

Hartman Engineering, Inc.

Consulting Engineers

May 26, 2021

Jefferson Parish Council

Uploaded to the e-Procurement site at www.jeffparishbids.net

Subject: Provide professional engineering services related to the design for the
Rehabilitation of the Transcontinental & Belle Lift Station (E8-1)
Resolution No. 137449
Response to Request for Statement of Qualifications

To Whom It May Concern:

We are pleased to respond to your Request for Statement of Qualifications on the above subject project. We are a Jefferson Parish engineering firm with over three decades of experience providing critical civil and environmental engineering services to public and private clients, including sewerage treatment and collection planning, design, and management services. HEI has a proven history of providing excellent professional services to local clients and is therefore intimately familiar with local geographic and environmental conditions. We have submitted our response via the e-Procurement site at www.jeffparishbids.net for your review and consideration.

We believe our team's past and current experience on these projects will make us a prime candidate for this project. Please feel free to contact us at 504-466-5667 if you require any additional information.

Sincerely,

Hartman Engineering, Inc.



Jared B. Monceaux, P.E.
President

JBm/pc

Enclosures



Jefferson Parish
TEC Professional Services Questionnaire

Revised Form 07/15/15

Jefferson Parish TEC Professional Services Questionnaire Resolution No. 137449



HEI Hartman Engineering, Inc.
Consulting Engineers

in association with



**BRYANT HAMMETT
& ASSOCIATES, LLC**
CIVIL ENGINEERING & LAND SURVEYING



Marrero, Couvillon & Associates, LLC
Baton Rouge • Metairie

**Provide professional engineering services
related to the design for the
Rehabilitation of the
Transcontinental & Belle Lift Station (E8-1)**

May 26, 2021

TEC Professional Services Questionnaire**A. Project Name and Advertisement Resolution Number:**

Provide professional engineering services related to the design of
Nursery & Poplar and Metairie Court & Poplar Lift Station Rehabilitation
Resolution No. 135189

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

HEI Hartman Engineering, Inc.
Consulting Engineers

527 West Esplanade Avenue, Suite 300
 Kenner, Louisiana 70065

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

Jared B. Monceaux, P.E., President • LA License No. 32202 (2006)
 jmonceaux@harteng.com
 225-313-4617 • 225-313-6127 fax

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

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 jmonceaux@harteng.com
 225-313-4617 • 225-313-6127 fax

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

2	Administrative		Estimators			Specification Writers
	Architects (Licensed)		Geologists		1	Structural Engineers
	Chemical Engineers		Geotechnical Engineers			Graduate Engineers
4	Civil Engineers		Interior Designers			Project Managers
2	Construction Inspectors		Landscape Architects			Clerical
	Ecologists		Land Surveyor			Grant/Funding Specialist
	Electrical Engineers		Mechanical Engineers			Sanitary Engineers
2	Engineer Intern	1	Environmental Engineers		1	Designer
	Professional Land Surveyors	1	CAD Draftsman		1	Wastewater Process Specialist
1	Designer	1	Transportation Engineer		16	TOTAL

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

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

TEC Professional Services Questionnaire




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

1. Not applicable

2.

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

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

Name & Address:	Specialty	Worked with Firm Before (Yes or No):
1.  1428 1/2 Claire Avenue Gretna, LA 70053	Geotechnical Investigation	Yes
2.  1104 Dealers Avenue, Suite A Harahan, LA 70132	Surveying	Yes
3.  4354 S. Sherwood Forest Blvd. #D200 Baton Rouge, LA 70816	Electrical / Mechanical Engineering	Yes

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

15

TEC Professional Services Questionnaire

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

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Jared B. Monceaux, P.E.
President

Project Assignment:

Project Oversight

Name of Firm with which associated:

HEI Hartman Engineering, Inc.
Consulting Engineers

Years' experience with this Firm:

14 (2007)

Education: Degree(s)/Year/Specialization:

B.S. in Civil Engineering, 2001, University of Louisiana at Lafayette

Active registration: Year first registered/discipline:

Year First Registered: 2006

Discipline: Civil State: Louisiana License No.: 32202

Also registered in Mississippi (18867)

Other experiences and qualifications relevant to the proposed Project:

Mr. Monceaux has over twenty years of engineering design and project management experience with a variety of engineering projects including sewer pump stations, collection systems, transportation, structural, drainage, permitting, and wetland delineation. Mr. Monceaux has successfully managed projects from Natchez, MS to Grand Isle, LA, and many locations in-between. Tasks performed include scope, layout, design, permitting, bidding, and construction administration.

Ascension Parish East Bank North Regionalization Plan, Ascension Parish, LA. Preliminary design and modeling using InfoWorks ICM of over 40,000 customers. Preliminary design included modeling gravity and sewer forcemains, small and large pump stations, existing pump station rehabilitation, and routing analysis. HEI Project No. 12-031-16

UTL-18-0802, Hwy 42 Gravity Sewer Improvements (Cully Broussard Road to Harbor Lane), Ascension Parish, LA. Designed approximately 1,400 linear feet of gravity sewer (this included design of subsurface installation of

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PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Jared B. Monceaux, P.E.
President

approximately 100 linear feet of gravity sewer) along LA Hwy 42 from Cully Broussard Road to Lake Harbor Lane including two Hwy 42 crossings via Jack or Bore. This design work included all plan sheets and specifications necessary to bid out for construction. This work was required to connect existing and future services to the parish owned sanitary sewer line on the south side of LA Hwy 42. Additional Task Order was assigned (UTL-17-002 - Task Order No. HEI-19-002) Developed plans and specifications for an additional sewer tail line North of Hwy 42 {Galvez Seafood location) into the gravity main south of Hwy 42. Prepared DOTD permit applications for two (2) LA HWY 42 road crossings via Jack or Bore. HEI Project No.12-031-14

Germany Road Gravity Sewer Improvements, Ascension Parish, LA. HEI developed a preliminary engineering design and construction cost estimate for installation of sanitary sewer along Germany Road from Airline highway to LA Highway 44. HEI Project No. 12-031-15

UTL-17-002, Task Order No. HEI-19-003, LA HWY 42 – LA HWY 73 Roadway Corridor (Project Area P1-6), Ascension Parish, LA. HEI performed a preliminary engineering study to determine two potential sewer collection alignments / conceptual design including construction costs based upon finding of current sewer flows. HEI Project No. 12-031-12C

Project No. 07-PS-BD-0018 – Sullivan Road/Lovett Road/Wax Road Sewer Area, North Service Area NFE-C-0002, Baton Rouge, LA. Mr. Monceaux served as Project Manager and Design Engineer; the project involved sewer capacity upgrades which included the design and cost analysis of three submersible pump stations (0.55, 1.96, and 1.38 MGD), and the design and replacement of approximately 2,300 linear feet of gravity sewer and approximately 4,700 linear feet of sewer force mains. HEI Project #12-093-07

Project No.09-PS-UF-0001 - Sanitary Sewer System Upgrades Force Main and Gravity System Pump Station 58A SGC-C-PS58A (Staring Lane - Overflow Pump Station), Baton Rouge, LA. Mr. Monceaux served as Project Manager for the civil site layout for the 88 MGD Overflow Pump Station (58A) that flows directly to the South Waste Water Treatment Plant. HEI was a Sub-consultant to GEC on this project and design is 100% complete. HEI Project No. #12-093-08

Project No. 09-PS-MS-0034 - Sanitary Sewer System Upgrades (Booster Pump Station 514 Improvements), Baton Rouge, LA. Mr. Monceaux served as Project Manager for the civil site layout for the 77 MGD overflow pump station (514), HEI was a Sub-consultant to GEC on this project and design is 100% complete. HEI Project No. 12-093-10

DPW Project No. 11-FM-MS-0004, Sanitary Sewer System Improvements, Highland Road Pipeline Project, SGL-C-0003, East Baton Rouge Parish, LA. Design installation of 6,000 lf of gravity sewer with diameters on 12 through 27-inches. HEI Project No. 12-117-01

Project No. 11-PS-MS-0026 South Forcemain System Capacity Improvement Project, SFL-C-0003 (Multiple Pump Stations, Burbank Drive – Siegen Lane), Baton Rouge, LA. Mr. Monceaux served as Project Manager for

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President

6 Pump Station replacements, 0.5 to 12.5 million gallons per day (MGD) (150 – 9,000 GPM). Project includes replacement of one in-line booster pump station with a submersible pump station. HEI Project No. 12-093-11

DPW Project No. 13-TP-MS-0047, North Wastewater Treatment Plant Master Plan Plant Improvements Project, Baton Rouge, LA. Mr. Monceaux served as a Project Manager and senior QA/QC Design Engineer for the sub-consultant portion of this project which includes an interdisciplinary plan for capacity and performance improvements and rehabilitations at the plant. HEI responsibilities for this project include coordinating a proposed improvements master plant layout, design and layout of various types of yard piping, proposed potable water facilities, drainage analysis and design, grading, geometric roadway and pavement designs, striping and traffic control, and erosion control. Interdisciplinary coordination efforts and various permit requirements and application preparations (USACE wetlands, DHH, DEQ, Pontchartrain Levee District, CPRA, etc.), are also part of HEI responsibilities for this project. HEI is a Sub-consultant to CDM-Smith on this project, and design is 100% complete. HEI Project No. 12-093-12

Subsurface Improvements to Sena Drive (Phase I & II), Project No. 2009-040-DR, Jefferson Parish, LA. Design and construction administration for subsurface drainage improvements between Nero Street and West Esplanade Avenue consisting of gravity line installations watermain replacement, sanitary sewer replacement and the replacement of street, drive approaches and miscellaneous sidewalks. Extreme care had to be given to the existing live oak trees that lined both sides of the street. A professional arborist provided design assistance to the engineer. HEI Project No. 13-014-78

NOLA Motorsports Park, Laney Chouest (Owner), Jefferson Parish, LA. Project engineer for design of a 450-acre auto racetrack complex, including a go-kart track, miscellaneous service buildings, condominiums and other race track related facilities. Project included an overall site drainage study; design of access roads and parking areas (115,000 sy), 8" water mains (22,315 lf), 8" sanitary sewer (12,345 lf), multiple pump stations with force mains (11,400 lf), various sized storm drainage facilities (15,150 lf); and an overall site grading plan. HEI Project No. 13-115-01

SPN 576-26-0028, H.003559, Avenue D Drainage Improvements, Jefferson Parish, LA. Design of drainage project (funded in part by LADOTD Statewide Flood Control), in highly urbanized neighborhood, including the upgrade of approximately 20,000 lf of storm drain pipe (15" – 96") and relocating approximately 10,000 lf of (6" – 48") waterlines and 8" sanitary sewer. Entire road was reconstructed as part of the project. The Project is divided into six (6) phases generally described as follows:

Phase I, PWP No. 2008-043-DR, S.P.N. 576-26-0028(334). Installation of 54", 72" and 78"x122" arch pipe along 8th Street between Avenue C and Gaudet Drive, and 54" and 60" drain line along Allo Street between 6th Street and 8th Street. (JP Phase IV)

Phase II-A, PWP No. 2010-003-DR, S.P.N. 576-26-0028(335). Installation of 54"x88", 72", 62"x102" and 2 – 10'x7' box culverts along Avenue D between the Westbank Expressway and 6th Street. (JP Phase V)

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President

Phase III, PWP No. 2012-006-DR, S.P.N. 576-26-0028(336). Installation of 54" and 60" drain line along Avenue A, 60" and 72" along Avenue C, and 48" and 54" along Gaudet Drive between 6th Street and 8th Street. (JP Phase VI)

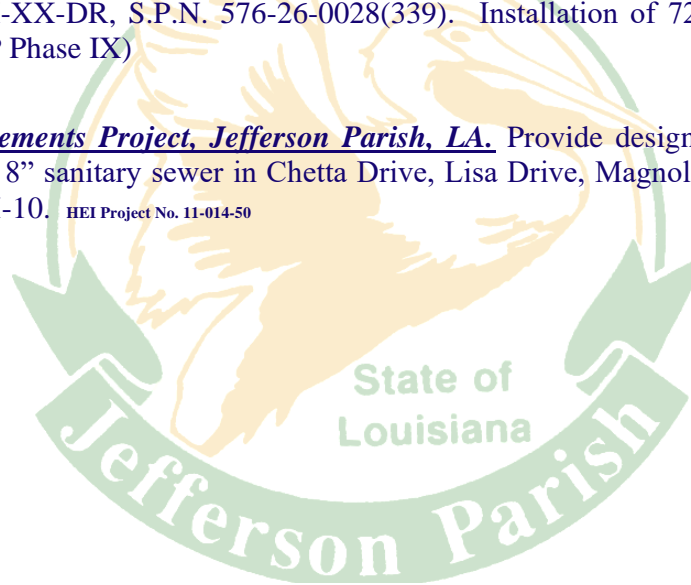
Phase IV, PWP No. 2014-026-DR, S.P.N. 576-26-0028(337). Installation of 48" drain line along Allo Street and Avenue C between 4th Street and 6th Street. (JP Phase VII)

Phase V, PWP No. 2019-014-DR, S.P.N. 576-26-0028(338). Installation of 42" and 48" drain line along Gaudet Drive and 48" and 54" along Avenue A between 4th Street and 6th Street. (JP Phase VIII)

Phase VI, PWP No. XXXX-XX-DR, S.P.N. 576-26-0028(339). Installation of 72" RCP on 7th Street between Avenue B and Avenue C. (JP Phase IX)

HEI Project No. 11-014-72, 12-014-76

Chetta Drive Sewer Improvements Project, Jefferson Parish, LA. Provide design and construction engineering services for 2700 LF of new 8" sanitary sewer in Chetta Drive, Lisa Drive, Magnolia Drive and Power Boulevard from Veterans Boulevard to I-10. HEI Project No. 11-014-50



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

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Jared B. Monceaux, P.E.
President



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 12/06/2018, the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Jared Blayne Monceau
18465 Van Broussard
Prairieville, LA 70769

**LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LPELS)**

9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mr. Jared Blayne Monceaux

License/Certificate Type - Number	Expiration Date
PE.0032202	03/31/2022
Status: Active	

Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

LAR, S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.

Print and keep the following information for your record or verification. The pocket card may also be printed on card stock or laminated to keep with you as license/certificate verification.

Disclaimer

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TEC Professional Services Questionnaire

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

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Rolland A. Mura, P.E., BCEE
Senior Project Manager

Project Assignment:

Environmental Engineer

Name of Firm with which associated:

HEI Hartman Engineering, Inc.
Consulting Engineers

Years' experience with this Firm:

19 (2002)

Education: Degree(s)/Year/Specialization:

M.S., 1971, Environmental Engineering, Tulane University
B.S., 1970, Civil Engineering, Tulane University

Active registration: Year first registered/discipline:

Active Registration: Year First Registered: 1974
Discipline: Civil & Environmental State: Louisiana License No.: 14997
Also registered in Mississippi (08409) and Alabama (14594)

Other experiences and qualifications relevant to the proposed Project:

Mr. Mura's 45+ years of experience includes a variety of civil and environmental engineering projects, ranging from basic gravity sewers to complex environmental impact statements, Brownsfield site investigations, asbestos and NORM inspections, environmental assessments, ASTM Phase I and Phase II assessments, and regulatory compliance for commercial, industrial, and oilfield properties and facilities. He has been in charge of most of HEI's internal quality control matters on planning projects.

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Rolland A. Mura, P.E., BCEE
Senior Project Manager

SCIP Project D5714, Sewer Lift Station D6-5 Force Main Improvements, Jefferson Parish, LA. Sewer pump upgrade, force main rerouting, associated electrical work and roadway replacement; Design of the West Napoleon Force Main between David Drive and Transcontinental Drive, generally consisting of the following: approximately 9000 linear feet of 30" sewer force main, with tie-ins to the existing D6-5 sewer lift station and the existing 18" force main at West Napoleon Avenue and Transcontinental Drive. HEI Project #11-014-74

CDBG Environmental Review of projects funded by Hurricanes Gustav and Ike Disaster Recovery Grants, Jefferson Parish, LA. Worked closely with Jefferson Department of Community Development and the Louisiana State CDBG to obtain environmental clearance on multiple projects throughout unincorporated Jefferson Parish and its incorporated entities. The total amount of funding was \$27,143,935, which included wastewater treatment plants, sewer pump stations, street repairs, water infrastructure repairs, stormwater detention pond, drainage improvements, Art Gallery and auditorium. HEI met and coordinated with the State's CDBG staff, prepared NEPA documentation (environmental review records or ERRs), conducted solicitation of views (SOV) procedure, conducted public review process, forged close working relationship with environmental reviewers, and successfully obtained the requisite environmental clearances. Levels of NEPA documentation - Exemption, CE, and EA. Of special note was the securing of environmental clearance for a project that was under LDEQ's Compliance Order deadlines. HEI Project No. 11-014-79

Price Bros. Pipe Evaluation, Jefferson Parish, LA. **Task 1:** Prepare route maps based on existing Parish G.I.S. system and computerized hydraulic sewer system model. **Task 2:** Investigate the availability of in-place non-destructive methods to evaluate the existing structural condition at the existing network of Price Brothers Precast Concrete Cylinder Pipe (PCCP) Force Mains. **Task 3:** Prepare bidding documents for the evaluation of Price Brothers Precast Concrete Cylinder Pipe (PCCP) Force Mains. **Task 4:** Provide bidding documents for the repair of Price Brothers Precast Concrete Cylinder Pipe (PCCP) Force Mains identified in Task 3. **Supplemental:** Identify/locate air relief valves throughout Council District. No. 4. HEI Project No. 11-014-83

Fairfield Plantation/TPC Wastewater Pump Station and Force Main, West Bank Jefferson Parish, LA. Designed sewage pump station, force main, and influent gravity sewers for the area and TPC Golf Course on Lapalco Boulevard. The project included a duplex, 400-GPM capacity pump station with two above-ground, self-priming, non-clog sewerage pumps, 1100 linear feet of gravity sewers, over 5,500 linear feet of 10" sewer force main, and a wet-tap tie-in to an existing 36" diameter Price Brothers concrete pipe force main, jack and bore highway crossings. HEI Project #11-014-50-60/61

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Rolland A. Mura, P.E., BCEE
Senior Project Manager

Design of SCIP Project 03561 - Rehabilitate Existing Cooper & Wilbur Lift Station, Jefferson Parish, LA.

