditation and technical competence.

In the field, Mr. Jaramillo is capable of performing subsurface explorations which mainly include rotary wash methods. He has performed inplace density tests, and has set up and run static pile load tests, logged piling, and operated mobile and stationary coring rigs. In the laboratory, he is capable of performing aggregate and soil testing such as grain size analysis, soil classification, specific gravity, unconfined compression tests, compaction tests, atterberg limits, hydrometer analyses, triaxial compression tests, etc. He has planned testing methodology and performed tests to determine engineering criteria to be used in analyses in determining settlement, shallow foundations and deep foundations. Currently, as a Senior Project Manager of The Beta Group, Mr. Jaramillo is responsible for:

- *All geotechnical activities including performing subsoil explorations, completion of soils laboratorytesting, geotechnical analyses for projects and completion of the geotechnical report.*
- *Preparation, presentation and management of scope, budgets, and work plan*
- *Review daily field inspection reports for accuracy and completeness*
- *Monitor the soil laboratory activities*
- *Coordinate logistics, such as staffing and subconsultants*
- *Supervise and interpret field & laboratory testing/data for use in engineering analyses*
- *Ensure services provided are technically satisfactory and effective*
- *Monitor that the project goals and quality objectives are being provided*
- *Responsible for routine communication with client during the project*
- *Supervise, train and mentor personnel in company/engineering procedures*
- *Prepare and review technical reports and ensure on-time delivery of the reports*
- *Assist in maintaining the laboratory accreditation and technical competence*

CERTIFICATIONS

- *Pile Driving Inspector*

Firm employed by	The Beta Group		
Name	Arthur Payne	Years of relevant experience with this employer	15
Title	Concrete Lab Manager	Years of relevant experience with other employer(s)	10

Degree(s) / Years / Specialization			High School Diploma
Active registration number / state / expiration date			N/A
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities			Mr. Payne has 25+ years of experience in the construction industry, including inspection and qualityassurance for: new building construction, sewer replacements, canals, levees, sector gates, pumpstations, and berms in Southeast Louisiana area. For the projects listed below, he oversees day to dayprogress and quality assurance, writes monthly weather data sheets, weekly labor interviews,performs daily safety inspections, tracks submittals, reviews pay requests, monitors testing materials,prepares daily inspection reports, provides as-built drawings and NCR reports, and manages contractdisputes and contract modifications. Certifications include: ACI Concrete Field Testing Technician - Grade 1Troxler

Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).

Louis Armstrong International Airport New Terminal, Kenner, LA. Construction Inspector: Overall,work at the airport is estimated to be $950 million. That includes $761.5 million for the design andconstruction of the new terminal, a 2,000-space parking garage and items such as additional parkingareas and the partial demolition of the current terminal. Another $45 million will go toward otherimprovements at the airport, including relocating lighting and navigational aids and a new accessroad. Additional work will include a new $87 million flyover ramp from Interstate 10 and a $39million fuel system that will allow planes to fill up from pumps rather than fuel trucks. A hotel at theairport that will be built by a private developer is expected to add another $17 million to the total.TBG is responsible for the Quality Control Testing for the project. Overall Cost of the project is $1Billion.

Corrections to Pavement Settlement Runway 11-29. Construction Inspector: This project was causedand complicated by a new runway and extension being built over the existing runway and over a pile- supported bridge structure that ran transverse across the new runway path, both of which will alsoaffect the new Taxiway Gulf extension. In between these two relatively stiff elements, the native soilmaterial, subject to new loading and continued generalized groundwater pumping, consolidatedrapidly, dropping almost a foot relative to the original installation elevation. Further complicating thesituation, the sag was fully within the aircraft touchdown zone. The design consisted of milling of theexisting concrete pavement to a depth four inches below the proposed pavement surface. Existinglighting was raised to match the new pavement elevation. Existing taxiway connections and allassociated pavement shoulders were elevated to match the new pavement. The entire projectcovered 800 linear feet of 150-foot-wide runway, with two taxiway connections and asphaltshoulders.

17. Firm Experience:

Identify the team's project experience **most relevant** to the scope in the advertisement. **The projects should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a single sub-consultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm name	Infinity Engineering Consultants, L.L.C.		Past Performance Evaluation Discipline(s)*	Bridge, CE&I/OV	
Project name	Shintech Water Intake Platform & Vehicular Bridge Design/Construction Management		Firm responsibility (prime or sub?)	Prime	
Project number	21-009	Owner's name	Shintech		
Project location	Plaquemine, LA		Owner's Project Manager	Nathan Ferrington	
Owner's address, phone, email	26270 Highway 405, Plaquemine, LA 70764, 225-684-2105, nferrington@shin-tech.com				
Services commenced by this firm (mm/yy)	4/2021	Total consultant contract cost ($1,000's)		$250	
Services completed by this firm (mm/yy)	2/2024 (Est)	Cost of consultant services provided by this firm ($1,000's)		$250	

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

Infinity was tasked with providing engineering services related to the design of a new water intake platform and vehicular bridge for Shintech's SPP3 plant in Plaquemine, LA. This multi-disciplinary design consisted of field services, civil, structural, mechanical, electrical, instrumentation, and construction administration. Throughout the construction duration Infinity has been providing construction administration and resident inspection services overseen by one of Infinity's construction managers.