The contract work consists of construction of new sewer pumping station (including wet well, valve vault, control panel, associated electrical work, and all miscellaneous site work); gravity sewer; demolition of existing lift station and conversion of wet well to sewer manhole; connection to existing 6" force main and restoration of roadway and other disturbed areas. HEI Project #11-014-86

Project No. D6800, Sewer Infiltration/Inflow Management Services, Jefferson Parish, LA.

HEI is the Prime Consultant for Jefferson Parish, LA on this US EPA funded project. The project tasks conducted by HEI includes field survey of sewer manholes and pump stations utilizing GPS equipment (GPS System 500) and SKI-Pro software (both from Leica Geosystems), data entry into database and management of database (MS Access) to create and maintain Jefferson Parish's intricate wastewater collection system network in ArcGIS software, mapping of the system's features, followed by hydraulic modeling (InfoWorks) to identify problem areas under various storm conditions graphically within a GIS mapping environment, and recommend capacity and rehabilitation improvements to minimize rainfall derived infiltration and inflow (I&I) and related sanitary sewer overflows (SSOs). Detailed field investigation of nearly 5,000 manholes and 225 plus pump stations were conducted. Many rehabilitation projects have been identified costing upwards of \$500 million, along with identifying many areas that will require sewer system evaluation surveys (SSES) to further pin point problem locations and causes. HEI Project No. 11-014-49

Design Services for 35th & Ole Miss Lift Station, Kenner, LA.

This project involved design of 4 submersible pumps in an 8,000 GPM capacity sewer pump station with 2 wet wells, 2 junction boxes, odor control for 2 wet wells and 2 junction boxes, relocation of 7 force mains (6" - 18") and gravity sewer, tie-in to existing 20" sewer force main, and demolition of existing pump station (with property transfer between City and Church). Project activities included Design, Preparation of Plans and Specifications, Construction Services and Resident Inspection. HEI Project #11-011-74

Design Services for Chateau Transfer Station Force Main, City of Kenner, LA.

This conceptual study involved evaluating alternative alignment routes of a replacement sewer force main from the Chateau Sewer Transfer Station to WWTP No. 3. Alternatives were evaluated based upon hydraulic capacity, construction cost, constructability, and street conditions. The approximate length of the replacement force main is 7,000 feet of 30" diameter pipe. HEI Project #11-011-75

Montrachet Lift Station and Force Main Sewer Capital Improvement Program, Kenner, LA.

The work consisted of modifications to the existing Montrachet (LS 4303) sewer lift station and the construction of new 10" diameter sewer force main. The modifications to the existing lift station included the replacement of the

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Name & Title:

Rolland A. Mura, P.E., BCEE
Senior Project Manager

then current self-priming motors and pumps with submersible pumps, the construction of a pile supported valve pit, the rehabilitation of the existing wet well, and the installation of a new control panel, fence, and hatch covers. The new 10" diameter sewer force main work included the installation of approximately 2000' of 10" HDPE pipe by directional drilling and also included the tie-in at the improved Montrachet Lift Station valve pit and the tie-in at the wet well of the Vintage and Medoc (LS 4305) Sewer Lift Station. Project activities included Design, Plans and Specifications, Bidding, Construction Management, Record Drawings, and Resident Inspection. HEI Project #11-011-76

Hanson City Area Sewer Lift Station Improvements for LS 4102 (Airline Drive/Minden) St. and LS 4103 (Firehouse/Hanson City), Kenner, LA. Lift Station 4103 (Firehouse Rd.) proposed improvements include installing new pumping equipment and associated controls, piping, electrical work, repairing the roof of the existing building on site, and converting the station to an underground type station. The capacity of LS4103 will be increased from 1,280 GPM maximum (2 pumps running) to 2,000 GPM maximum (2 pumps running, 1 pump stand by). Lift Station 4102 (Airline and Minden) improvements include installing new pumping equipment and associated controls, piping, electrical work, and demolishing the existing building on site. The capacity of LS4102 will be increased from 745 GPM maximum (2 pumps running) to 800 GPM maximum (1 pump running, 1 pump stand by). This project is partially funded by U.S. Department of Housing and Urban Development Community Development Block Grant's Hurricanes Gustav/Ike Disaster Recovery Grant. HEI Project #11-011-77

Wastewater Operation Development Plan, City of Kenner, LA. Developed a plan for the City of Kenner to self-perform all sewerage related services. Prepared staffing plan and estimated budget for Sewerage Department. Developed a timeline for the transition of services and staff from the private contractor back to the City. HEI Project No. 11-011-78

Provide Professional Service Assistance for WW O&M to the Sewerage Department, City of Kenner, LA. Provided the City of Kenner with assistance for returning all wastewater operations and maintenance functions to a reconstituted Sewerage Department for the specific purpose of providing a more cost effective and more responsive service to the citizens of Kenner. Also improved compliance with regulatory permits for the protection of public health and the environment. HEI Project No. 11-011-82

Project No. PW 18971 & 19124, St. Bernard Parish Government Sewer Project, Phase II, Area B, St. Bernard, LA. As a result of damages caused by Hurricane Katrina, St. Bernard Parish proposed to clean, televise, and repair their gravity sewer system east of Highway 47 through funding provided by FEMA. HEI conducted Design, Construction Administration, and Resident Inspection Services for this project. HEI was

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Rolland A. Mura, P.E., BCEE
Senior Project Manager

responsible for reviewing sewer evaluation survey results and FEMA recommendations to prepare work directives for the Contractor; and to inspect the work as it was completed. Rehabilitation work to the gravity sewer system consisted of open cut point repairs to damaged portions of gravity mainlines, full gravity line replacement by pipe bursting, house sewer service lateral replacement, and manhole lining and repair/replacement. Additionally, all roadway replacement incidentals required by the sewer repairs were performed as part of this project. As of December 2012, over 50,000 linear feet of gravity sewer and 25,000 square yard of roadway have been repaired. HEI Project #11-025-08

Project No. 11-PS-MS-0026 South Forcemain System Capacity Improvement Project, SFL-C-0003 (Multiple Pump Stations, Burbank Drive – Siegen Lane), Baton Rouge, LA. Project Engineer for 6 Pump Station replacements, 0.5 to 12.5 million gallons per day (MGD) (150 – 9,000 GPM). Project includes replacement of one in-line booster pump station with a submersible pump station. HEI Project #12-093-11

Ascension Parish East Bank North Regionalization Plan, Ascension Parish, LA. Preliminary design and modeling using InfoWorks ICM of over 40,000 customers. Preliminary design included modeling gravity and sewer forcemains, small and large pump stations, existing pump station rehabilitation, and routing analysis. HEI Project No. 12-031-16

UTL-18-0802, Hwy 42 Gravity Sewer Improvements (Cully Broussard Road to Harbor Lane), Ascension Parish, LA. Designed approximately 1,400 linear feet of gravity sewer (this included design of subsurface installation of approximately 100 linear feet of gravity sewer) along LA Hwy 42 from Cully Broussard Road to Lake Harbor Lane including two Hwy 42 crossings via Jack or Bore. This design work included all plan sheets and specifications necessary to bid out for construction. This work was required to connect existing and future services to the parish owned sanitary sewer line on the south side of LA Hwy 42. Additional Task Order was assigned (UTL-17-002 - Task Order No. HEI-19-002) Developed plans and specifications for an additional sewer tail line North of Hwy 42 (Galvez Seafood location) into the gravity main south of Hwy 42. Prepared DOTD permit applications for two (2) LA HWY 42 road crossings via Jack or Bore. HEI Project No.12-031-14

Germany Road Gravity Sewer Improvements, Ascension Parish, LA. HEI developed a preliminary engineering design and construction cost estimate for installation of sanitary sewer along Germany Road from Airline highway to LA Highway 44. HEI Project No. 12-031-15

UTL-17-002, Task Order No. HEI-19-003, LA HWY 42 – LA HWY 73 Roadway Corridor (Project Area P1-6), Ascension Parish, LA. HEI performed a preliminary engineering study to determine two potential sewer collection alignments / conceptual design including construction costs based upon finding of current sewer flows. HEI Project No. 12-031-12C

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

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Rolland A. Mura, P.E., BCEE
Senior Project Manager



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 12/06/2018, the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Rolland Anthony Mura
9421 Liberty Court
River Ridge, LA 70123-254

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ENGINEERING & LAND SURVEYING BOARD**
(LPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
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Mr. Rolland Anthony Mura

License/Certificate Type - Number	Expiration Date
PE.0014997	03/31/2022
Status: Active	

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TEC Professional Services Questionnaire

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Danielle B. Connelly, P.E.
Project Engineer

Project Assignment:

Project Engineer

Name of Firm with which associated:

HEI Hartman Engineering, Inc.
Consulting Engineers

Years' experience with this Firm:

16 (2005)

Education: Degree(s)/Year/Specialization:

B.S., 2006, Civil Engineering, Louisiana State University (LSU), Baton Rouge, LA

Active registration: Year first registered/discipline:

Active Registration: Year First Registered: 2011
Discipline: Civil State: Louisiana License No.: 36284

Other experiences and qualifications relevant to the proposed Project:

Ms. Connelly has over ten years of experience as a design engineer and project manager for a variety of projects throughout southern Louisiana for several local and state government agencies. Ms. Connelly's design experience includes:

- Roadway and Bridge Design for local corridors and highways (geometric, traffic, and sequencing),
- Utility Designs for Water Distribution and Sanitary Sewer Collection Systems (gravity and force main via traditional and trenchless installation methods),

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Danielle B. Connelly, P.E.
Project Engineer

- Drainage Designs (canals, levees, gravity and force main sub-surface systems via traditional and trenchless installation methods), and Environmental and Civil Site Design for sanitary sewer and drainage pump stations in simple duplex, triplex, and dual-bay multi-pump facilities.
- ATTSA Traffic Control Supervisor and Technician 4/2017

Ascension Parish East Bank North Regionalization Plan, Ascension Parish, LA. Preliminary design and modeling using InfoWorks ICM of over 40,000 customers. Preliminary design included modeling gravity and sewer forcemains, small and large pump stations, existing pump station rehabilitation, and routing analysis.

HEI Project No. 12-031-16

UTL-18-0802, Hwy 42 Gravity Sewer Improvements (Cully Broussard Road to Harbor Lane), Ascension Parish, LA. Designed approximately 1,400 linear feet of gravity sewer (this included design of subsurface installation of approximately 100 linear feet of gravity sewer) along LA Hwy 42 from Cully Broussard Road to Lake Harbor Lane including two Hwy 42 crossings via Jack or Bore. This design work included all plan sheets and specifications necessary to bid out for construction. This work was required to connect existing and future services to the parish owned sanitary sewer line on the south side of LA Hwy 42. Additional Task Order was assigned (UTL-17-002 - Task Order No. HEI-19-002) Developed plans and specifications for an additional sewer tail line North of Hwy 42 (Galvez Seafood location) into the gravity main south of Hwy 42. Prepared DOTD permit applications for two (2) LA HWY 42 road crossings via Jack or Bore. HEI Project No.12-031-14

Germany Road Gravity Sewer Improvements, Ascension Parish, LA. HEI developed a preliminary engineering design and construction cost estimate for installation of sanitary sewer along Germany Road from Airline highway to LA Highway 44. HEI Project No. 12-031-15

UTL-17-002, Task Order No. HEI-19-003, LA HWY 42 – LA HWY 73 Roadway Corridor (Project Area P1-6), Ascension Parish, LA. HEI performed a preliminary engineering study to determine two potential sewer collection alignments / conceptual design including construction costs based upon finding of current sewer flows. HEI Project No. 12-031-12C

City/Parish DPW Project No. 09-GS-UF-008, Sanitary Sewer Overflow (SSO) 25th – North Acadian, CGN-C-0002, Baton Rouge, LA. Ms. Connelly provided assistance with design; the project involved sanitary sewer overflow upgrades which included the design and installation of approximately 13,000 linear feet of gravity sewer with diameters of 15" through 24". Project included LADOTD and C.N. Railroad permitting. Of particular note, design was 100% complete (including Survey and Geotech) within 7 months of Notice to Proceed due to the request of City/Parish. HEI Project #12-093-09

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Danielle B. Connelly, P.E.
Project Engineer

PW Project No. 07-PS-BD-0018, Sanitary Sewer System Upgrades (Multiple Pump Stations - Lovett Road Area), Service Area NFE-C-0002, Baton Rouge, LA. Ms. Connelly assisted in the design and quantity computations for three submersible pump stations (0.55, 1.96, and 1.38 MGD), 2,300 linear feet of gravity sewer and approximately 4,700 linear feet of sewer force mains. HEI Project #12-093-07

City/Parish DPW Project No.09-PS-UF-0001, Sanitary Sewer System Upgrades (Staring Lane - Overflow Pump Station 58A) Service Area SGC-C-PS58A, Baton Rouge, LA. Ms. Connelly served as Design Engineer for the civil site layout for the 88 MGD Overflow Pump Station (58A) that flows directly to the South Waste Water Treatment Plant. HEI was a Sub-consultant to GEC on this project and design is 100% complete.

HEI Project #12-093-08

City/Parish DPW Project No. 09-PS-MS-0034, Sanitary Sewer System Upgrades Booster Pump Station 514 Improvements, Baton Rouge, LA. Ms. Connelly served as Design Engineer for the civil site layout for the 77 MGD overflow pump station (514), HEI was a Sub-consultant to GEC on this project and design is 100% complete. HEI Project #12-093-10

South Beech Street Pump Station & Force Main Upgrade, Picayune, MS. As part of EPA Region 4 SPAP grant for wastewater infrastructure improvements, Ms. Connelly assisted with the design for preliminary and final engineering plans and specifications for pump station and force main system upgrade. Improvements included installation of new pumps for 1520 GPM pump station capacity and new directionally drilled 8" parallel force main for existing collection system. HEI Project #21-019-04

DPW Project No. 13-TP-MS-0047, North Wastewater Treatment Plant Master Plan Plant Improvements Project, Baton Rouge, LA. Project engineer for the sub-consultant portion of this project which includes an interdisciplinary plan for capacity and performance improvements and rehabilitations at the plant. HEI responsibilities for this project include coordinating a proposed improvements master plant layout, design and layout of various types of yard piping, proposed potable water facilities, drainage analysis and design, grading, geometric roadway and pavement designs, striping and traffic control, and erosion control. Interdisciplinary coordination efforts and various permit requirements and application preparations (USACE wetlands, DHH, DEQ, Pontchartrain Levee District, CPRA, etc.), are also part of HEI responsibilities for this project. HEI is a Sub-consultant to CDM-Smith on this project, and design is 90% complete. HEI Project #12-093-12

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Danielle B. Connelly, P.E.
Project Engineer



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

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Ms. Danielle Bordelon Cor
16563 Airline Highway, Su
Prairieville, LA 70769

**LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD**
(LPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
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Ms. Danielle Bordelon Connelly

<p>License/Certificate Type - Number PE.0036284</p>	<p>Expiration Date 09/30/2021</p>
<p>Status: Active</p>	

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:

Sundararaja C. Rao, P.E.
Senior Project Engineer

Project Assignment:

Project Engineer

Name of Firm with which associated:

HEI Hartman Engineering, Inc.
Consulting Engineers

Years' experience with this Firm:

14 (2007)

Education: Degree(s)/Year/Specialization:

MS, 1972, Sanitary & Water Resources Eng., Brigham Young University
MT, 1967, Hydraulic Engineering, I.I.T., Bombay, India
BS, 1965, Civil Engineering, University of Mysore, India

Active registration: Year first registered/discipline:

Active Registration: Year First Registered: 1978
Discipline: Civil/Environmental State: Louisiana License No.: 17005

Other experiences and qualifications relevant to the proposed Project:

Mr. Rao has over four decades of civil/hydraulic/sewer experience related to transportation and municipal systems, with a strong emphasis on the design and administration of roadway related projects. He has served in many capacities including design engineer, chief engineer of local civil consulting firms and has also served as project manager of several roadway and LADOTD off-system bridge replacement projects. Mr. Rao is currently serving as HEI's Roadway Design Engineer.

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:

Sundararaja C. Rao, P.E.
Senior Project Engineer

Sanitary Sewer System Upgrades (Staring Lane - Overflow Pump Station 58A) Service Area SGC-C-PS58A (City/Parish DPW Project No.09-PS-UF-0001), Baton Rouge, LA. Mr. Rao served as Design Engineer for the civil site layout for the 88 MGD overflow pump station (58A) that flows directly to the South Waste Water Treatment Plant. HEI was a Sub-consultant to GEC on this project and design is 100% complete. HEI Project #12-093-08

City/Parish DPW Project No. 09-PS-MS-0034, Sanitary Sewer System Upgrades Booster Pump Station 514 Improvements, Baton Rouge, LA. Mr. Rao served as Design Engineer for the civil site layout for the 77 MGD overflow pump station (514), HEI was a Sub-consultant to GEC on this project and design is 100% complete. HEI Project #12-093-10

Sanitary Sewer System, Town of Melville, LA. Project manager of this \$1.8 million dollar EPA and Farmers Home Administration funded wastewater collection, pumping and treatment facilities project for the Town of Melville located in St. Landry Parish. Key responsibilities included overall project development from conceptual stage to start-up and operation. Prepared necessary engineering and cost data for funding and bond issues, construction overseeing, process contractor's payment requests, change orders, coordination between funding agencies and the Town.

U. S. Army Corps of Engineers, New Orleans District - W85 - A & B Levee Enlargement, Atchafalaya Basin Levees. Civil Engineer on this 4.5-mile levee enlargement project. Responsibilities on this project included vertical and horizontal alignment design, cross sections, earthwork computations and borrow study report.

Sanitary Sewer System, City of Baton Rouge, LA. Project engineer for this S-5 area sewerage improvements project involving new pump stations, rehabilitation of existing pump stations, 30-inch diameter Price Brothers concrete cylindrical pipe force main, force main layout schedule, pipe strength and load calculations, construction overseeing, process contractor's payment requests, change orders, coordination, etc.

Sanitary Sewer System, Town of Estherwood, LA. Project manager of this \$700,000 dollar EPA and Farmers Home Administration funded wastewater collection, pumping and treatment facilities project for the Town of Estherwood located in Acadia Parish. Key responsibilities included overall project development from conceptual stage to start-up and operation. Prepared necessary engineering and cost data for funding and bond issues, construction overseeing, process contractor's payment requests, change orders, coordination between funding agencies and the Town.

Sanitary Sewer System, Town of Morse, LA. Project manager of this \$ 600,000 dollar EPA and Farmers Home Administration funded wastewater collection, pumping and treatment facilities project for the Town of Morse

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:

Sundararaja C. Rao, P.E.
Senior Project Engineer

located in Acadia Parish. Key responsibilities included overall project development from conceptual stage to start-up and operation. Prepared necessary engineering and cost data for funding and bond issues, construction overseeing, process contractor's payment requests, change orders, coordination between funding agencies and the Town.

Sanitary Sewer System, Town of Washington, LA. Project manager of this \$1.2 million dollar EPA and Farmers Home Administration funded wastewater collection, pumping and treatment facilities project for the Town of Washington located in St. Landry Parish. Key responsibilities included overall project development from conceptual stage to start-up and operation. Prepared necessary engineering and cost data for funding and bond issues, construction overseeing, process contractor's payment requests, change orders, coordination between funding agencies and the Town.

Sanitary Sewer System, Village of Sicily Island, LA. Project manager of this \$600,000 dollar EPA and Farmers Home Administration funded wastewater collection, pumping and treatment facilities project for the Village of Sicily Island located in Catahoula Parish. Key responsibilities included overall project development from conceptual stage to start-up and operation. Prepared necessary engineering and cost data for funding and bond issues, construction overseeing, process contractor's payment requests, change orders, coordination between funding agencies and the Town.

Sanitary Sewer System, Town of Walker, LA. Project manager of this \$2.5 million dollar EPA and Farmers Home Administration funded wastewater collection, pumping and treatment facilities project for the Town of Walker located in Livingston Parish. Key responsibilities included overall project development from conceptual stage to start-up and operation. Prepare necessary engineering and cost data for funding and bond issues, construction overseeing, process contractor's payment requests, change orders, coordination between funding agencies and the Town.

Sanitary Sewer System, Village of Hall Summit, LA. Project manager of this \$500,000 dollar EPA and Farmers Home Administration funded wastewater collection, pumping and treatment facilities project for the Village of Hall Summit located in Red River Parish. Key responsibilities included overall project development from conceptual stage to start-up and operation. Prepare necessary engineering and cost data for funding and bond issues, construction overseeing, process contractor's payment requests, change orders, coordination between funding agencies and the Town.

Oxidation Pond Rehabilitation, City of Denham Springs, LA. Project manager of this \$2.5 million dollar EPA and Farmers Home Administration funded project involving rehabilitation of existing 100-acre single cell

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:

Sundararaja C. Rao, P.E.
Senior Project Engineer

oxidation pond. The project consisted of dividing the existing pond into a three-cell system by constructing dividing levees, construction of a 16-acre artificial marsh filter, installation of UV system for disinfection and flow monitoring system, construct and equip an on-site wastewater testing laboratory. Key responsibilities included overall project development from conceptual stage to start-up and operation. Prepare necessary engineering and cost data for funding and bond issues, construction overseeing, process contractor's payment requests, change orders, coordination between funding agencies and the City.

Sewer System Rehabilitation and Improvements, City of Denham Springs, LA. Project manager of several sewer system rehabilitation and improvement projects for the City of Denham Springs involving, rehabilitation of collection lines using In-Situform method, rehabilitation of manholes, rehabilitation of existing pump stations, new collection lines, pump stations and force mains, etc. Key responsibilities included preparation of plans and specifications, construction bidding, construction overseeing, process contractor's payment requests, change orders, coordination between funding agencies and the City.

Professional Highlights:

- Flood Control studies with HEC-1, HEC-2, HEC-RAS and WSPRO hydraulic computer modeling, bridge hydraulics and scour analysis
- Landfill leachate wastewater pumping stations and dual containment force mains
- NPDES, LDEQ and Corps of Engineers permit applications
- Land development, grading and drainage plans, and utilities
- Street Improvement projects for City of New Orleans, Orleans Parish Levee Board
- Runway and taxiway repairs, new access road and utilities for New Orleans International Airport
- LaDOTD Roadway Projects - Project Manager on various urban and rural roadway projects
- Taught undergraduate courses in Civil Engineering –University of Mysore, India (1967-1970), Southern University, Baton Rouge, LA. (part-time Sept. 78-June 79)

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:


Sundararaja C. Rao, P.E.
Senior Project Engineer



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Mr. Sundararaja Channake
1618 Ridgeland Drive
Baton Rouge, LA 70810



**LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LPELS)**

9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
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Mr. Sundararaja Channakesavapura Rao

License/Certificate Type - Number	Expiration Date
PE.0017005	09/30/2021
Status: Active	

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PROFESSIONAL IN CHARGE OF PROJECT:**Name & Title:**

Larry E. Shriver
Wastewater Process Specialist

Project Assignment:

Wastewater Process Specialist

Name of Firm with which associated:

HEI **Hartman Engineering, Inc.**
Consulting Engineers

Years' experience with this Firm:

1 (2021)

Education: Degree(s)/Year/Specialization:

B.S. in Biology, Minor Chemistry, Drake University, Des Moines, Iowa
 M.S. Civil/Sanitary Engineering, University of Nebraska

Active registration: Year first registered/discipline:**Professional and Technical Organizations:**

- Water Environment Federation
- Louisiana Water Environment Association (LAWEA) President, LAWEA 1980-1982
- WEF Director 1985-1988
- State of Louisiana Certified Operator: Grade IV - Wastewater Treatment
 Grade I- Wastewater Collection

Other experiences and qualifications relevant to the proposed Project:

Upon completion of his formal education, Mr. Shriver was employed by the City of Des Moines, Iowa as manager of the Wastewater Treatment Plant Laboratory and solids handling process. The city's Wastewater Facilities consist of a 50 million gallon per day domestic/industrial wastewater treatment facility - with preliminary treatment, grease removal, primary clarification, two stage trickling filtration, two stage anaerobic digestion of solids, solids dewatering by vacuum filtration, and landfill disposal.

In 1970, Mr. Shriver joined the national engineering firm of Henningson, Durham and Richardson (HDR) in Omaha, Nebraska. He was responsible for a wide variety of duties with this firm including: water and wastewater treatment facility studies; pilot studies; operation and maintenance manuals; operator training; plant startup; trouble shooting; feedback information on process design; research; advanced wastewater treatment facility design; alternative methods of sludge disposal; lime sludge dewatering and disposal; and project management - estimating, man-hour projection, budgeting, control and close-out.

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PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Larry E. Shriver
Wastewater Process Specialist

In 1977, Mr. Shriver left HDR to become stockholder, member of Board of Directors and Manager of the Environmental Department at Meyer, Meyer, LaCroix, and Hixson, Inc. (MML&H) of Alexandria, Louisiana. His responsibility included: process design of all wastewater facility projects which during his tenure included 26 major Municipal Wastewater Facilities for cities and towns throughout Louisiana. His areas of experience with MML&H include industrial wastewater treatment facility design; municipal wastewater treatment facility design; equipment selection and specification; industrial pretreatment programs; water treatment plant design; solid waste management plans; sludge disposal alternatives; sewer use ordinances and rate studies; operator training, plant startup and trouble-shooting; stream modeling for effluent criteria determination; office/department management; and project budgeting and control.

In 1986, Mr. Shriver left MML&H to become self-employed in water and wastewater treatment, process selection, turnkey systems, operations, training and consulting. His specialized areas of work include: potable water treatment processes; water chemistry work up; water treatment plant operations; industrial wastewater treatment; municipal wastewater treatment; management of turnkey industrial wastewater treatment; operator training; plant performance evaluation; O&M manuals; land application of sludge and wastewater effluent; spill prevention, containment and countermeasure plans; pit closures; underground storage tank removal and replacement; storm water management and permitting projects; stream modeling; air emission problems as related to wastewater treatment; solid waste recycle and reuse; sludge dewatering and disposal; hazardous waste handling and disposal; environmental audits; litigation consultation and sub-contract design work for other consulting firms.

Publications:

Shriver, Larry E., "BOD Tests with Blended Samples," Deeds and Data, WPCF, September, 1971.

Shriver, Larry E. and Krebs, Donald R., "Chemical-Mechanical Paper Mill and Municipal Wastewater Treatment Pilot Plant Study," 28th Purdue Industrial Waste Conference, Lafayette, Indiana, May, 1973.

Shriver, Larry E. and Young, J.C., "Oxygen Demand Index as a Rapid Estimate of Biochemical Oxygen Demand," Journal Water Pollution Control Federation, November, 1972.

Shriver, Larry E. and Bowers, D.M., "Operational Practices to Upgrade Trickling Filter Plant Performance, "Journal Water Pollution Control Federation", November, 1975.

Shriver, Larry E. and Dague, R.R., "Textile Dye Process Waste Treatment with Water Reuse Considerations," 32 Purdue Industrial Waste Conference, Lafayette, Indiana, May 1977.

Many other technical papers and presentations given at various conferences.

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PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Larry E. Shriver
Wastewater Process Specialist

During the last thirty-two years, Mr. Shriver has been involved with several projects. Some of them include:

Natchitoches Louisiana – Membrane pilot study on the drinking water supply (surface water – Lake Sibley) for the City. The study included the evaluation of seven different membranes and their capability of removing disinfection byproduct precursors. The pilot study was a 10 – 20 GPM membrane pilot project on this water supply. The study included hollow fiber ultrafiltration by two different manufactures followed by spiral wound nanofiltration membranes by various manufacturers.

Marlin, Texas – Membrane pilot study on the drinking water supply (surface water – Marlin Lake) for the City. The study included preclarification by alum coagulation. The clarified water was then filtered by hollow fiber ultrafiltration. Two units were evaluated, one from Koch Membrane Systems and one from Hydranautics/Indeck. Bench scale spiral wound membranes were evaluated for possible future additional soluble organics removal.

Blanchard, Louisiana – Membrane pilot study on the drinking water supply (surface water – Caddo Lake) for the Town. The study included pre-clarification by alum coagulation. The clarified water was then filtered by hollow fiber ultrafiltration. Two units were evaluated, one from Koch Membrane Systems and one from Siemens. Bench scale spiral wound membranes were evaluated for possible future additional soluble organics removal.

DeSoto Parish Water Works #1 - Membrane pilot study on the drinking water supply (surface water – Toledo Bend Lake) for the Parish. The study included preclarification by alum coagulation. The clarified water was then filtered by hollow fiber ultrafiltration. Two units are being evaluated, one from Koch Membrane Systems and one from Siemens.

City of Baton Rouge DPW – Extended Services Contract; wastewater treatment plant operations consultant, acted as a technical advisor for process control at the three major wastewater treatment facilities for the City.

New Orleans Sewage and Water Board (SWB) - Managed Competition Project; collected technical information for the Financial Advisory Team on the water and wastewater treatment plants as well as the lift stations and pump stations for bid document preparation; acted as a tour guide and coordinator for the prospective proposers on this project.

New Orleans SWB – Lift Station 16 Project; assisted in determining final design flow for this lift station, conducted hydraulic analysis for this project including line sizing and routing, developed system head curves at various operating conditions, pump selection alternatives and wet well requirements for this 3000 GPM Lift Station.

New Orleans SWB - Vulnerability Assessment Project; provided technical information for the security personnel on the water collection, treatment and distribution facilities for the City.

New Orleans SWB – Gravity Interconnects Project; selected potential locations for the interconnects between sewage service areas, prepared drawings of the potential locations for further review and evaluation, prepared cost estimates for all the proposed locations, preparing design of the final selected interconnect locations.

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PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Larry E. Shriver
Wastewater Process Specialist

New Orleans SWB – London Avenue Canal Project; calculated flow data from the pump stations that pump into the canal, participated in the conceptual process selection for treatment – disinfection and trash collection, prepared routing maps of storm water from the drainage areas of the City that are pumped into this canal, assisted in the installation of a temporary-pilot floating baffle for trash collection information for the final report on this project.

Bionol Louisiana, LLC - Lake Providence, Louisiana – Air permit application and air permit acquisition for this proposed 108 Million Gallons of Ethanol Per Year corn to ethanol plant.

Celunol, LLC – Jennings, Louisiana – Pilot study to determine the treatability of their wastewater. The wastewater is from a lignocellulosic sugars to ethanol pilot and demonstration plant. The project included the use of membranes for wastewater treatment and possible reuse.

Bioenergy International, LLC – Boston, MA – Research on toxin removal and sugar concentration of both C5 and C6 hydrolyzate. The research also includes process equipment selection to more cost effectively benefit the overall process.

Myriant Corporation – Boston, MA – Designed and proposed a wastewater treatment system for the high strength industrial wastewater from their demonstration plant in Lake Providence, LA that will produce Succinic Acid by a fermentation process. Also obtained the air, water, stormwater and sludge handling and disposal LDEQ permits for this facility. After plant completion, served in a advisory capacity for water supply, wastewater treatment, and membrane separations processes within this demonstration plant.

Ascension Parish Government – Two and one-half years coordinating the Ascension Parish Government Comprehensive Wastewater Program. This included the coordination of the Parish public/private RFP program that consisted of solicitation, review, evaluation, selection and the negotiation process. Developed a sewer use ordinance that covered many things. Worked with the Corps of Engineers and Hartman Engineering in the preparation of a Facility Plan. Worked with Parish staff in the development of a financial plan to pay the debt service on a LDEQ SRF loan.

Environmental Business Specialists – Contract consulting for this firm in Mandeville, LA. To- date, the work includes operations consulting for various industries and technical overview on toxicity and inhibitory studies for various clients. Also, significant work has been done on developing an updated activated sludge modeling program and assisting with a new training program for wastewater operations.