Project Relevancy

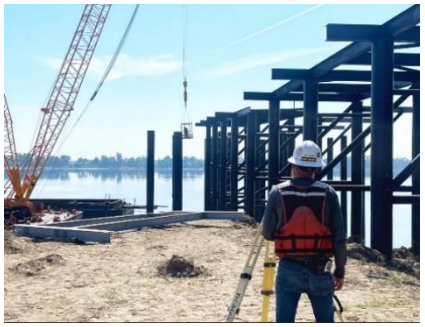
- **Construction Management of Water Intake Platform**
- **Resident Inspection Services**
- **Power Distribution and Grounding Design**
- **Advanced Measurements – Done Inspection**

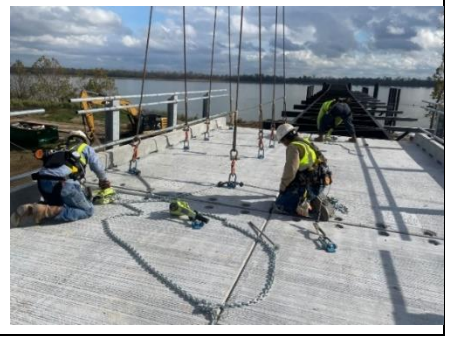
The civil and structural scope consists of the design of the following:

- Heavy equipment concrete bridge to the new platform
- Vehicular levee crossing
- Piling and concrete foundations
- Steel platform and drift deflector

Additionally, Infinity is tasked with specifying a jib crane and designing the platform to accommodate the crane loads. Finally, Infinity is to update the calculations for the existing structure to include a load analysis of proposed piping. 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.

The field services scope contained performing hydrographic and topographic surveys of the existing site conditions as well as capturing the conditions with drone photography and videography. Total cost of project: $15,000,000





Firm name	Infinity Engineering Consultants, L.L.C.		Past Performance Evaluation Discipline(s)*	Road, Traffic, CE&I/OV	
Project name	Canal Street/City Park Avenue Intersection Improvements		Firm responsibility (prime or sub?)	Prime	
Project number	13-008	Owner's name	New Orleans Regional Transit Authority		
Project location	New Orleans, LA		Owner's Project Manager	Stephen Mitchell (No Longer with RTA)	
Owner's address, phone, email	2817 Canal Street, New Orleans, LA 70119 | 504-827-8393 | dlafrance@rtaforward.org				
Services commenced by this firm (mm/yy)	8/2013		Total consultant contract cost ($1,000's)	$912	
Services completed by this firm (mm/yy)	1/2018		Cost of consultant services provided by this firm ($1,000's)	$465	

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

As the prime consultant for the final phase of the Canal Streetcar Line refurbishment, Infinity was tasked with designing a transportation hub that seamlessly and safely integrated the streetcar line, bus lanes, vehicular traffic, cycling lanes, and pedestrian walkways. Deemed the "worst" intersection in the city by the RTA and Department of Public Works, Infinity redesigned the terminal to improve vehicular and streetcar safety. The new alignment improved traffic flow by adding proper signalization along City Park Avenue and Canal Boulevard; serving over 50,000 cars, buses, trucks, streetcars, and pedestrians every day.

Project Relevancy

- **Decorative Street Lighting Power**
- **Construction Traffic Coordination**
- **Lighting Protection Systems**
- **Construction Resident Inspection**

Infinity's electrical engineering designs included:

- Decorative Street Lighting Power
- Track Power and Support poles (catenary system)
- Underground Utility Relocation Design
- Terminal lighting protection systems
- Project Management

Infinity's multi-discipline team collaborated on all components of the civil, mechanical, and electrical engineering needed for this project. Consequently, Infinity was able to provide in-house design for the roadway replacement, track power and support poles (catenary system), underground utility relocation design, terminal mechanical and lighting protection systems, and streetcar track foundations.

Total cost of project: $10, 000,000.

Firm name	Infinity Engineering Consultants, L.L.C.	Past Performance Evaluation Discipline(s)*	CE&I/OV
Project name	Canal Street Ferry Terminal CMAR	Firm responsibility (prime or sub?)	Prime

Project number	18-076	Owner's name	Regional Transit Authority of New Orleans
Project location	New Orleans, LA	Owner's Project Manager	Darrell LaFrance
Owner's address, phone, email	2817 Canal Street, New Orleans, LA 70119 | 504-827-8393 | dlafrance@rtaforward.org		
Services commenced by this firm (mm/yy)	3/2019	Total consultant contract cost ($1,000's)	$2,337
Services completed by this firm (mm/yy)	11/2023	Cost of consultant services provided by this firm ($1,000's)	$2,337

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

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 to be the prime consultant to design the reconfiguration of the terminal specifically for foot traffic.