Several Other Industrial Water and Wastewater Clients Include:

Jordache Apparel	Plaquemine Point Shipyard	BP BioFuels
Hall-Buck Marine	Safeway Transportation	Continuous Tubing
Cooper T. Smith Marine	Olmstead Industries	Agway Transportation
Hunt Plywood	Shepard Oil (ethanol)	Con Agra
Zaapp's Potato Chips	Verenium (ethanol)	International Paper

TEC Professional Services Questionnaire

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:

Tony R. Tramel, P.E., P.T.O.E.
Traffic Engineer

Project Assignment:

Traffic Engineer

Name of Firm with which associated:

HEI Hartman Engineering, Inc.
Consulting Engineers

Years' experience with this Firm:

6 (2014)

Education: Degree(s)/Year/Specialization:

B.S., 1972, Engineering, Interdisciplinary Engineering, Purdue University, West Lafayette, IN
Master of City Planning, 1974, City Planning, Georgia Institute of Technology, Atlanta, GA
Master of Engineering, 1974, Traffic Engineering/Transportation Planning, Georgia Institute of Technology, Atlanta, GA

Active registration: Year first registered/discipline:

Year First Registered: 1981

Discipline: Civil State: Louisiana License No. 19268

Also registered in Texas (60074) and Oklahoma (17946)

- USA, Professional Traffic Operations Engineer (PTOE), (121)
- Fellow Member of Institute of Transportation Engineers, (07060)
- Adjunct Instructor, University of Southwest Louisiana, 1999

Other experiences and qualifications relevant to the proposed Project:

Mr. Tramel is an experienced transportation engineer/transportation planner with a variety of transportation related experience, including the administration of traffic safety and operations, transportation planning, land

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Name & Title:

Tony R. Tramel, P.E., P.T.O.E.
Traffic Engineer

development review, traffic signal design and signal systems implementation, design and operation of parking facilities, supervision of street maintenance and municipal aviation activities. Traffic safety and operation experience included preparation of several municipal traffic studies to increase roadway capacity and safety, and more than 40 years of municipal traffic engineering and transportation planning experience. Transportation planning included the development of short and long range transportation plans for municipalities ranging in population from 90,000 to 260,000 persons. This work encompassed the use and calibration of transportation models to forecast future traffic conditions and the design of alternative transportation systems to accommodate future transportation demand.

Related Projects:

As City Transportation Engineer for the City of Lafayette, Mr. Tramel administered the design and implementation of the City's first centralized computer-controlled traffic signal system in 1985 using CATV for communication. This system has been upgraded several times, and today includes more than 200 traffic signals and uses fiber communications, and has more than 75 pan and tilt video cameras in use. This video stream is used by the Signal Systems Engineer to evaluate signal timing changes and monitor traffic conditions. Additionally, this video is streamed to 911 public safety agencies, and with the use of an iPhone app, (Lafayette Traffic), allows anyone to view the cameras and see the reported locations of current traffic crashes.

Mr. Tramel has been directly involved in traffic operational analysis, geometric and traffic signal design of more than 50 intersections. These intersections include locations in Lafayette, Louisiana, Vero Beach, Florida, and within the Dallas / Ft. Worth (DFW) Metroplex area it includes the cities of Grand Prairie, Arlington, Plano, Rockwall, Dallas, and Ft. Worth.

Comprehensive traffic safety and traffic signal studies have been completed by Mr. Tramel for several cities during his more than 40 years as a transportation engineer in the private and public sectors of employment.

He was the principle geometric and traffic operations design engineer associated with Lafayette's first "displaced left turn intersection design", or referred locally as a "Reduce Phase Intersection (RPI) "design at the intersection of US 167 Johnston Street at Camelia Boulevard / Guilbeau Road. This design was accomplished within the existing available rights of way.

Mr. Tramel has advocated the use of modern roundabouts in Lafayette. The first modern roundabout in Louisiana was implemented with assistance of the LaDOTD more than 10 plus years ago at the intersection of two LaDOTD routes using District Maintenance funds and designs promulgated by Mr. Tramel. More than 13

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Tony R. Tramel, P.E., P.T.O.E.
Traffic Engineer

modern roundabouts are either built or are under design in Lafayette Parish. Modern roundabouts are the only traffic control device that enhances / improves efficiency, convenience, and traffic safety.

For the past 15 years, Mr. Tramel, has been the Metropolitan Planning Organization's lead staff engineer working with the LaDOTD in completing the Environmental Impact Document for the I-49 Connector in Lafayette. This 6 mile 6-lane elevated new Interstate 49 section has a projected cost of \$0.75 to \$1.0 Billion. A comprehensive engagement of efforts was undertaken by Mr. Tramel and his staff during this period including numerous public meetings and hearings, design charettes, traffic operation analysis of surface street interchanges with ramp connections, etc.

The FHWA issued a "Record of Decision" after more than 8 years of engagement, and right of way acquisition and preliminary design is now occurring

More than 25 intersections and more than 15 miles of roadways have been improved by the use of better pavement management. This included "restriping the existing pavement sections, typically reducing the lane width in order to provide additional turning lanes at signalized intersections. Several arterial streets were converted from 4 lane undivided street to 5 lane cross sections where the center lane was designated a two-way left turn lane (TWLTL) in an effort to increase capacity and enhance traffic safety.

Stage 0 Feasibility Study Proposed Left Turn Lane on LA 30 at South Purpera Avenue/South Hodgeson Avenue, Ascension Parish, LA. Study of feasibility and potential traffic, environmental, and economic impacts of implementing a proposed left turn lane on LA 30 in comparison with existing conditions. Report follows all guidelines from LADOTD's *Stage 0 Manual of Standard Practice*. HEI Project No. 12-031-06

LADOTD H.011490, LA 30: Turn Lanes at S. Purpera & S. Hodgeson, City of Gonzales, LA. An Urban Systems project which involved roadway and traffic engineering, surveying, and geotechnical services for the widening and overlay required to add left turn lanes at an existing intersection. HEI Project No. 12-031-07

SPN H.003920, FAP H009320: Acadian Roundabout, Route LA 20 (Canal Boulevard) and Local Routes (Back St., Jackson St., Thompson Place) Ascension Parish, LA (2015-On Going) Design of a traditional shaped dual lane 5-legged roundabout at the intersection of LA 20 and Jackson St. in Thibodeaux, LA. The proposed roundabout shall branch from LA 20 into Canal Boulevard and Jackson St., also connecting Back St. and Thompson Place at the east and west approaches. Design conforms to EDSM V1.11.6., and current 2017 roadway design guidelines. HEI Project No. 12-092-09

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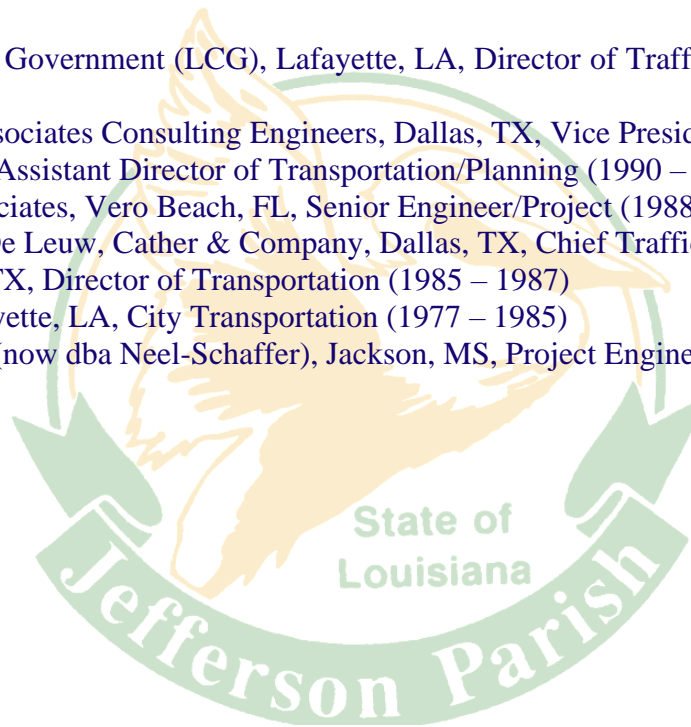
KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:

Tony R. Tramel, P.E., P.T.O.E.
Traffic Engineer

Other Experience and Qualifications for Mr. Tramel:

- Lafayette Consolidated Government (LCG), Lafayette, LA, Director of Traffic and Transportation (1998 – 2013)
- DeShazo, Tang and Associates Consulting Engineers, Dallas, TX, Vice President/Principal (1993 – 1998)
- City of Arlington, TX, Assistant Director of Transportation/Planning (1990 – 1993)
- Kimley-Horn and Associates, Vero Beach, FL, Senior Engineer/Project (1988 – 1990)
- Parsons Brinckerhoff/De Leuw, Cather & Company, Dallas, TX, Chief Traffic Engineer (1987 – 1988)
- City of Grand Prairie, TX, Director of Transportation (1985 – 1987)
- City of Lafayette, Lafayette, LA, City Transportation (1977 – 1985)
- Hensley-Schmidt, Inc. (now dba Neel-Schaffer), Jackson, MS, Project Engineer/Manager (1974 – 1977)



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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:

Tony R. Tramel, P.E., P.T.O.E.
Traffic Engineer



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 12/06/2018, the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mr. Tony R. Tramel
1929 West Wisconsin Ave
Harlingen, TX 78550

**LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)**

9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

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Mr. Tony R. Tramel

License/Certificate Type - Number	Expiration Date
PE.0019268	09/30/2022

Status: **Active**

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TEC Professional Services Questionnaire

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:

Raul H. Regis, P.E.
Project Engineer

Project Assignment:

QA/QC Engineer

Name of Firm with which associated:

HEI Hartman Engineering, Inc.
Consulting Engineers

Years' experience with this Firm:

4 (2017)

Education: Degree(s)/Year/Specialization:

B.S., 1990, Civil Engineering, Florida State University

Active registration: Year first registered/discipline:

Active Registration: Year First Registered: 2008

Discipline: Civil State: Louisiana License No.: 34006

Also registered in Mississippi (18695); Arkansas (15078); Florida (62112); Georgia (29635)

Other experiences and qualifications relevant to the proposed Project:

Mr. Regis has over 26 years of experience in project management, design of complex highways, multi-level interchanges and urban streets for major clients such as MDOT, LDOTD, NASA, USACE, FDOT, the Florida's Turnpike Enterprise, the Miami-Dade Expressway Authority(MDX), and the Puerto Rico Highway Authority. Additional clients include The City of New Orleans, Ascension Parish, St. John the Baptist Parish, St.

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Raul H. Regis, P.E.
Project Engineer

Tammany Parish, Louisiana and in Florida: Broward County, Palm Beach County, Miami-Dade County, the City of Miami, and the City of Pembroke Pines. Further design experience includes, roundabout design, signal design and advanced traffic control.

- **Member of ASCE**
- **Louisiana Engineering Society**

RELEVANT PROJECT EXPERIENCE FROM PREVIOUS FIRM:

Calcasieu River Bridge EIS, Lake Charles, LA - Project Manager responsible for the coordination of the NEPA process and roadway related tasks such as alternatives development, geometric analysis, and the Interchange Justification Report. The primary purpose of this project is to increase capacity along I-10 from the east and west interchanges with I-210 in the Lake Charles region. The study corridor is approximately 9 miles long and includes the high-level Calcasieu River Bridge. It also includes improvements and widening to the interstate approach roadways on either side of the urban bridge, including several complex interchanges. Approximate contract value \$6M. (LADOTD, State Project No. H.006783) (EIS in development).

Baton Rouge Loop Tier 1 Draft Environmental Impact Statement (FEIS) Ascension, East Baton Rouge, Iberville, Livingston, and West Baton Rouge Parishes, LA - Project Manager responsible for the coordination of the NEPA process including the completion of the Record of Decision (ROD), and post ROD activities such as the traffic and revenue analysis, and possible P3 opportunities. The Project would consist of a 90- to 105-mile long circumferential, controlled access toll roadway around greater Baton Rouge, Louisiana in Ascension, East Baton Rouge, Iberville, Livingston, and West Baton Rouge Parishes. The proposed toll highway would connect Interstate 12 east of Baton Rouge and east of Walker to Interstate 10 west of Baton Rouge; I-10 west of Baton Rouge to I-10 south of Baton Rouge; and I-10 south of Baton Rouge to I-12 east of Walker. The Project is being developed by the Capital Area Expressway Authority (CAEA), the Louisiana Department of Transportation and Development (LA DOTD), and the FHWA as lead federal agency. Cooperating agencies include the US Army Corps of Engineers (USACE), New Orleans District, and the US Coast Guard (USCG), 8th Coast Guard District. Approximate contract value \$12M (Finalizing NEPA Process).

Belle Chasse Tunnel and Bridge Replacement Stage 1- Environmental Assessment, Plaquemines Parish, LA - Project Manager responsible for the coordination of the NEPA process in particular the Bridge and Tunnel Historic Preservation alternatives. The Belle Chasse Tunnel and the Judge Perez Bridge are critical transportation links for residents, businesses and industries in the Westbank, Plaquemines Parish. Concerns have been identified with the functionality and reliability of these existing structures that form the LA 23

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:

Raul H. Regis, P.E.
Project Engineer

crossing of the Algiers Canal/Algiers Alternate Route of the Gulf Intracoastal Waterway (GIWW) and their ability to meet the needs of both the vehicular and maritime transportation corridors and the surrounding community. Replacing the existing structures will make both daily commutes and hurricane evacuations easier, faster and more reliable. It will help encourage economic growth in the area by providing the area's businesses and industries with a more efficient transportation system. A new bridge is also expected to be far less expensive to operate and maintain than the existing Belle Chasse Tunnel and Judge Perez Bridge. Project was on an expedited schedule and in metric units, making this a challenging project. (LADOTD, State Project No. H.004791) (EIS in development).

LSU Nicholson Gateway, East Baton St. Parish, LA - Project Manager responsible for the supervision of the design of the access road to the new student housing project, and the sewer line connecting the new pump station south of Skip Bertman to the proposed student housing. Also included in this project as a separate task, is the redesign of Nicholson Drive from Burbank to Chimes Street, approximately 1.0 mile. Approximate contract value \$350,000. (Under Construction).

I-10 Widening from Highland Road to LA-73, Baton Rouge, LA – Project Manager for this project to widen I-10 from a four-lane divided section to a six lane divided section. The widening will require the construction of an additional lane of traffic in both eastbound and westbound directions. The proposed additional lane of traffic will require the bridge over Highland Road to be replaced and the existing bridges over Bayou Manchac, and LA-73 to be widened. The approximate length of the project is 6.7 miles and design fees are approximately \$1.4 m, with tentative completion date of August, 2015. (LADOTD, State Project No. H.009250, 09/2012 – Current).

I-12 to Bush, St. Tammany Parish, LA- Project Manager for this project providing approximately 5.5 miles of a 4-lane divided highway from the proposed LA 3241 to the LA 40/LA 41 intersection in Bush, LA. As a sub the corresponding scope for this project was the preliminary design of the bridge over Talisheek Creek, approximately 500' in length. Additional tasks included the development of the bridge scour report at Talisheek Creek, and the QA/QC of the roadway plans for the project. Design fees for this project are approximately \$135k. (LADOTD, State Project No. H.004113, 04/2014 – Current).

Improvements to US 190 from LA 22 to Lonesome Road, St. Tammany Parish, LA - Project Manager responsible for the re-design of approximately 1.5 miles of US 190. Activities included close coordination with LDOTD, revisions to drainage plans, redesign of traffic signals, revision to existing super-elevation, and traffic control plans. Project was on an expedited schedule and in metric units, making this a challenging project. Approximate contract value \$150,000. (LADOTD, State Project No. H.000498) (Under Construction).

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Name & Title:

Raul H. Regis, P.E.
Project Engineer

I-10 Widening from Siegen Lane to the I-10/I-12 Split, Post Design Services and Geotechnical Support, Baton Rouge, LA - Project Manager responsible for the coordination of the geotechnical activities for all bridge substructures, and post design services during construction. Other responsibilities included the re-design of the traffic control plans for the I-10 mainline and ramps, approximately 4.6 miles. Additionally, this project required the close coordination with the LDOTD Project Engineer and his staff, and the contractor's construction manager. Approximate contract value \$350,000. (LADOTD, State Project No. 450-10-0108).

Intersection Improvements US 190 at Northpark, St. Tammany Parish, LA - Project Manager responsible for final layout of intersection improvements on two streets within the Northpark Business Park which connect to US Highway 190. Improvements include widening existing streets to add capacity for turn movements and improving traffic signals as needed to accommodate new movements. The design of an additional left turn lane from US 190 to Northpark, and a right turn lane from Northpark to US 190 was also included. Approximate contract value \$120,000. (LADOTD, State Project No. 700-30-0270) (Construction Completed).

SR 475 Extension from US 80 to Existing SR 475 at Old Brandon Road, Pearl, Rankin County, MS - Project Manager responsible for the reconfiguration of the MS 475 intersection with Old Brandon Road near the Jackson International Airport. The improvements will provide a full diamond interchange which will relieve traffic congestion at the roundabout located at the entrance to the airport where MS 475 currently intersects. Improvements to MS 475 will also include the design of two 275' concrete bridges on-curve over Old Brandon Road. Approximate contract value \$705,000. (MDOT) (Under Construction).

Final Construction Plans Mississippi Highway SR 607 Roadway Widening, Design and Engineering Services; Interstate 59 to Saturn Drive, Hancock and Pearl River Counties, MS - Project Manager responsible for the development of plans and specifications for the widening of SR 607 from 2 to 4-lanes within the Stennis Space Center. The project total length was approximately 4-miles. Project involved roadway and drainage design and the development of specifications. Approximate contract value \$1,355,000. (NASA/MDOT) (2008).

Infinity Access Road, Hancock County, MS - Project Manager responsible for roadway and drainage design of approximately 1-mile of a 2-lane road that will serve as the entrance to the NASA Infinity Site. This proposed roadway will be connected to the MDOT entrance to the existing rest area located adjacent to SR 607. Specifications and construction cost estimates were also prepared. Approximate contract value \$260,000. (MDOT/NASA) (2008-2009).

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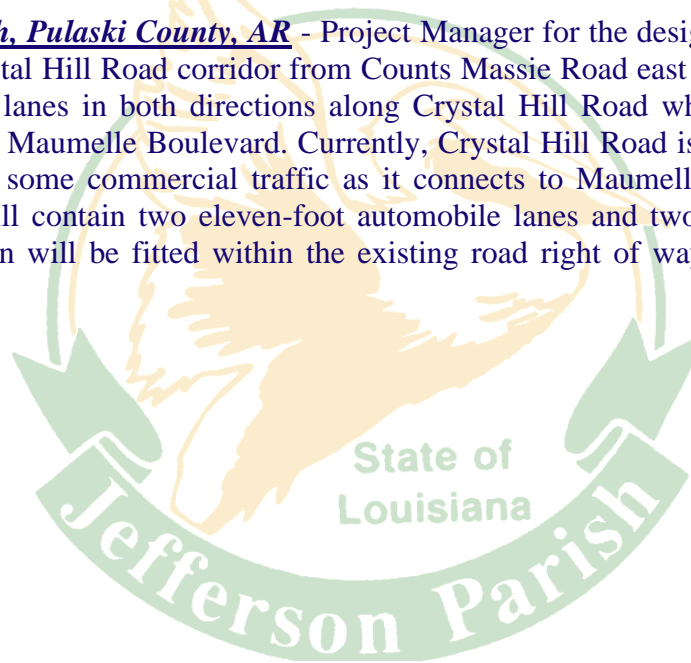
KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:

Raul H. Regis, P.E.
Project Engineer

I-110 Bridge Rehabilitation, Biloxi, MS - Project Manager responsible for the development of complex traffic control plans for a heavily traveled bridge requiring rehabilitation. Task included maintaining traffic on the bridge during rehabilitation work. Approximate contract value \$70,000. (MDOT) (Completed).

Crystal Hill Road Bike Path, Pulaski County, AR - Project Manager for the design of approximately 1.5 miles of bike lanes along the Crystal Hill Road corridor from Counts Massie Road east to Maumelle Boulevard. This project will introduce bike lanes in both directions along Crystal Hill Road which will tie into the existing network of bike trails along Maumelle Boulevard. Currently, Crystal Hill Road is a two-lane road with mainly residential traffic, but with some commercial traffic as it connects to Maumelle Boulevard in the east. The proposed typical section will contain two eleven-foot automobile lanes and two five foot bike lanes in both directions, this configuration will be fitted within the existing road right of way. (Pulaski County Road and Bridge Department) (2013).



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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:

Raul H. Regis, P.E.
Project Engineer



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 12/06/2018, the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Raul H. Regis
16851 Jefferson Highway,
Baton Rouge, LA 70817

**LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LPELS)**

9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
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Mr. Raul H. Regis

License/Certificate Type - Number	Expiration Date
PE.0034006	09/30/2022
Status: Active	

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:

David L. Atkins
Designer

Project Assignment:

Designer

Name of Firm with which associated:

HEI Hartman Engineering, Inc.
Consulting Engineers

Years' experience with this Firm:

6 (2015)

Education: Degree(s)/Year/Specialization:

N/A

Active registration: Year first registered/discipline:

Active Registration: Year First Registered:

Discipline: State: License No.:

N/A

Other experiences and qualifications relevant to the proposed Project:

Mr. Atkins has 44 years of Design and Construction Administration experience for local, state and federal agencies in Mississippi and Louisiana. Mr. Atkins is a well-rounded designer with experience in roads, bridges, hydraulics, sewer treatment and collection, water treatment and distribution, permitting, large-scale erosion-control projects and miscellaneous Airport design.

His experience is as follows:

Sewer and Water Experience

Mr. Atkins has designed and constructed over 90 sewer collection and 75 water distribution projects. He was also responsible for upgrading the capacity of Natchez Water and Wastewater Treatment Plants and managed the O&M for both.

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:

David L. Atkins
Designer

Ascension Parish East Bank North Regionalization Plan, Ascension Parish, LA. Preliminary design and modeling using InfoWorks ICM of over 40,000 customers. Preliminary design included modeling gravity and sewer forcemains, small and large pump stations, existing pump station rehabilitation, and routing analysis. HEI Project No. 12-031-16

UTL-18-0802, Hwy 42 Gravity Sewer Improvements (Cully Broussard Road to Harbor Lane), Ascension Parish, LA. Designed approximately 1,400 linear feet of gravity sewer (this included design of subsurface installation of approximately 100 linear feet of gravity sewer) along LA Hwy 42 from Cully Broussard Road to Lake Harbor Lane including two Hwy 42 crossings via Jack or Bore. This design work included all plan sheets and specifications necessary to bid out for construction. This work was required to connect existing and future services to the parish owned sanitary sewer line on the south side of LA Hwy 42. Additional Task Order was assigned (UTL-17-002 - Task Order No. HEI-19-002) Developed plans and specifications for an additional sewer tail line North of Hwy 42 (Galvez Seafood location) into the gravity main south of Hwy 42. Prepared DOTD permit applications for two (2) LA HWY 42 road crossings via Jack or Bore. HEI Project No.12-031-14

Germany Road Gravity Sewer Improvements, Ascension Parish, LA. HEI developed a preliminary engineering design and construction cost estimate for installation of sanitary sewer along Germany Road from Airline highway to LA Highway 44. HEI Project No. 12-031-15

UTL-17-002, Task Order No. HEI-19-003, LA HWY 42 – LA HWY 73 Roadway Corridor (Project Area P1-6), Ascension Parish, LA. HEI performed a preliminary engineering study to determine two potential sewer collection alignments / conceptual design including construction costs based upon finding of current sewer flows. HEI Project No. 12-031-12C

Road and Bridge Experience

Mr. Atkins has designed and constructed over 100 Mississippi State Aid Road and Bridge Projects in Adams and Wilkinson Counties. Mr. Atkins was involved in the widening of U.S. 61 and U.S. 84 (50 miles) and the relocation of Hwy 33 and 28 for MDOT. (Work performed under previous consulting firm).

Drainage and Erosion Control Experience

Mr. Atkins has designed and constructed over 150 NRCS EWP projects. The largest being the Natchez Bluff Stabilization project funded by the USACE and NRCS, (\$30 million construction cost). Mr. Atkins managed and designed over 25 projects funded by the USACE 592 program. (Work performed under previous consulting firm).

Natchez Bluff Stabilization - The project required the design and construction of: 2 permanent soil nail walls with over 100,000 square feet of permanent shotcrete. More than 2,900 permanent soil nails. Over 2,500 feet of permanent soil nail wall, up to 62 feet high. Over 500 lineal feet of a permanent tieback soldier beam wall up to 48 feet high. Excavation, hauling and placement of over 100,000 cubic yards of dirt. (Work performed under previous consulting firm).

Airport Experience

Mr. Atkins has designed all major aspects of the Natchez-Adams County Airport, including runways, T-hangers, drainage, etc. (Work performed under previous consulting firm).

TEC Professional Services Questionnaire

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

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:

Sushil K. Jain, P.E.
Structural Engineer

Project Assignment:

Structural Engineer

Name of Firm with which associated:

HEI Hartman Engineering, Inc.
Consulting Engineers

Years' experience with this Firm:

11 (2010)

Education: Degree(s)/Year/Specialization:

M.S.C.E., 1966, Michigan State University, Michigan USA
B.S.C.E., 1960, Punjab University, India
B.A., 1956, Punjab University, India

Active registration: Year first registered/discipline:

Active Registration: Year First Registered: 1976
Discipline: Civil State: Louisiana License No.: 15712

Other experiences and qualifications relevant to the proposed Project:

Mr. Jain is a Registered Professional Engineer with a Master's Degree in Civil Engineering. He has 50+ years of experience in Structural Analysis and Design in both government and private industry. His background includes: Structural analysis and design of bridges, drainage structures, multi storied buildings and structures using current IBC codes, foundation for major industrial project, power plants, waste water treatment plants,

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:

Sushil K. Jain, P.E.
Structural Engineer

waterfront structures, refinery and petrochemical plants etc. Engineering design of highways, roads, streets and general civil projects. Inspection and analysis of structural stability of buildings and structures.

576-26-0028 (Phase V) JP Project No. 2010-003-DR, LADOTD – Ave D Drainage Improvements (Westbank Expressway to 6th St.), Jefferson Parish, LA (2010-2012). Design Engineer for the preparation of preliminary and final plans and specifications for drainage and roadway improvements (LADOTD Statewide Flood Control Program). Design includes upgrade of existing drainage structures (which range from 15" to 96" RCP), structural design and detail of large conflict boxes, roadway reconstruction and utility relocation.

(HEI Project No. 12-014-76)

576-26-0028 H.003559 (Phase VI) JP Project No. 2012-006-DR, LADOTD – Ave D Drainage Improvements (Ave C, Ave A, Gaudet: Between 6th St. and 8th St.), Jefferson Parish, LA. Design Engineer for the preparation of preliminary and final plans and specifications for drainage and roadway improvements (LADOTD Statewide Flood Control Program). Design includes upgrade of existing drainage structures (which range from 15" to 72" RCP) structural design and detail of large conflict boxes, roadway reconstruction, utility relocations, and temporary traffic control. HEI Project No. 12-014-76

Harahan Drainage Pump to the River, Jefferson Parish, LA. This is a unique project in terms of complexity, administration, design, and rights of way to relieve chronic flooding in southeastern portion of east bank of Jefferson Parish via Southeast Louisiana Urban Flood Control Project (SELA), of the COE: A 700 ft long Suction canal; a 1,200 cfs pumping station; Three 9,000 ft long 84 inch diameter discharge piping to the Mississippi River levee, Reinforced concrete levee crossing of discharge pipes; Reinforced concrete discharge basin in Mississippi River; coordination with local community, regulatory agencies and DOTD regarding a very old oak tree (the Old Dickory); and relocation of several high tension electrical transmission towers. Project involved Detailed Design, construction documents (Plans and Specifications), cost estimate, engineering during construction, and construction management/QA, for construction cost of \$106.8 Million. HEI Project No. 11-012-09

Sauve Road Drainage Improvements, Jefferson Parish, LA. Design and construction administration for subsurface drainage improvements to the Sauve Road area consisting of the construction of a drainage pump station and associated force main and gravity line installations and any street work and utility adjustments necessitated by the work. HEI incorporated previous studies and modeling efforts provided by Jefferson Parish to our own investigations in order to determine the best solution to drainage problems in the area, and coordinated the design with drainage improvements being designed by others in the adjacent Hillings Ditch area. The Sauve Road improvements shall be complete and in place to receive Hillings Ditch improvements.

HEI PROJECT No. 13-014-77

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:

Sushil K. Jain, P.E.
Structural Engineer

PW 2011-040-DR, 17th St. Crossing at Airline Highway, (Monticello Canal at Airline Highway Drainage Improvements Council District 2), Jefferson Parish, LA Preparation of an Engineering Alternative Report (EAR) for the construction of drainage improvements to a portion of the Monticello Canal extending from approximately the north-side of Airline Highway (US 61) to the south-side of the New Orleans Public Belt Railroad (Amtrak). This work is located on the boundary of Jefferson Parish and Orleans Parish, Louisiana. The project consists of drainage improvements to the Monticello Canal to include a single box culvert at Airline Highway and KCS Railroad to accommodate Hoey's By-pass only; and modified transition structure that combines flows from Hoey's By-pass and Monticello Canal; (3) and constructing a 1,400 cfs pump station at the existing Hoey's Cut location. The professional services required of the ENGINEER include conceptual engineering and design, preliminary drawing preparation, surveying and mapping the project site, incorporating relocation data into the design documentation, determining ROW requirements, performing the geotechnical investigations required to obtain necessary design parameters, preparing preliminary quantity and cost estimates all combined into the EAR. Finally, the ENGINEER shall prepare a cost sharing agreement with all affected entities. HEI Project No. 11-014-84

One Bridge Crossing Replacement (Roundtree Road), Ascension Parish, LA. Demo existing timber bridge and replace with new concrete slab span bridge. HEI Project No. 12-031-03

Reserve Wastewater Treatment Plant ("St. John the Baptist Parish Wastewater Retention Pond Conversion to Wastewater Oxidation Treatment Pond"). Civil, Mechanical and Structural engineering design for the following components of the 3.0 MGD wastewater treatment plant and oxidation pond conversion. HEI responsibilities included:

- WWTP/Structural (EES #1108)
- Pump Station/Structural (EES #1507)
- Pump Station/Civil & Mechanical (EES #1508)
- Force Main/Civil & Mechanical (EES #1508)
- Permitting – WW Discharge, LDEQ
- Permitting – Levee Crossing & Coastal Zone, COE & LDNR

HEI Project No. 11-023-06

11-PS-MS-0026, City of Baton Rouge Sewer Program, (Multiple Pump Stations, Burbank Drive – Siegen Lane) SFL-C-003, Baton Rouge, LA 6 Pump Station replacements combined capacity increase of 0.5 to 12.5 million gallons per day (MGD) (150 – 9,000 GPM). Project includes replacement of one in-line booster pump station with a submersible pump station. HEI Project No. 12-093-11

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:

Sushil K. Jain, P.E.
Structural Engineer

Sanitary Sewer System Upgrades (Multiple Pump Stations – Burbank-Siegen) Project No. 11-PS-MS-0026.

Mr. Jain provided Structural Engineering for the replacement of 6 pump stations. The larger of the 6 required a Site Assessment, wetland delineation, wetland permitting and mitigation for a new 1-acre site. HEI Project No. 12-093-11

Donaldsonville Park Pavilion, Ascension Parish, LA. Prepared Preliminary and Final Construction drawings for the installation of a new 16,000 sf Pavilion including restroom facilities, vehicular access and parking lot.
HEI Project No. 12-031-01

Other projects which Mr. Jain worked on and has experience with in previous positions:

- Gonzales Motor Vehicle Building, Gonzales, LA.
- Donaldsonville DPW Maintenance Building, Donaldsonville, LA
- Social Service Building Renovation, Gonzales, LA
- Banks Elementary School Piping/Insulation Replacement, Baton Rouge, LA.
- Glen Oaks Middle School, Piping/Insulation Replacement, Baton Rouge, LA.
- Shenandoah Elementary School Piping/Insulation Replacement, Baton Rouge, LA
- Park Improvements, Lake Providence, LA
- Solid Waste Building Renovation Plaquemine Parish, LA
- Library building renovation, Grand Isle, LA
- Baker Junior High School Roof Replacement, Baker, LA
- Oxidation Pond Renovation, Rayville, LA
- African American Museum, Monroe, LA
- Structural design LA OCS building in Amite, LA
- Renovation of housing units, Alexandria, LA
- Master Plan Update at Baton Rouge Airport, Baton Rouge, LA
- Sidewalk along Hwy 75, City of St. Gabriel, LA
- Recreation Center, Reserve, LA
- Annunciation Street Condo, New Orleans, LA
- B.R. Airport- Security Area Modifications, Baton Rouge, LA
- Public Safety Complex Renderings, City of Baker, LA

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:

Sushil K. Jain, P.E.
Structural Engineer



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 12/06/2018, the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Sushil K. Jain
12635 Parkmeadow Avenue
Baton Rouge, LA 70816

**LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LPELS)**

9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

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Mr. Sushil K. Jain

License/Certificate Type - Number	Expiration Date
PE.0015712	09/30/2021

Status: **Active**

Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

L.A.R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.

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TEC Professional Services Questionnaire

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Bryan K. Joseph, E.I.
Project Engineer

Project Assignment:

Project Engineer

Name of Firm with which associated:

HEI Hartman Engineering, Inc.
Consulting Engineers

Years' experience with this Firm:

19 (2002)

Education: Degree(s)/Year/Specialization:

B.S., 2001, Mechanical Engineering, Southern University and A&M College, Baton Rouge, LA

Active registration: Year first registered/discipline:

Year First Registered: 2003

Discipline: Engineer Intern State: Louisiana License No.: EI20836

Other experiences and qualifications relevant to the proposed Project:

Completed "Introduction to ArcGIS I" ESRI certification (2008)

Mr. Joseph's experience includes a variety of civil and environmental engineering projects, ranging from complex modeling of sanitary and storm-water system, design of collection system sanitary sewer lift-stations, various recovery/disaster efforts through federal (Corp of Engineers, FEMA, EPA, HUD) and state authorities (LDEQ, MDEQ). In addition, Mr. Joseph has performed environmental (Phase I, categorical exemption) for federal clearance.

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Bryan K. Joseph, E.I.
Project Engineer

Hanson City Area Sewer Lift Station Improvements for LS 4102 (Airline Drive/Minden St.) and LS 4103 (Firehouse/Hanson City), TASK 1, Kenner, LA. **Project Engineer:** Lift Station 4103 (Firehouse Rd.) proposed improvements include installing new pumping equipment and associated controls, piping, electrical work, repairing the roof of the existing building on site, and converting the station to an underground type station. The capacity of LS4103 will be increased from 1,280 GPM maximum (2 pumps running) to 2,000 GPM maximum (2 pumps running, 1 pump stand by). Lift Station 4102 (Airline and Minden) improvements include installing new pumping equipment and associated controls, piping, electrical work, and demolishing the existing building on site. The capacity of LS4102 will be increased from 745 GPM maximum (2 pumps running) to 800 GPM maximum (1 pump running, 1 pump stand by). This project is partially funded by U.S. Department of Housing and Urban Development Community Development Block Grant's Hurricanes Gustav/Ike Disaster Recovery Grant.