Project Relevancy

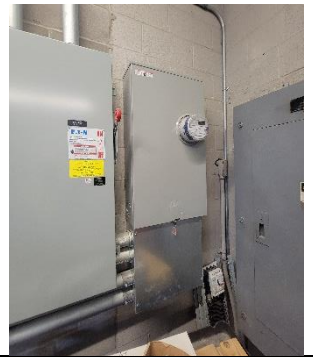
- **CMAR Delivery Process**
- **Electrical Site Lighting Design & Construction**
- **Construction Resident Inspection**
- **Contractor Coordination**

Per the conceptual drawings, the new terminal includes a new dock structure to infill the space between the two neighboring wharf structures where the previous ferry terminal was located. A temporary boarding barge was designed to be utilized during construction to maintain use of the ferry terminal. Throughout the duration of construction, Infinity provided resident inspection services, as well as utilized advanced measurements methods. Infinity's advanced measurements team performed a laser scan of the previous terminal building prior to demolition, as well as used aerial drone imaging for construction inspection purposes.

Infinity provided engineering designs and developed construction drawings for selected portions of this project, which included the following items:

- Demolition plans and modification of neighboring wharfs
- Ferry terminal building mechanical/electrical/plumbing
- Site lighting design
- Design of new wharf structure
- New ferry terminal building structural designs
- Subsurface utility relocation designs
- Removal and replacement of existing waterlines
- Structural design of architectural canopy supports
- Modifications to the existing boarding barge, including new pedestrian gangways
- Streetcar track designs
- Overhead Contact System (OCS) and train control designs

Total Cost of Project: $32,000,000



Firm name	Infinity Engineering Consultants, L.L.C.		Past Performance Evaluation Discipline(s)*	CE&I/OV	
Project name	IMTT New Dock #4 Design & Construction		Firm responsibility (prime or sub?)	Prime	
Project number	14-076	Owner's name	International Matex Tank Terminals		
Project location	Geismar, LA		Owner's Project Manager	Hans Tharp	
Owner's address, phone, email	321 St. Charles Ave., New Orleans, LA 70130 | 504-619-2289 | hans@imtt.com				
Services commenced by this firm (mm/yy)	3/2015	Total consultant contract cost ($1,000's)		$1,115	
Services completed by this firm (mm/yy)	3/2021	Cost of consultant services provided by this firm ($1,000's)		$1,115	

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

Infinity was the prime consultant responsible for all structural, civil, mechanical, and electrical designs associated with the design and construction of a new ship and barge dock at IMTT's Geismar Terminal. IMTT sought to expand the dock capacity on the river for a new liquid terminal by establishing a new ship and barge dock immediately upstream of an existing dock.

Project Relevancy

- **Electrical & Instrumentation Design**
- **Site Lighting Design**
- **Piping & Pipe Bridge Design**
- **Construction Resident Inspection**

Infinity designed the new dock, located on the Mississippi River, in line with the current dock such that the two will have one common fenderline. The dock itself is a small rectangular deck area with a hose tower on top. Flanking the dock are independent breasting and mooring dolphins for both barges and ships. The dock is fed by a new pipe rack and walkway that tie into the existing rack just behind the existing dock. Throughout construction, Infinity provided construction administration and resident inspection services.

The electrical designs included new electrical power and control systems to tie in to existing electrical power and SCADA systems at the previous terminal facility. The project included the extension of the existing 480 Volt, 3 Phase power distribution system to a new Motor Control Center in a new dock house building, extension of existing single mode and multi-mode fiber optic DCS, SIS, and plant data systems to the new dock house, power for new telemetry controlled hose tower crane, power and controls for safety shut down systems, site lighting, control stations, grounding, waste water level control systems, navigation lighting, instrumentation for pumping operations and safety systems.

The dock services ships up to perhaps 650 feet in length with no more than 45 feet of draft, as well as river barges. The project has been permitted by the U.S. Army Corps of Engineers for this purpose. Total cost of project: $25,000,000.

Firm name	Infinity Engineering Consultants, L.L.C.		Past Performance Evaluation Discipline(s)*		Road, CE&I/OV
Project name	Glenwood Street Lighting Design & Construction			Firm responsibility (prime or sub?)	Prime
Project number	18-013	Owner's name	Jefferson Parish		
Project location	Metairie, LA		Owner's Project Manager	Ryan Breaux	
Owner's address, phone, email	1221 Elmwood Park Blvd., #802 Jefferson, LA 70123 | 504-736-6500 | rabreaux@jeffparish.net				
Services commenced by this firm (mm/yy)	7/2018	Total consultant contract cost ($1,000's)		$63	
Services completed by this firm (mm/yy)	11/2021	Cost of consultant services provided by this firm ($1,000's)		$63	