HEI Project No. 11-011-77

Hanson City Area Sewer Lift Station Improvements for LS 4103 (Firehouse/Hanson City), TASK 2, Kenner, LA. **Project Engineer:** The work consisted of the replacement of the existing Firehouse Road (4103) lift station asbestos concrete force main with a new 12" I.D. HDPE sewer force main via directional drilling method. The work included the installation of air release valves and two tie-in locations (one at Lift Station 4103 and one at the existing discharge manhole location), all located on Louis Armstrong International Airport (MSY) property. This project is partially funded by U.S. Department of Housing and Urban Development (HUD) Community Development Block Grant's Hurricanes Gustav/Ike (CDBG) Disaster Recovery Grant and Louisiana Department of Environmental Quality Loan. HEI Project No. 11-011-77A

Ascension Parish East Bank North Regionalization Plan, Ascension Parish, LA. Preliminary design and modeling using InfoWorks ICM of over 40,000 customers. Preliminary design included modeling gravity and sewer forcemains, small and large pump stations, existing pump station rehabilitation, and routing analysis. HEI Project No. 12-031-16

UTL-18-0802, Hwy 42 Gravity Sewer Improvements (Cully Broussard Road to Harbor Lane), Ascension Parish, LA. Designed approximately 1,400 linear feet of gravity sewer (this included design of subsurface installation of approximately 100 linear feet of gravity sewer) along LA Hwy 42 from Cully Broussard Road to Lake Harbor Lane including two Hwy 42 crossings via Jack or Bore. This design work included all plan sheets and specifications necessary to bid out for construction. This work was required to connect existing and future services to the parish owned sanitary sewer line on the south side of LA Hwy 42. Additional Task Order was assigned (UTL-17-002 - Task Order No. HEI-19-002) Developed plans and specifications for an additional sewer tail line North of Hwy 42 {Galvez Seafood location} into the gravity main south of Hwy 42. Prepared DOTD permit applications for two (2) LA HWY 42 road crossings via Jack or Bore. HEI Project No.12-031-14

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Bryan K. Joseph, E.I.
Project Engineer

Germany Road Gravity Sewer Improvements, Ascension Parish, LA. HEI developed a preliminary engineering design and construction cost estimate for installation of sanitary sewer along Germany Road from Airline highway to LA Highway 44. HEI Project No. 12-031-15

UTL-17-002, Task Order No. HEI-19-003, LA HWY 42 – LA HWY 73 Roadway Corridor (Project Area PI-6), Ascension Parish, LA. HEI performed a preliminary engineering study to determine two potential sewer collection alignments / conceptual design including construction costs based upon finding of current sewer flows.

HEI Project No. 12-031-12C

SPN 576-26-0028, H.003559, Avenue D Drainage Improvements, Jefferson Parish, LA. Design of drainage project (funded in part by LADOTD Statewide Flood Control), in highly urbanized neighborhood, including the upgrade of approximately 20,000 lf of storm drain pipe (15" – 96") and relocating approximately 10,000 lf of (6" – 48") waterlines and 8" sanitary sewer. Entire road was reconstructed as part of the project. The Project is divided into six (6) phases generally described as follows:

Phase I, PWP No. 2008-043-DR, S.P.N. 576-26-0028(334). Installation of 54", 72" and 78"x122" arch pipe along 8th Street between Avenue C and Gaudet Drive, and 54" and 60" drain line along Allo Street between 6th Street and 8th Street. (JP Phase IV)

Phase II-A, PWP No. 2010-003-DR, S.P.N. 576-26-0028(335). Installation of 54"x88", 72", 62"x102" and 2 – 10'x7' box culverts along Avenue D between the Westbank Expressway and 6th Street. (JP Phase V)

Phase III, PWP No. 2012-006-DR, S.P.N. 576-26-0028(336). Installation of 54" and 60" drain line along Avenue A, 60" and 72" along Avenue C, and 48" and 54" along Gaudet Drive between 6th Street and 8th Street. (JP Phase VI)

Phase IV, PWP No. 2014-026-DR, S.P.N. 576-26-0028(337). Installation of 48" drain line along Allo Street and Avenue C between 4th Street and 6th Street. (JP Phase VII)

Phase V, PWP No. 2019-014-DR, S.P.N. 576-26-0028(338). Installation of 42" and 48" drain line along Gaudet Drive and 48" and 54" along Avenue A between 4th Street and 6th Street. (JP Phase VIII)

Phase VI, PWP No. XXXX-XX-DR, S.P.N. 576-26-0028(339). Installation of 72" RCP on 7th Street between Avenue B and Avenue C. (JP Phase IX)

(HEI Project No. 11-014-72, 12-014-76)

Project No. 2009-040-DR, Subsurface Improvements to Sena Drive (Phase I & II), Jefferson Parish, LA.

Design and construction administration for subsurface drainage improvements between Nero Street and West Esplanade Avenue consisting of gravity line installations watermain replacement, sanitary sewer replacement and the replacement of street, drive approaches and miscellaneous sidewalks. Extreme care had to be given to the existing live oak trees that lined both sides of the street. A professional arborist provided design assistance to the engineer. (HEI Project #13-014-78)

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Bryan K. Joseph, E.I.
Project Engineer

DPW Project No. 96-019D-RBI, Lapalco Blvd. Improvements, Jefferson Parish, LA. Design engineering for the Lapalco Boulevard roadway improvements from Tanglewood Drive to Westwood Drive. The project consists of widening the existing eastbound roadway and construction a new westbound roadway to create a continuous 6-lane divided roadway. The project includes subsurface drainage, box culvert extension, curb and gutter and bituminous concrete pavement. (HEI Project No. 11-014-53)

Design of SCIP Project 03561 - Rehabilitate Existing Cooper & Wilbur Lift Station, Jefferson Parish, LA. The contract work consists of construction of new sewer pumping station (including wet well, valve vault, control panel, associated electrical work, and all miscellaneous site work); gravity sewer; demolition of existing lift station and conversion of wet well to sewer manhole; connection to existing 6" force main and restoration of roadway and other disturbed areas. (HEI Project No.11-014-86)

State Project No. 004747, F.A.P. No. STP-3609-(518), Lake Forest Blvd (I-510-Eastover), Orleans Parish, LA. The City with assistance from the Department of Transportation and Development (DOTD) and the Federal Highway Administration (FHWA) proposed to provide all necessary engineering and related services required to complete the remaining approximate 400-foot section of westbound Lake Forest Boulevard approximately 450 feet west of its interchange with I-510. Lake Forest Boulevard was originally proposed as a four-divided roadway between Bullard Avenue and I-510. The eastbound lanes are in place and the westbound section is complete except for a 400-foot section behind the Eastover subdivision in Orleans Parish, Louisiana. HEI extended the Westbound Lake Forest Blvd. approximately 500' and installed subsurface drainage. HEI conducted design and environmental services on this project, and will prepared plans, specifications, and NEPA documentation. On course of NEPA documentation, HEI conducted Solicitation of Views (SOV) effort with more than 10 stakeholders, oversaw archeological investigation, and prepared the necessary Categorical Exclusion (CE) documentation to obtain environmental clearance of this federally funded project.

(HEI Project No. 12-092-08)

Project No. PW 18971 & 19124, St. Bernard Parish Government Sewer Project, Phase II, Area B, St. Bernard, LA. As a result of damages caused by Hurricane Katrina, St. Bernard Parish proposed to clean, televise, and repair their gravity sewer system east of Highway 47 through funding provided by FEMA. HEI conducted Design, Construction Administration, and Resident Inspection Services for this project. HEI was responsible for reviewing sewer evaluation survey results and FEMA recommendations to prepare work directives for the Contractor; and to inspect the work as it was completed. Rehabilitation work to the gravity sewer system consisted of open cut point repairs to damaged portions of gravity mainlines, full gravity line replacement by pipe bursting, house sewer service lateral replacement, and manhole lining and

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Bryan K. Joseph, E.I.
Project Engineer

repair/replacement. Additionally, all roadway replacement incidentals required by the sewer repairs were performed as part of this project. As of December 2012, over 50,000 linear feet of gravity sewer and 25,000 square yard of roadway have been repaired. (HEI Project No.11-025-08)



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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:


Bryan K. Joseph, E.I.
Project Engineer



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 12/06/2018, the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mr. Bryan Keith Joseph
1328 West Esplanade Ave.
Kenner, LA 70065



**LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)**

9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mr. Bryan Keith Joseph

License/Certificate Type - Number	Expiration Date
EI.0020836	09/30/2021
Status: Active	

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TEC Professional Services Questionnaire

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

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Connor D. Guidry, E.I.
Project Engineer

Project Assignment:

Project Engineer

Name of Firm with which associated:

HEI Hartman Engineering, Inc.
Consulting Engineers

Years' experience with this Firm:

4 (2017)

Education: Degree(s)/Year/Specialization:

B.S., 2018, Civil Engineering, Louisiana Tech University, Ruston, LA

Active registration: Year first registered/discipline:

Active Registration: Year First Registered: 2018

Discipline: Engineer Intern State: Louisiana License No.: EI33801

Other experiences and qualifications relevant to the proposed Project:

Ascension Parish East Bank North Regionalization Plan, Ascension Parish, LA. Preliminary design and modeling using InfoWorks ICM of over 40,000 customers. Preliminary design included modeling gravity and sewer forcemains, small and large pump stations, existing pump station rehabilitation, and routing analysis. HEI Project No. 12-031-16

Intersection Improvements (Veterans Blvd. – Bonnabel Blvd.) JP Parish Project 2017-028-RBP, Jefferson Parish, LA (On-going). Mr. Guidry provided Engineering support for this capacity improvements project at the intersection of Vets/Bonnabel. Additional left turn lanes are included in both directions along Veterans, new U-turns along Bonnabel, new signal to include pedestrians and future bike path. HEI Project No. 11-014-95

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

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Connor D. Guidry, E.I.
Project Engineer

Acadian Road Roundabout Route LA 20 (Canal Blvd.) and Local Routes (Back St., Jackson St., Thompson Pl.), Contract No. 4400004485, SPN. H009320.5, FAP No. H009320, Lafourche Parish, LA. Design of a traditional shaped dual lane 5-legged roundabout at the intersection of LA 20 and Jackson ST. in Thibodeaux, LA. The proposed roundabout shall branch from LA 20 into Canal Blvd. and Jackson St., also connecting Back St. and Thompson Pl. at the east and west approaches. Design will conform to EDSM V1.11.6. HEI Project No. 12-092-09

RR189, Project No. 2016-RR189, Capital Improvement Program, RR3 Village De L'Est Group C (FRC), PW7120355; K17-420, DPW FEMA PW No. 21032, City of New Orleans, LA. Engineering and construction management services for fall roadway reconstruction including drainage, water, and sewer replacements. Construction cost is approximately \$8,000,000. HEI Project No. 11-076-08

Lapalco Boulevard Improvements (Victory Drive – Westwood Drive), JPPW No. 96-019D-RBI, SPN. 742-26-0033, FAP No. HP-STP-6130(010) (Phase II), Jefferson Parish/LaDOTD, LA. Preliminary and final construction plans for 0.8 miles of road widening (from 4-6 lanes), drainage improvements, wetland delineation and jurisdictional determination, public hearings, regulatory agency coordination, permitting, (404 from COE, Coastal Use from LDNR, Water Quality Certification from LDEQ), and wetland mitigation. HEI Project No. 11-014-53

Professional Engineering Design and Related Services – MOVE ASCENSION INITIATIVE: MA-17-11, Task Order No. 1, C. Braud Road Safety Widening (LA 73 – Bluff Rd.), Ascension Parish, LA. Approximately 1 mile of safety widening along C. Braud Rd. and adding turning lanes on LA 928 onto C. Braud Rd. Design includes Roadway, Drainage and Sequence of Construction. HEI Project No. 12-031-13

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

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Connor D. Guidry, E.I.
Project Engineer



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 12/06/2018, the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Connor Guidry
5563 North Snowden Ave
Baton Rouge, LA 70817

**LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD**
(LPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

← Cut Here

Mr. Connor Guidry

License/Certificate Type - Number	Expiration Date
EI.0033801	03/31/2023
Status: Active	

→ Fold Here

Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

LAR, S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.

Print and keep the following information for your record or verification. The pocket card may also be printed on card stock or laminated to keep with you as license/certificate verification.

Disclaimer

All information provided by LPELS on this web page, and on its other web pages and internet sites, is made available to provide immediate access for the convenience of interested persons. While LPELS believes the information to be reliable, human or mechanical error remains a possibility, as does delay in the posting or updating of information. Therefore, LPELS makes no guarantee as to the accuracy, completeness, timeliness, currency, or correct sequencing of the information. Neither LPELS, nor any of the sources of the information, shall be responsible for any errors or omissions, or for the use or results obtained from the use of this information. Other specific cautionary notices may be included on other web pages maintained by LPELS.

9643 Brookline Avenue, Suite 121 • Baton Rouge, Louisiana 70809-1433 • (225) 925-6291 • Fax (225) 925-6292 • www.lapels.com

TEC Professional Services Questionnaire

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

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Stephen F. Urquhart
Civil/CAD Technician

Project Assignment:

Drafting and AutoCAD / Microstation Services

Name of Firm with which associated:

HEI Hartman Engineering, Inc.
Consulting Engineers

Years' experience with this Firm:

24 (1997)

Education: Degree(s)/Year/Specialization:

Assoc. Degree, Drafting/Design (AutoCAD/GIS), Baton Rouge Tech
Architecture Courses, University of Southwestern Louisiana

Active registration: Year first registered/discipline:

N/A

Other experiences and qualifications relevant to the proposed Project:

Mr. Urquhart has been a long-time member of HEI. Through his many years of service, he has amassed a wide range of drafting experience. In addition, through the years, he has become a competent design assistant on many diverse and complex projects.

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

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Stephen F. Urquhart
Civil/CAD Technician

(City/Parish DPW Project No. 09-GS-UF-008), Sanitary Sewer Overflow (SSO) 25th – North Acadian, CGN-C-0002, Baton Rouge, LA. Mr. Urquhart provided CAD services and support; the project involved sanitary sewer overflow upgrades which included the design and installation of approximately 13,000 linear feet of gravity sewer with diameters of 15" through 24". Project included LADOTD and C.N. Railroad permitting. Of particular note, design was 100% Complete within 7 months (including Survey and Geotech) of Notice to Proceed due to the request of City/Parish. HEI Project #12-093-09

PW Project No. 07-PS-BD-0018, Sanitary Sewer System Upgrades (Multiple Pump Stations - Lovett Road Area), North Service Area NFE-C-0002, Baton Rouge, LA. Mr. Urquhart provided CAD services and support for the design of sewer gravity and force mains. Replacement of three pump stations. HEI Project #12-093-07

City/Parish DPW Project No.09-PS-UF-0001, Sanitary Sewer System Upgrades (Staring Lane - Overflow Pump Station 58A) Service Area SGC-C-PS58A Baton Rouge, LA. Mr. Urquhart provided CAD services and support for the civil site layout for the 88 MGD Overflow Pump Station (58A) that flows directly to the South Waste Water Treatment Plant. HEI was a Sub-consultant to GEC on this project and design is 100% complete. HEI Project #12-093-08

City/Parish DPW Project No. 09-PS-MS-0034, Sanitary Sewer System Upgrades Booster Pump Station 514 Improvements, Baton Rouge, LA. Mr. Urquhart provided CAD services and support for the civil site layout for the 77 MGD Overflow Pump Station (514). HEI was a Sub-consultant to GEC on this project and design is 100% complete. HEI Project #12-093-10

South Beech Street Pump Station & Force Main Upgrade, Picayune, MS. As part of EPA Region 4 SPAP grant for wastewater infrastructure improvements, Mr. Urquhart provided CAD services and support for preliminary and final engineering plans and specifications pump station and force main system upgrade. Improvements included installation of new pumps for 1520 GPM pump station capacity and new 8" parallel force main for existing collection system. HEI Project #21-019-04

PW Project No. 2009-039-DR, Hillings Ditch/Sauve Road Drainage Improvements, Jefferson Parish, LA. Mr. Urquhart provided CAD services and support for the design of drainage project including storm water pump station (40 CFS (25.85 MGD) capacity), 1,200 linear feet of 36" force main and 1,200 linear feet of 30" force main and miscellaneous gravity storm sewers. This project provided a direct discharge to the Mississippi River. HEI Project #13-014-77

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

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Stephen F. Urquhart
Civil/CAD Technician

Harahan Pump-to-the-River Project, Jefferson Parish, LA. HEI is providing engineering services for two of the 3 – 84” diameter pipes and pump station phases. The project is currently being designed for construction in multiple phases. HEI is providing design and coordination services for a drainage pump station with a capacity of 1200 CFS (774 MGD) in conjunction with CDM-Smith including approximately 9,000 linear feet of 3 – 84” diameter pipes in parallel, a levee crossing structure and discharge basin into the Mississippi River.
HEI Project #11-012-09