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

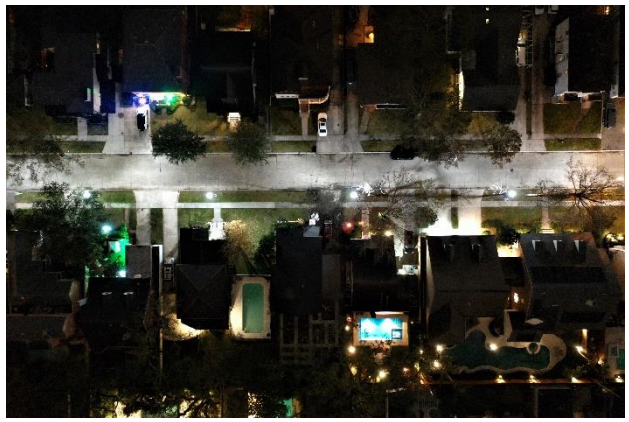
Infinity was the prime consultant for the establishment of street lighting on 1,900 linear feet of Glenwood Drive beween Metairie Road and Fairmont Drive. Prior to this project, no streetlighting existed along Glenwood Drive.

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.

Project Relevancy

- **Street Lighting Design**
- **Construction Resident Inspection**

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.



Firm name	The Beta Group		Past Performance Evaluation Discipline(s)*	CE&I/OV
Project name	Severn Avenue Veterans – W. Esplanade		Firm responsibility (prime or sub?)	Sub
Project number	H.011752	Owner's name	Jefferson Parish Dept. of Engineering	
Project location	Metairie, LA		Owner's Project Manager	Command Construction
Owner's address, phone, email	7600 Innovation Park Drive, Baton Rouge, LA 70820 | 225-769-2810			
Services commenced by this firm (mm/yy)	11/19	Total consultant contract cost ($1,000's)		
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)		$161

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

Project description: Removal and replacement of roadway, sidewalks, ADA ramps, pedestrian crosswalks, and the installation of cross signals. This project is part of the STIP (Statewide Transportation Improvement Program). The goal of this project is to provide better and safer means of travel for pedestrians due to the increased traffic in the area.

Services provided: The Beta Group provided concrete inspections, soils testing and compaction testing, and vibration monitoring. TBG is serving as one of two testing laboratories on this project providing construction materials testing services. This project began in 2019 and is nearing completion.

The following personnel worked on this project: Thony Somoza, Mariana Cure, Shawn Morris, Jan Patrolia, Logan Rome, Larry Reinhardt, Aubrey Moore, Derek Thornton, and Arthur Payne.

Firm name	The Beta Group		Past Performance Evaluation Discipline(s)*	CE&I/OV
Project name	Belle Chasse Bridge & Tunnel Replacement Project		Firm responsibility (prime or sub?)	Sub
Project number	H.009471	Owner's name	ECM Consultants	
Project location	Belle Chasse, LA		Owner's Project Manager	Traylor-Massman, Joint Ventrue
Owner's address, phone, email	1301 Clearview Pkwy., Suite 200 Metairie, LA 70001 – (504) 885-4080			
Services commenced by this firm (mm/yy)	2/21	Total consultant contract cost ($1,000's)		Unknown
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)		TBD

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

Project description: Removal and replacement of the existing Belle Chasse Bridge and Tunnel. This project will rid of the use of a draw bridge and begin the use of a toll bridge high enough for ships to pass beneath. This will allow better traffic flow coming in and out of Belle Chasse, Louisiana. Services provided: So far The Beta Group has provided concrete testing as well as soils and compaction testing.

The following personnel worked on this project: Thony Somoza, Shawn Morris, Jan Patrolia, Derek Thornton, and Arthur Payne.

Firm name	The Beta Group		Past Performance Evaluation Discipline(s)*	CE&I/OV
Project name	I-12: LA 21 to US 190		Firm responsibility (prime or sub?)	Sub
Project number	H.013866	Owner's name	LADOTD: JB James Construction	
Project location	Covington, LA		Owner's Project Manager	Cain Gilfoil
Owner's address, phone, email	1881 Woodale Blvd. Baton Rouge, LA 70806- (225) 993-1007 – caing@jbjamesllc.com			
Services commenced by this firm (mm/yy)	6/20	Total consultant contract cost ($1,000's)		
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)		$150

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

Project Description: This project consists of removal, replacement, and widening of I-12 from LA 21 to US 190. A concrete wall with light pole fixtures was placed between the east and west bound lanes and a new bridge was placed over the Tchefuncte River.

Services Provided: The Beta Group is providing concrete inspections, soils testing and compaction testing, vibration monitoring, pile logging, and GPR testing. TBG is serving as the quality assurance for this project and we have a technician on site at least once a week. This project began in 2020 and is nearing completion.

The following personnel worked on this project: Thony Somoza, Mariana Cure, Logan Rome, Arthur Payne, Jan Patrolia, Larry Reinhardt, Aubrey Moore, Derek Thornton, and Shaw Morris.

18. <u>Approach and Methodology:</u>

Provide a description of how the work will be performed and provide the proposed project schedule. Include any additional information or description of unique resources that are planned to be used to produce the deliverables. Include any proprietary technologies, methods or approaches that will be used on this project to improve quality or efficiency. If the proposal is for an IDIQ contract, the consultant should review the scope of services in Attachment A to the advertisement to obtain a general understanding of what a typical task order would entail. Based upon that understanding, the consultant should provide a sample schedule that identifies the major milestones, deliverables, tasks, etc., to demonstrate sufficient understanding of a typical task order. The duration of the task order is not required. This section shall be limited to four pages. **If more than four pages are included, all pages after the fourth page will not be evaluated**.

If the consultant has information it believes is proprietary, label it accordingly.

Infinity offers a wide array of engineering services and technical support for contractors across all types of construction. Infinity understands the contractor's world as our team holds experience in the construction realm. We recognize that our role is to provide support to our clients by ensuring the implementation of engineered designs through final construction. Among the services we provide to contractors are:

- QA/QC Inspection Services
- Project Schedule Development
- Technical Submittals
- Turn-Key Design/Build Partnering
- Construction Traffic Planning
- Shop Drawing Preparation
- Rigging Design & Certification

Conceptual Plan of Action

Throughout the firm's history, Infinity has provided construction administration and resident inspection services for numerous projects above, over, and on the water. Often, these inspections have additionally included engineering repair designs and cost estimation reports. This experience has led to Infinity becoming well versed in the detailed planning and execution that comes with providing construction resident inspection. The following is a brief, high-level overview of Infinity's conceptual plan overseeing the installation of the lighting elements along the Crescent City Connection:

- Review current engineering plans and prior inspection reports
- Coordinate with key stakeholders on accessing the Crescent City Connection
- Conduct and attend pre-construction meeting with all relevant stakeholders
- Develop communications plan with DOTD to ascertain preferred format and method of maintaining construction field records
- Perform initial pre-construction visual inspections (if necessary)
- Share initial findings with LADOTD and the engineering firm of record
- Coordinate with DOTD and utility representatives for all planned construction impacting utility relocation
- Create construction timeline and schedule for coordinating necessary inspection/materials testing personnel
- Coordinate with key stakeholders on construction timelines that could impact traffic across the Crescent City Connection
- Prepare final estimate packages and *Summary of Test Results* documentation
- Submit to DOTD *As-Built* plans to reflect all changes from the original plan
- Conduct and record daily inspections of construction contractor's operations
- Review and provide documentation to the DOTD all contractor weekly payrolls in AASHTOware

Initial Inspections and Assessments

who will be charged with executing the project. Key DOTD staff who may be involved with the work should attend to provide input in lessening traffic disruption during the construction. This meeting will be held to discuss the following:

- Operation and traffic patterns of the bridge; rules and requirements to avoid impacting the traffic patterns
- Safety protocols along the Crescent City Connection
- Any relevant geotechnical or previous inspection reports
- Plans for future renovations or reconfigurations of the bridge
- The possibility to walk the site following the meeting. Infinity will ensure that all key personnel and sub-consultants possess TWIC credentials

Additionally, Infinity's engineers will seek to ascertain the optimal time to perform construction and protocols for blocking lanes of traffic along the Crescent City Connection during construction. The use of the two High Occupancy Vehicle lanes as a method of alleviating traffic will also be analyzed.

At the onset of the project commencement, the team will acquire from the DOTD and the engineering firm of record all available drawings and reports. As part of the construction engineering process, our team will review all plans for comparison to conditions found at the time of the pre-construction inspections. Infinity will key in on previously indicated areas of concern or recommended repairs to determine if the recommendations were carried out. Also, frequently repaired/replaced parts will be given special attention to determine a cause of failure. In addition, we also intend to interview any operator or maintenance personnel for direct feedback to any observations that they may have made regarding condition or performance.

Before conducting the inspection, the team will secure the site such that there are no threats to the public or personnel conducting the inspection. The flagman and site leader will prepare the site with safety cones, signs and will potentially re-direct traffic, as required. Infinity recognizes the heightened need to ensure the safety of all personnel working on the lighting installation. With over 63 million annual travelers, the Crecent City Connection is a vital artery connecting the East and Westbanks of the metropolitan New Orleans area. This volume of traffic creates an increased risk to the safety of each worker; thereby developing the proper safety procedures will be paramount to a successful project.