Project No. 11-PS-MS-0026, City of Baton Rouge Sewer Program, (Multiple Pump Stations, Burbank Drive – Siegen Lane) SFL-C-0003, Baton Rouge, LA. 6 Pump Station replacements, 0.5 to 12.5 million gallons per day (MGD) (150 – 9,000 GPM). Project includes replacement of one in-line booster pump station with a submersible pump station. HEI Project #12-093-11

DPW Project No. 13-TP-MS-0047, North Wastewater Treatment Plant Master Plan Plant Improvements Project, Baton Rouge, LA. Mr. Urquhart provided CAD services and support for the design of this project to include coordinating a proposed improvements master plant layout, design and layout of various types of yard piping, proposed potable water facilities, drainage analysis and design, grading, geometric roadway and pavement designs, striping and traffic control, and erosion control. Interdisciplinary coordination efforts and various permit requirements and application preparations (USACE wetlands, DHH, DEQ, Pontchartrain Levee District, CPRA, etc.), are also part of HEI responsibilities for this project. HEI is a Sub-consultant to CDM-Smith on this project, and design is 90% complete. HEI Project #12-093-12

TEC Professional Services Questionnaire

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




PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p style="text-align: center;">SCIP Project D5714, Sewer Lift Station D6-5 Force Main Improvements, Jefferson Parish, LA</p> <p style="text-align: center;">Jefferson Parish SCIP 1221 Elmwood Park Blvd. Jefferson, LA 70123</p> <p style="text-align: center;">Neil Schneider, P.E. 504-736-6833 nschneider@jeffparish.net</p> <p>% of work Performed in LA: 100%</p> <p>Firm's Responsibility: Prime</p> <p>Key Staff on Project: Jared B. Monceaux, P.E. (Project Manager & QA/QC) Rolland A. Mura, P.E. (Senior Project Engineer) Danielle B. Connelly, P.E. (Project Engineer) Bryan K. Joseph, E.I. (Project/Construction Engineer) Stephen F. Urquhart (CAD Designer)</p>	<div style="display: flex; justify-content: space-around;">   </div>  <p>Sewer pump upgrade, force main rerouting, associated electrical work and roadway replacement; Design of the West Napoleon Force Main between David Drive and Transcontinental Drive, generally consisting of the following: approximately 9000 linear feet of 30" sewer force main, with tie-ins to the existing D6-5 sewer lift station and the existing 18" force main at West Napoleon Avenue and Transcontinental Drive. <small>(HEI Project #11-014-74)</small></p>	
Completion Date (actual or estimated):	Estimated Cost (in thousands):	
	Entire Project	Work for which Firm was Responsible:
<p style="text-align: center;">Start Date: 2009</p> <p style="text-align: center;">End Date: 2012</p>	<p>\$2.589 (Construction)</p>	<p>100%</p>

TEC Professional Services Questionnaire

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

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Design of SCIP Project D3123, Rehabilitate Existing Trickling Filters at Harvey Wastewater Treatment Plant, Jefferson Parish, LA</p> <p style="text-align: center;">Jefferson Parish Dept. of Capital Projects 1221 Elmwood Park Blvd., Suite 906, Jefferson, LA 70123</p> <p style="text-align: center;">Sid Trouard, P.E. 504-736-6386 strouard@jeffparish.net</p> <p>% of work Performed in LA: 100%</p> <p>Firm's Responsibility: Prime</p> <p>Key Staff on Project: Jared B. Monceaux, P.E. (Project Manager & QA/QC) Rolland A. Mura, P.E. (Senior Project Engineer) Danielle B. Connelly, P.E. (Project Engineer) Bryan K. Joseph, E.I. (Project/Construction Engineer) Stephen F. Urquhart (CAD Designer)</p>	<div style="display: flex; justify-content: space-around;">    </div> <p>Rehabilitate existing Trickling Filters at the Harvey Wastewater Treatment Plant - remove, clean and repair/replace existing trickling filter media (stacked 'crate' type), remove existing rotary distribution systems and replace with new stainless steel rotary distribution systems, inspect, repair and replace existing water supply (hydrant, water line), change existing vents with new SS or Aluminum vents, piping and media support inside filters, remove and exist hand rails, and installation of new LED lighting.</p> <p style="font-size: small;">(HEI Project #11-014-93)</p>	
Completion Date (actual or estimated):	Estimated Cost (in thousands):	
	Entire Project:	Work for which Firm was responsible:
<p>Start Date: 2017 End Date: 2020 Design (Est.)</p> <p style="text-align: right;">2021 Construction (Est.)</p>	<p>\$2,641 (Fee)</p>	<p>100%</p>

TEC Professional Services Questionnaire

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




PROJECT NO. 3

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:					
<p>Design of SCIP Project D2131 - Rehabilitate Existing Trickling Filters at Marrero Wastewater Treatment Plant, Jefferson Parish, LA</p> <p style="text-align: center;">Jefferson Parish Dept. of Capital Projects 1221 Elmwood Park Blvd., Jefferson, LA 70123</p> <p style="text-align: center;">Sid Trouard, P.E. 504-736-6386 strouard@jeffparish.net</p> <p>% of work Performed in LA: 100%</p> <p>Firm's Responsibility: Prime</p> <p>Key Staff on Project: Jared B. Monceaux, P.E. (Project Manager & QA/QC) Rolland A. Mura, P.E. (Senior Project Engineer) Danielle B. Connelly, P.E. (Project Engineer) Bryan K. Joseph, E.I. (Project/Construction Engineer) Stephen F. Urquhart (CAD Designer)</p>	<div style="display: flex; justify-content: space-around;">   </div> <p>Project 1: Rehabilitate existing Trickling Filters at the Marrero Wastewater Treatment Plant - remove, clean and repair/replace existing trickling filter media, remove, remove and replace all influent and effluent sluice gates (new gates to have electric actuators), clean repair/replace existing geodetic dome covers over both trickling filter units, inspect, repair and coat existing concrete surface, change existing vents, piping and media support inside filters, remove existing rotary distribution systems and replace with new stainless steel rotary distribution systems, investigate if the existing electrical items in the trickling filter control room is above 100 Year BFE and all related incidental work.</p> <div style="display: flex; justify-content: space-around;">   </div> <p>Project 2: Remove and replace vertical turbine recirculation pumps, motors and valves, blast and paint recirculation piping, redo all electrical control panels, motor control centers and other electrical items in the trickling filter electrical room, new electrical equipment building (pile supported, flat roof, window AC) constructed to conform to 100 years BFE requirement, mob/demob and all related incidental work. (HEI Project #11-014-85)</p>					
<p>Completion Date (actual or estimated):</p>	<p style="text-align: center;">Estimated Cost (in thousands):</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 35%; text-align: center;">Entire Project:</th> <th style="width: 65%; text-align: center;">Work for which Firm was responsible:</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; vertical-align: top;"> <p>Projects 1 & 2</p> <p>\$3,800 (Construction)</p> </td> <td style="text-align: center; vertical-align: top;"> <p>Project 1 – 90%</p> <p>Project 2 – 75%</p> <p>\$163 (Design)</p> </td> </tr> </tbody> </table>		Entire Project:	Work for which Firm was responsible:	<p>Projects 1 & 2</p> <p>\$3,800 (Construction)</p>	<p>Project 1 – 90%</p> <p>Project 2 – 75%</p> <p>\$163 (Design)</p>
Entire Project:	Work for which Firm was responsible:					
<p>Projects 1 & 2</p> <p>\$3,800 (Construction)</p>	<p>Project 1 – 90%</p> <p>Project 2 – 75%</p> <p>\$163 (Design)</p>					
<p>Start Date: 2013 End Date: Project 1 - 2015</p> <p>2014 Project 2 – 2017</p>						

TEC Professional Services Questionnaire

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

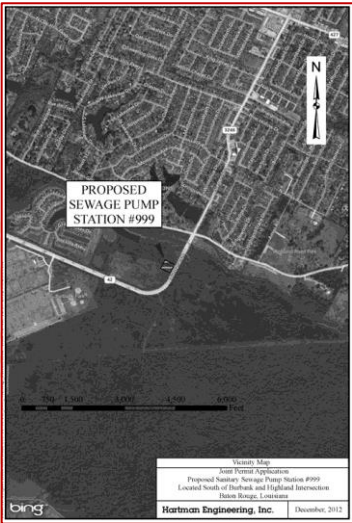
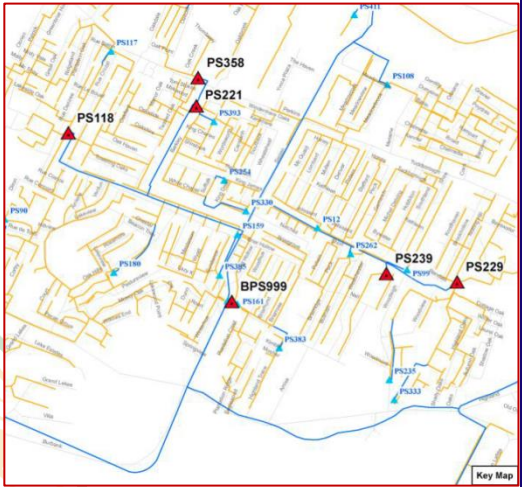
PROJECT NO. 4

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Design of SCIP Project D3561 - Rehabilitate Existing Cooper & Wilbur Lift Station, Jefferson Parish, LA</p> <p style="text-align: center;">Jefferson Parish Dept. of Capital Projects 1221 Elmwood Park Blvd., Suite 906, Jefferson, LA 70123</p> <p style="text-align: center;">Sid Trouard, P.E. 504-736-6386 strouard@jeffparish.net</p> <p>% of work Performed in LA: 100%</p> <p>Firm's Responsibility: Prime</p> <p>Key Staff on Project: Jared B. Monceaux, P.E. (Project Manager & QA/QC) Rolland A. Mura, P.E. (Senior Project Engineer) Danielle B. Connelly, P.E. (Project Engineer) Bryan K. Joseph, E.I. (Project/Construction Engineer) Stephen F. Urquhart (CAD Designer)</p>	<div style="display: flex; justify-content: space-around;">   </div>  <p>The contract work consists of construction of new sewer pumping station (including wet well, valve vault, control panel, associated electrical work, and all miscellaneous site work); gravity sewer; demolition of existing lift station and conversion of wet well to sewer manhole; connection to existing 6" force main and restoration of roadway and other disturbed areas. (HEI Project #11-014-86)</p>	
Completion Date (actual or estimated):	Estimated Cost (in thousands):	
	Entire Project:	Work for which Firm was responsible:
<p>Start Date: 2014</p> <p style="text-align: right;">End Date: 2015 Design</p> <p style="text-align: right;">2016 Construction</p>	<p>\$677 (Construction)</p>	<p>\$155 (Fee)</p>

TEC Professional Services Questionnaire

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

PROJECT NO. 5

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:					
<p style="text-align: center;">SFL-C-0003, Project No. 11-PS-MS-0026, City of Baton Rouge Sewer Program, (Multiple Pump Stations, Burbank Drive – Siegen Lane)</p> <p style="text-align: center;">East Baton Rouge Parish DPW P.O. Box 1471 Baton Rouge, LA 70821</p> <p style="text-align: center;">Adam Smith 225-389-5623 x315 asmith@brgov.com</p> <p>% of work Performed in LA: 100%</p> <p>Firm's Responsibility: Prime</p> <p>Key Staff on Project: Jared B. Monceaux, P.E. (Project Manager & QA/QC) Rolland A. Mura, P.E. (Senior Project Engineer) Danielle B. Connelly, P.E. (Project Engineer) Stephen F. Urquhart (CAD Designer)</p>	<div style="display: flex; justify-content: space-around;">   </div> <p>As part of East Baton Rouge Parish on-going compliance order, 6 Pump Station, ranging from 0.5 to 12.5 million gallons per day (MGD) (150 – 9,000 GPM) were proposed for replacement. Project includes replacement the rehab of one (peak design flow 23GPM) of the six stations and completely new booster station (8,536 GPM). In addition to design, HEI performed ASTM Phase I Environmental Site Assessment for sites for two proposed sanitary sewer lift stations. (HEI Project #12-093-11)</p>					
<p>Completion Date (actual or estimated):</p> <p>Start Date: 2011 End Date: 2013 Design 2017 Construction</p>	<p style="text-align: center;">Estimated Cost (in thousands):</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: center;">Entire Project:</th> <th style="width: 50%; text-align: center;">Work for which Firm was responsible:</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; vertical-align: top;"> <p>\$1,500 (Fee) \$10,000 (Const.)</p> </td> <td style="text-align: center; vertical-align: top;"> <p>\$1,100 (Fee)</p> </td> </tr> </tbody> </table>		Entire Project:	Work for which Firm was responsible:	<p>\$1,500 (Fee) \$10,000 (Const.)</p>	<p>\$1,100 (Fee)</p>
Entire Project:	Work for which Firm was responsible:					
<p>\$1,500 (Fee) \$10,000 (Const.)</p>	<p>\$1,100 (Fee)</p>					

TEC Professional Services Questionnaire

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

PROJECT NO. 6

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p style="text-align: center;">Design Services for 35th & Ole Miss Lift Station, Kenner, LA</p> <p style="text-align: center;">City of Kenner Dept. of Public Works 1905 24th Street Kenner, LA 70062</p> <p style="text-align: center;">Laney P. Rivera, P.E. 504-468-6129 lrivera@deii.net</p> <p>% of work Performed in LA: 100%</p> <p>Firm's Responsibility: Prime</p> <p>Key Staff on Project: Jared B. Monceaux, P.E. (Project Manager & QA/QC) Rolland A. Mura, P.E. (Senior Project Engineer) Bryan K. Joseph, E.I. (Project/Construction Engineer) Stephen F. Urquhart (CAD Designer)</p>	<div style="display: flex; justify-content: space-around;">  </div> <p>This project involved design of 4 submersible pumps in an 8,000 GPM capacity sewer pump station with 2 wet wells, 2 junction boxes, odor control for 2 wet wells and 2 junction boxes, relocation of 7 force mains (6" - 18") and gravity sewer, tie-in to existing 20" sewer force main, and demolition of existing pump station (with property transfer between City and Church). Project activities include design, preparation of plans and specifications, construction services and resident inspection. (HEI Project #11-011-74)</p>	
Completion Date (actual or estimated):	Estimated Cost (in thousands):	
	Entire Project:	Work for which Firm was responsible:
<p>Start Date: 2009 End Date: 2009 (Design)</p> <p>2011 2012 (Construction)</p>	\$2,100 (Construction)	\$139 (Fee)

TEC Professional Services Questionnaire

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


PROJECT NO. 7

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p style="text-align: center;">Chateau Transfer Station Force Main, Alternative Alignment Study/Design Kenner, LA</p> <p style="text-align: center;">City of Kenner Dept. of Public Works 1905 24th Street Kenner, LA 70062</p> <p style="text-align: center;">Thomas M. Schreiner, P.E. 504-468-6129 tschreiner@kenner.la.us</p> <p>% of work Performed in LA: 100%</p> <p>Firm's Responsibility: Prime</p> <p>Key Staff on Project: Jared B. Monceaux, P.E. (Project Manager & QA/QC) Rolland A. Mura, P.E. (Senior Project Engineer) Bryan K. Joseph, E.I. (Project Engineer) Stephen F. Urquhart (CAD Designer)</p>	<div style="display: flex; justify-content: space-around;">  </div> <div style="text-align: center; margin: 10px 0;">  </div> <p>This conceptual study involved evaluating alternative alignment routes of a replacement sewer force main from the Chateau Sewer Transfer Station to WWTP No. 3. Alternatives were evaluated based upon hydraulic capacity, construction cost, constructability, and street conditions. The approximate length of the replacement force main is 7,000 LF of 30" diameter pipe. Subsequently the project was broken into three portions for design with HEI designing 3,000 LF of the force main. <small>(HEI Project #111-011-75)</small></p>	
Completion Date (actual or estimated):	Estimated Cost (in thousands):	
	Entire Project:	Work for which Firm was responsible:
<p>Start Date: 2009 End Date: 2009 (Study)</p> <p>2013 2022 (Construction) (Est.)</p>	\$7,000 (Construction)	\$57 (Fee)