The project manager will coordinate all field activities with the DOTD's assigned project manager and when applicable, any sub consultants. Due to the continuous operation of the bridge, periods of time when traffic is low, or lanes can be taken out of service, need to be identified prior to scheduling. During the initial inspections, Infinity will extensively document the conditions of the bridge elements affecting by the construction in accordance with ASCE MOP No. 130. Infinity's engineers and resident inspectors have the capabilities to provide the following types of inspections:

- Structural Integrity
- Electrical Components
- Underwater Drone Inspections
- Aerial Drone Inspections
- Condition Surveys
- Mechanical Components
- Hydro Survey
- Aerial LiDAR

Inspection Findings & Reporting

Once the preliminary inspections are coordinated and completed, Infinity will provide an initial findings report to the DOTD within 30 days. This report will make note of any critical components that could impact safety during construction. Additionally, Infinity's engineers will review the current plans designed by the engineer of record to ascertain if there are any discrepancies in the plans compared to the current conditions on the Crescent City Connection.

Infinity's engineers will prepare the final opinion of probable cost which will include within this cost analysis considerations for "increased code compliance" costs. This provides for the upgrade of an item or system that may have been constructed to an obsolete code to be repaired/replaced in compliance updated codes. If necessary, Infinity will participate in joint inspections with the DOTD to review of any of the report findings.

For all main components an overall rating will be included, such as a numerical rating of 0-9. Photographs of any damaged items that will need to be repaired will be included with the report. The engineer will also include a written summary with the report checklist that will describe the overall condition of the bridge and give a detailed explanation of any major defects.

Engineering Designs & Construction Documents

Should the development of any additional engineered designs and preparation of construction drawings be necessary, Infinity intends to utilize its team of engineers to complete these tasks effectively and efficiently. Infinity's electrical team holds extensive with power and lighting systems. Engineered designs will be managed and lead by a designated Professional Engineer of Record that is specifically licensed by LAPELS in either civil, mechanical, or electrical discipline(s), as required per the project scope.

Infinity's electrical engineering manager, John Lawrence, P.E., holds over 33 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. As Infinity's Principal Electrical Engineer, Mr. Lawrence is responsible for electrical scope development, schedule coordination, budgeting, estimating, and cost control.

Additionally, Infinity plans to assign Cindy Gallo, P.E. as the project manager. As Project Delivery Manager, Ms. Gallo leads Infinity's project management discipline, focusing on effective project completion and exceptional client satisfaction. Ms. Gallo brings over eight years of experience in project management and civil/structural and marine engineering design to this client-focused role., Ms. Gallo's structural engineering expertise has been lent to a diverse set of project types including maritime, bridge, and facility designs.

Once the DOTD has established a direction for any proposed changes, Infinity can develop construction documents for the proposed designs. Infinity will work alongside the DOTD to incorporate further construction administration and resident inspection services.

Construction Administration & Project Closeout

Infinity has teamed with The Beta Group to provide construction materials testing services. The Beta Group (TBG) is an engineering and construction services firm, specializing in geotechnical and forensic engineering, construction materials testing, construction project management and light construction activities. TBG is a regional leader in engineering, construction materials testing and construction services with two offices in Louisiana and 38 employees. Since forming in 1997 TBG has serviced over 6,000 projects and hundreds of clients. Additionally, the Beta Group is a certified DBE firm.

The Beta Group will ensure the required field-testing will be undertaken for quality assurance in accordance with the latest DOTD Sampling and Testing Manual. This includes the collection, submission, and proper documentation of all sampled materials to be tested by the DOTD District Testing Laboratories.

Throughout the duration of the construction, Infinity's resident inspectors will be onsite observing and documenting the contractor's progress. To ensure the adherence to the construction timeline, Infinity will hold periodic status meetings, the timeline of which will be determined during the initial project kickoff meetings. Additionally, the Infinity team will review and provide documentation to the DOTD all contractor weekly payrolls in AASHTOware.

Construction closeout services will be provided; including, substantial completion inspections, the development of punch-lists, and final acceptance inspections, along with the preparation of record drawings. Having an experienced QA/QC inspector who is familiar with the critical components of a project is vital to the success of the job. Additionally, our inspectors receive constant support and communication from the engineers who will have familiarity with the designs of the

project. Infinity inspectors coordinate between the contractor and the client to better understand budgets, deadlines, and the bottom line. If any construction deviations occur, Infinity inspectors are in the field to resolve any questions on site.

Skills/Knowledge/Experience with Local Conditions

As a New Orleans Metropolitan Area based engineering firm operating across the Gulf Coast, Infinity is acutely aware of the topography, hydrography, soil conditions, and weather patterns of New Orleans. When creating providing any design and construction administration service, Infinity's engineers account for the local conditions, especially when working along the Mississippi River. Infinity has prepared construction engineering designs which ranged from a few thousand dollars to several million dollars completely with in-house staff.

Being that our firm is local, the majority of our workload is local. Our employees are local, and our teaming partners are local. It follows that the individual professional work experience of each has primarily been performed with consideration for local physical, geological, and chemical conditions. Our team believes that local conditions mean more than weather patterns, soil parameters, groundwater chemistry, and river stages. Understanding how to work with local agencies is a critical aspect of understanding the local conditions and is vital for executing and completing a project ahead of schedule and under budget. This applies worldwide, not only in Louisiana. The team we have assembled for this project has exceptional agency experience with The Port of New Orleans, New Orleans Public Belt Railroad, The City of New Orleans, The Corps of Engineers, The Sewerage and Water Board of New Orleans, Entergy, and The State of Louisiana. We have worked with each of these agencies by either directly providing service or through the permitting process for other projects, and we have established working relationships that help to keep the projects moving in a positive direction.

Capacity: Because we do not currently have a significant backlog of work beyond 2024's 1st quarter, if selected for this contract, Infinity is well positioned to focus on the needs of LADOTD. With **(10) Civil/Structural engineers** on staff, we will have roughly **12,000 of potential engineering man-hours** available going into 2024. This does not include the added depth of our subconsultants and our drafting staff.

Reputation and References: Infinity prides itself on customer satisfaction accomplished through producing good work for every project. We recognize that as consultants, the most important element of our existence is our reputation. Infinity has a great track record for repeat customers and referrals and shares a favorable reputation in the local engineering and business community. As evidence of that, it is best to point to the kind words written on our behalf in both the public and private sector that speak to Infinity's professionalism, quality of work, respect for cost and budget, and schedule.

Ken Dugas, P.E., Chief Engineer Plaquemines Parish - "Infinity completed a very thorough drainage study to justify expanding Ollie Drainage Pump Station. The $16,500,000 station addition was constructed and has performed, as designed, through several heavy rain events and hurricanes. Infinity has designed several street and utility infrastructure improvements…They've proven to be good stewards of public funds. I would highly recommend Infinity."

Martin Pospisil, EUR ING, Director of Infrastructure, Regional Transit Authority – "Due to 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 all dock structural components, including land and river piles, decks, and foundations, civil plans, and utility re-locations. I would highly recommend Infinity Engineering Consultants for projects requiring any riverfront developments."

Billy Nungesser, Lt. Governor and Former Plaquemines Parish President – "Based on our familiarity with Infinity Engineering through their design of the Ollie Drainage Pump Station Expansion…we had the confidence in this firm to provide the expertise necessary 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. I would recommend Infinity Engineering."

19. Workload:

For all contracts where a firm on the team is a prime consultant or sub-consultant and where **a)** the consultant selection was made by DOTD, and **b)** a contract was executed by the consultant and the contracting entity by the date the advertisement for this proposal was posted, list all work meeting the following criteria:

1) one of the team's firms is responsible for the performance of the work;
2) authorization to perform the work has been provided, as provided in the contract between the consultant and the contracting entity;
3) the work has not yet been performed and invoiced; and
4) the work is not currently suspended for an indefinite period of time.

For indefinite delivery/indefinite quantity (IDIQ) contracts, list open Task Orders individually.

List only the portion of the fees attributable to firms on the team.

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
Infinity Engineering Consultants, L.L.C.	Bridge	H.014267.5	Off-System Highway Bridge Program Savanne Road Over Hanson Canal	N/A
Infinity Engineering Consultants, L.L.C.	Bridge	H.014265.5	Off-System Highway Bridge Program North River Road Over Irving Branch	N/A
Infinity Engineering Consultants, L.L.C.	Bridge	Contract: 4400021516 State: H.013818, H.013818, H. 011986, H.012734	Moveable Bridges (5) Pointe Coupee, Lafourche, and Terrebonne Parishes	N/A
The Beta Group, L.L.C	CE&I/OV	H.012560	LA 23 Tunnel	$3,508
The Beta Group, L.L.C	CE&I/OV	H.013114.6	Southern University Erosion & Road Improvement	$817
The Beta Group, L.L.C	CE&I/OV	H.009471	Belle Chasse Bridge & Tunnel Replacement Project	$280
The Beta Group, L.L.C	CE&I/OV	H.013866	I-12:LA21 to US 190	$45,219

(Add rows as needed) DO NOT SUM

* The **only** past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify). If a firm has more than one past performance evaluation discipline for any single project, the firm can use multiple rows to express the remaining unpaid balance per evaluation discipline.

** Round to the nearest dollar. **Do not** round to the nearest thousands. If there are no active contracts with a remaining unpaid balance, place N/A in the Remaining Unpaid Balance column. NOTE: ALL FIRMS MUST BE REPRESENTED IN THIS TABLE. LEAVING THE "REMAINING UNPAID BALANCE" COLUMN BLANK IS NOT ACCEPTABLE.

19. <u>Certifications/Licenses:</u>

If the advertisement requires submission of licenses and/or certificates, include them here. **Otherwise, leave this section blank**.

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Ricardo Contreras
has attended
Traffic Control Technician-LA State Specific
Training Course

4/28/2020 to 4/28/2020
Date

Baton Rouge, LA
Location

Vice President of Member Services

President, CEO

ATSSA American Traffic Safety Services Association ATSSA.com

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Ricardo Contreras
has attended
Traffic Control Supervisor-LA State Specific
Training Course

4/29/2020 to 4/30/2020
Date

Location

Vice President of Member Services

President, CEO

ATSSA American Traffic Safety Services Association ATSSA.com

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

Name:	Public Address:
Infinity Engineering Consultants, LLC	Mr. William Thomassie4001 Division Street Metairie, Louisiana 70002

License/Certificate Information w/ Supervision

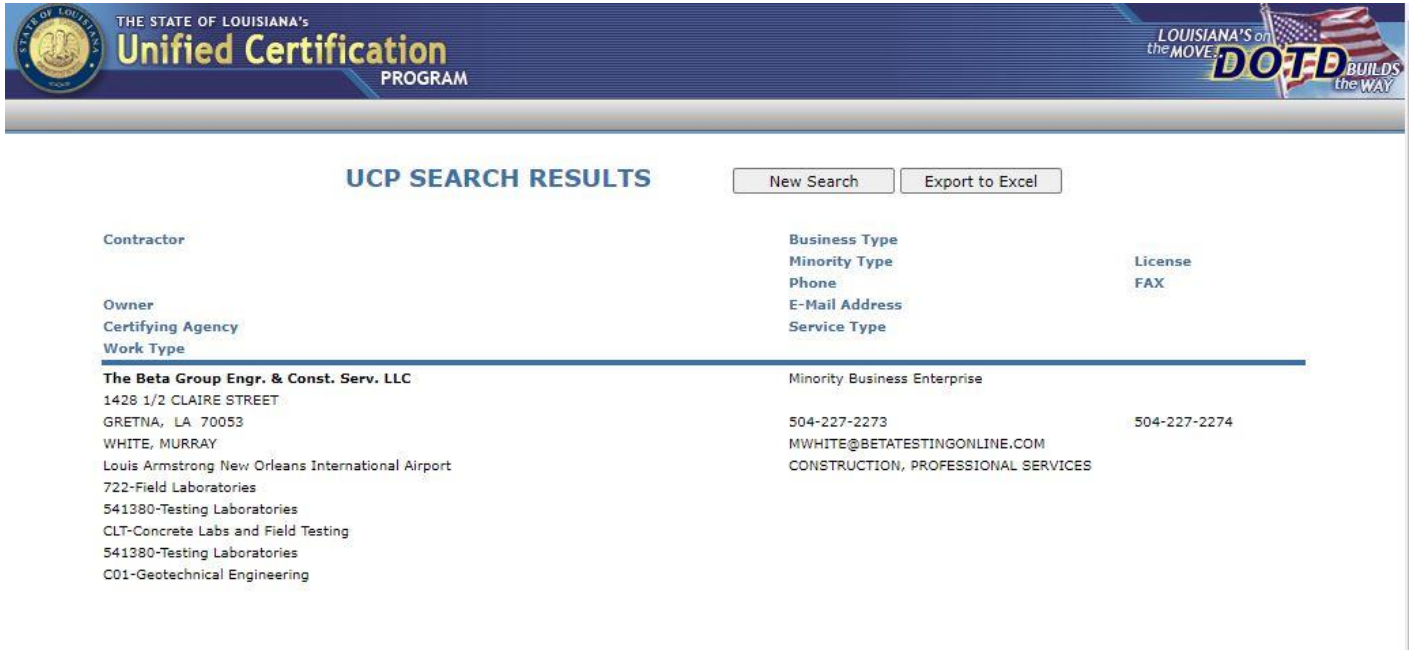
License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0003109	Active	03/09/2004	09/30/2024	Mr. William John Thomassie # PE.0027421 ; Mr. Raoul Vincent Chauvin III # PE.0028272

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

Name:	Public Address:
The Beta Group Engineering & Construction Services, LLC	Mr. Murray White P.O. Box 2203 Gretna, Louisiana 70054

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0004838	Active	06/09/2011	09/30/2025	Mr. Alexander Matthew Jaramillo # PE.0036324



RTA
Regional Transit Authority

November 15, 2023

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, 2024**. *However, should you not receive notification from this office regarding 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)

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, 2023- November 30, 2024

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

21. QA/QC Plan:

If the advertisement requires submission of a QA/QC plan, include it here. **Otherwise, leave this section blank. If a QA/QC plan is included in this section and was not required by the advertisement, it will be redacted**.

22. Sub-consultant information:

If one or more sub-consultants will be used, provide the name, address, point of contact and phone number for each. Otherwise, leave this section blank.

Firm Name (Name must match as registered with Louisiana's Secretary of State)	**Address**	**Point of Contact and email address**	**Phone Number**
The Beta Group Engineering & Construction Services, L.L.C.	1428 Claire Ave., Gretna, LA 70053	Murray D. White mwhite@betagroupgc.com	(504) 227-2273

(Add rows as needed)

23. Location:

If location is an evaluation criterion for this advertisement and the prime consultant intends to establish a local presence, describe the plan for doing so. **Otherwise, leave this section blank. Any information included in this section will be redacted if not required by the advertisement**.