TEC Professional Services Questionnaire

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



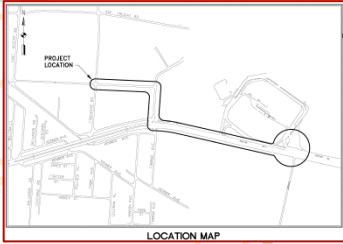
PROJECT NO. 8

Project Name, Location and Owner's contact information:	Description of Services Provided:	
<p style="text-align: center;">Hanson City Area Sewer Lift Station Improvements for LS 4102 (Airline Drive/Minden St.) and LS 4103 (Firehouse/Hanson City), Kenner, LA</p> <p style="text-align: center;">City of Kenner Dep. of Public Works 1905 24th Street Kenner, LA 70062</p> <p style="text-align: center;">Laney P. Rivera, P.E. 504-468-6129 lrivera@deii.net</p> <p>% of work Performed in LA: 100%</p> <p>Firm's Responsibility: Prime</p> <p>Key Staff on Project: Jared B. Monceaux, P.E. (Project Manager & QA/QC) Rolland A. Mura, P.E. (Senior Project Engineer) Bryan K. Joseph, E.I. (Project/Construction Engineer) Stephen F. Urquhart (CAD Designer)</p>	<div style="display: flex; justify-content: space-around;">  </div> <p>Lift Station 4103 (Firehouse Rd.) proposed improvements include installing new pumping equipment and associated controls, piping, electrical work, repairing the roof of the existing building on site, and converting the station to an underground type station. The capacity of LS4103 will be increased from 1,280 GPM maximum (2 pumps running) to 2,000 GPM maximum (2 pumps running, 1 pump stand by). Lift Station 4102 (Airline and Minden) improvements include installing new pumping equipment and associated controls, piping, electrical work, and demolishing the existing building on site. The capacity of LS4102 will be increased from 745 GPM maximum (2 pumps running) to 800 GPM maximum (1 pump running, 1 pump stand by). This project is partially funded by U.S. Department of Housing and Urban Development Community Development Block Grant's Hurricanes Gustav/Ike Disaster Recovery Grant. <small>(HEI Project #111-011-77)</small></p>	
Completion Date (actual or estimated):	Estimated Cost (in thousands):	
	Entire Project:	Work for which Firm was responsible:
<p>Start Date: 2014 (Actual)</p> <p>End Date: 2016 (Actual)</p>	\$865 (Construction)	\$187 (Fee)

TEC Professional Services Questionnaire

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



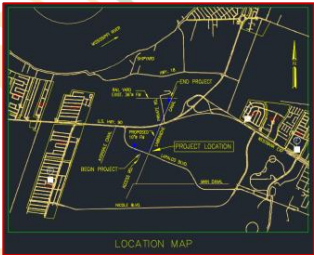
PROJECT NO. 9

Project Name, Location and Owner's contact information:	Description of Services Provided:	
<p>Hanson City Area Sewer Lift Station Improvements for LS 4103 (Firehouse/Hanson City) Force Main, Kenner, LA</p> <p>City of Kenner Dep. of Public Works 1905 24th Street Kenner, LA 70062</p> <p>Laney P. Rivera, P.E. 504-838-6009 lrivera@deii.net</p> <p>% of work Performed in LA: 100%</p> <p>Firm's Responsibility: Prime</p> <p>Key Staff on Project: Jared B. Monceaux, P.E. (Project Manager & QA/QC) Rolland A. Mura, P.E. (Senior Project Engineer) Bryan K. Joseph, E.I. (Project/Construction Engineer) Stephen F. Urquhart (CAD Designer)</p>	<div style="display: flex; justify-content: space-around;">   </div> <div style="text-align: center;">  <p style="font-size: small;">LOCATION MAP</p> </div> <p>The proposed work consists of the replacement of the existing Firehouse Road (4103) lift station asbestos concrete force main with a new 12" I.D. HDPE sewer force main via directional drilling method. The work shall include the installation of air release valves and two tie-in locations (one at Lift Station 4103 and one at the existing discharge manhole location), all located within close proximity to Louis Armstrong International Airport (MSY). This project is partially funded by U.S. Department of Housing and Urban Development (HUD) Community Development Block Grant's Hurricanes Gustav/Ike (CDBG) Disaster Recovery Grant. (HEI Project #11-011-77A)</p>	
<p>Completion Date (actual or estimated):</p>	<p>Estimated Cost (in thousands):</p>	
	<p>Entire Project:</p>	<p>Work for which Firm was responsible:</p>
<p>Start Date: 2014</p> <p>End Date: 2020 (Estimated)</p>	<p>\$863 (Estimated)</p>	<p>\$108</p>

TEC Professional Services Questionnaire

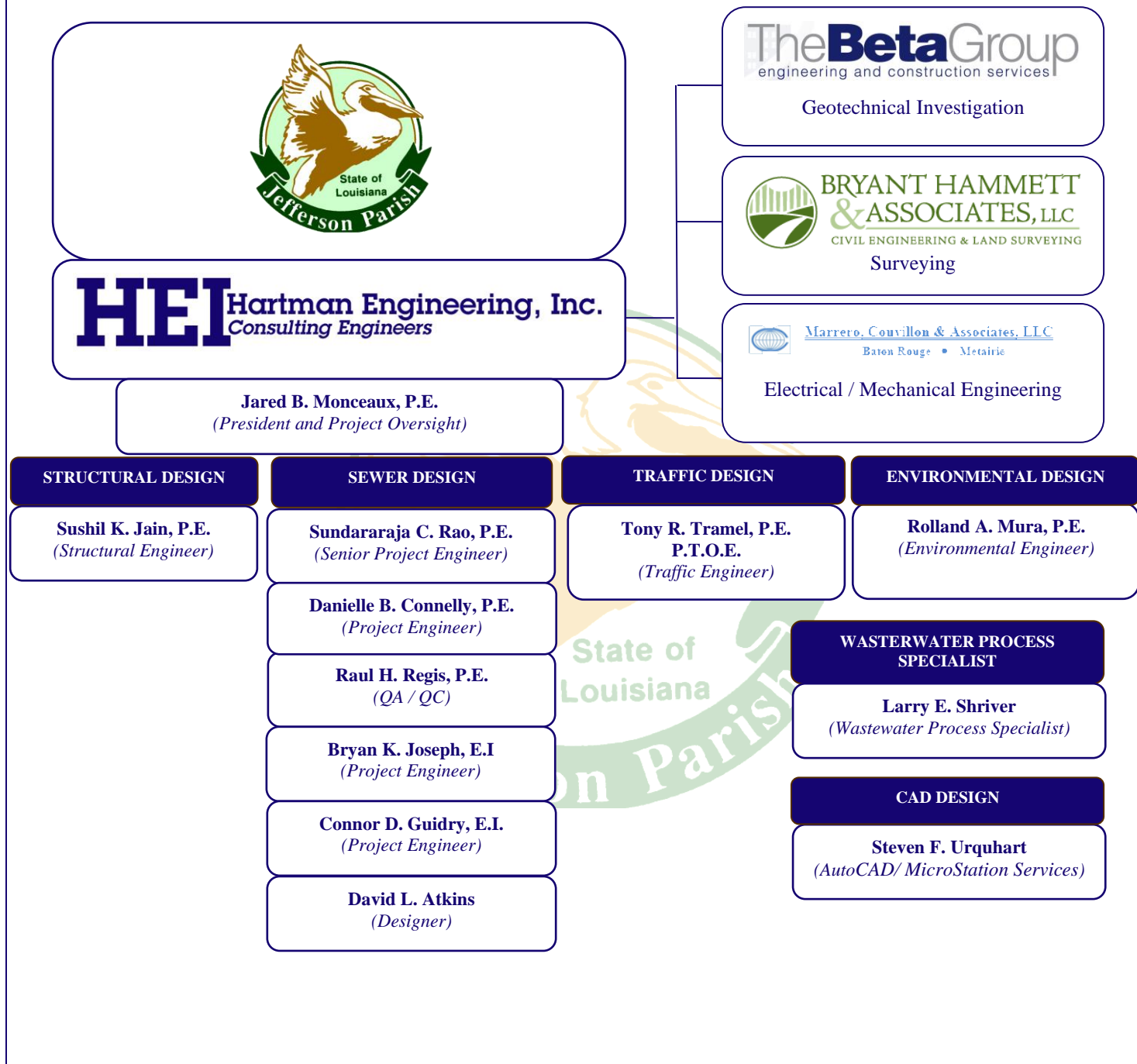
L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.

PROJECT NO. 10

Project Name, Location and Owner's contact information:	Description of Services Provided:	
<p style="text-align: center;">SCIP D5610, Fairfield Plantation/TPC Wastewater Pump Station and Force Main, West Bank Jefferson Parish, LA</p> <p style="text-align: center;">Jefferson Parish SCIP 1221 Elmwood Park Blvd. Jefferson, LA 70123</p> <p style="text-align: center;">Sid Trouard, P.E. 504-736-6386 strouard@jeffparish.net</p> <p>% of work Performed in LA: 100%</p> <p>Firm's Responsibility: Prime</p> <p>Key Staff on Project: Jared B. Monceaux, P.E. (Project Manager & QA/QC) Rolland A. Mura, P.E. (Senior Project Engineer) Bryan K. Joseph, E.I. (Project/Construction Engineer) Stephen F. Urquhart (CAD Designer)</p>	<div style="display: flex; justify-content: space-around;">   </div>  <p>Designed sewage pump station, force main, and influent gravity sewers for the area and TPC Golf Course on Lapalco Boulevard. The project included a duplex, 400-GPM capacity pump station with two above-ground, self-priming, non-clog sewerage pumps, 1100 lf of gravity sewers, over 5,500 lf of 10" sewer force main, and a wet-tap tie-in to an existing 36" diameter Price Brothers concrete pipe force main, jack and bore highway crossings. (HEI Project #11-014-50-60/61)</p>	
Completion Date (actual or estimated):	Estimated Cost (in thousands):	
	Entire Project:	Work for which Firm was responsible:
<p>Start Date: 2001</p> <p>End Date: 2003</p>	\$1,600	\$125

TEC Professional Services Questionnaire

HEI Organizational Chart



TEC Professional Services Questionnaire

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

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1.		None to Report
2.		
3.		
4.		

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

COMPANY OVERVIEW & HISTORY

Hartman Engineering, Inc., (HEI) was established in July 1986 as a consulting engineering firm specializing in planning, design, and construction management services for civil and environmental engineering projects. HEI has (and is currently) provided planning, design and construction management services for area clients:

- Municipalities and Parishes throughout Louisiana, including Jefferson Parish, City-Parish of East Baton Rouge, St. Charles Parish, Terrebonne Parish, Orleans Parish, St. John the Baptist Parish, Ascension Parish, St. Tammany, and Plaquemines Parish.
- Cities including New Orleans, Kenner, and Slidell, LA, and Picayune, MS.
- Specific area agencies including the Regional Planning Commission of New Orleans, the New Orleans Sewerage & Water Board, the Orleans Levee Board, the East Jefferson Levee District, and Southeast LA Flood Protection Authority – West.
- LA State agencies including the Louisiana Dept. of Natural Resources, Louisiana Dept. of Transportation & Development (LADOTD), and the Louisiana Dept. of Environmental Quality (LDEQ). Federal agencies including the U.S. Army Corps of Engineers (New Orleans District) and Housing and Urban Development (HUD).
- Airports such as the Baton Rouge Metropolitan Airport, the Lakefront Airport (New Orleans) and the Louis Armstrong New Orleans International Airport.

The firm's offices are fully insured and licensed to provide professional engineering services. We are equipped with the latest in computer aided design, communications technologies, and Geographic Information System (GIS) that enable us to provide responsive and economical design and construction services. This document includes a description of our staff's capabilities and a discussion of HEI's project experience. HEI currently employs engineers, scientists, designers, CAD technicians, construction inspectors and clerical staff with experience in:

- Wastewater, water, stormwater, and solid waste facilities, planning, & design.
- Bridge design, flood protection and construction management.
- Roadway, sidewalk & associated utility services.
- Flood protection and drainage – studies, numerical modeling, design, construction administration, permitting and funding.
- Computerized graphics, mapping, and GIS.
- Construction Management and Resident Inspection Services.
- Commercial land development permitting, planning, and design.

Following is our response to the evaluation criteria listed in order from the RFQ:

MINIMUM REQUIREMENTS FOR SELECTION:

1. The persons or firms under consideration shall have at least one (1) principal who is a registered professional engineer in the State of Louisiana.
 - **Jared B. Monceaux, P.E. HEI PE 32202 Exp. 3/31/2022**
2. The persons or firms under consideration shall have a professional in charge of the Project who is a registered professional engineer in the State of Louisiana with a minimum of five (5) years' experience.
 - **Jared B. Monceaux, P.E. HEI PE 32202 Exp. 3/31/2022**
3. The persons or firms under consideration shall have one (1) employee who is a registered professional engineer in the State of Louisiana in the applicable discipline involved. A subcontractor may meet this requirement only if the advertised Project involves more than one discipline.
 - **Jared B. Monceaux, P.E. HEI PE 32202 Exp. 3/31/2022**
 - **Rolland A. Mura, P.E. HEI PE 14997 Exp. 3/31/2022**
 - **Sundararaja C. Rao, P.E. HEI PE 17005 Exp. 9/30/2021**
 - **Raul H. Regis, P.E. HEI PE 34006 Exp. 9/30/2022**
 - **Danielle B. Connelly, P.E. HEI PE 36284 Exp. 9/30/2021**

1. PROFESSIONAL TRAINING AND EXPERIENCE (35 points)

HEI's engineering projects consist mainly of Public Works such as wastewater system design and assessments, roads, streets, associated traffic design and control; drainage structures, canals, bridges, culverts, bulkheads, pump stations, levees and floodwalls. Our work is usually in congested urban areas so we are sensitive to consideration of the impact on adjacent residents and businesses. Relocation of conflicting facilities/utilities is a typical task. See Section L for detailed experience.

HEI's staff includes engineers with advanced civil and environmental engineering degrees and numerous professional and training certifications including the prestigious Board Certification from the American Academy of Environmental Engineering.

2. FIRM SIZE (20 points)

HEI has a full staff to provide engineering services, with offices in Kenner and Prairieville, Louisiana.

3. CAPACITY FOR TIMELY COMPLETION (20 points)

HEI prides itself with meeting project deadlines requested by our clients. HEI offers the engineering and support staff required to meet accelerated deadlines and, most importantly, deliver a quality product in that time frame.

A few examples of our promptness can be found in the following:

- a) Soniat Canal Drainage Improvements preliminary plans, completed in only one month as requested by the client (Jefferson Parish).
- b) The East Baton Rouge City-Parish Project, 25th St – N. Acadian Project Design was 100% Complete within 7 months (including Survey Services and Geotechnical Analysis) of Notice to Proceed as per the request of City/Parish. HEI completed this project 2 months ahead of schedule.

4. PAST PERFORMANCE (10 points)

HEI is proud of our past performance and service to previous, present, and continuing clientele, and none of HEI's past project work have been deemed to be at fault from design inadequacies, time delays and/or cost overruns. Our reputation in the field is excellent, and we enjoy a high rate of repeat business.

HEI recognizes that quality, accuracy and timely work in both the design and construction phases, are the keys to a successful project. This is our commitment to the success of the projects you assign us.

5. LOCATION OF THE PRINCIPAL OFFICE WHERE WORK WILL BE PERFORMED (15 points)

The firm's offices are located in Kenner and Prairieville, Louisiana. The Kenner office is located within Jefferson Parish and will be providing all of the professional services under this contract.

6. LITIGATION (15 points)

In over thirty years of professional service activities, HEI has not been involved in any litigation activity with Jefferson Parish or any other clients.

7. PRIOR SUCCESSFUL COMPLETION OF PROJECTS. (15 points)

HEI has successfully completed many projects for Jefferson Parish in its more than thirty-year tenure including all aspects of roadway planning, design, and construction. We offer the following references for your review and invite you to contact them directly for a discussion of HEI's capabilities.

Mark Drewes, P.E., Dir. of Public Works Jefferson Parish 1221 Elmwood Park Blvd., Ste. 904 Jefferson, LA 70123 504-736-6783	Neil Schneider, P.E., Dir. of Capital Projects Jefferson Parish 1221 Elmwood Park Blvd., Ste. 906 Jefferson, LA 70123 504-736-6833	Mike Lockwood, MSPH, Dir. of Sewerage Jefferson Parish 1221 Elmwood Park Blvd., Ste. 803 Jefferson, LA 70123 504-736-6661
Jackie Baumann, P.E., City Engineer, City of Gonzales 120 S. Irma Blvd. Gonzales, LA 70737 225- 647-9589	Melissa LeBas, P.E., Urban Systems Project Mgr. LaDOTD 1201 Capital Access Road, Room S-616 Baton Rouge, LA. 70802 225-379-1046	Tom Schreiner, Deputy CAO Public Works and Capital Projects for City of Kenner 1610 Reverend Richard Wilson Drive Kenner, LA 70062 504-468-7515
Ryan Foster, P.E., Project Engineer Orleans Levee District 6920 Franklin Ave. New Orleans, LA 70122 504-286-3100	Joan M. Exnicios, Chief of Planning US Army Corps of Engineers, N.O. District P.O. Box 60267 New Orleans, LA 70160 504-862-1760	Jason LaCombe, P.E., Assistant Road Design Engineer Administrator, LADOTD 1201 Capitol Access Rd. Baton Rouge, LA 70802 225-379-1046
Ignacio Harrouch, P.E., Chief of Construction Coastal Protection Restoration Authority P.O. Box 44027 Baton Rouge, LA 70804 225-342-4501		Tacie Rabalais, P.E. Chief Transportation Engineer, Ascension Parish DPW 42077 Churchpoint Rd. Gonzales, LA 70737 225-450-1386

PAST AND CURRENT PROFESSIONAL ACCOMPLISHMENTS

HEI has been licensed to do engineering in Louisiana for more than 30 years and has belonged or belongs to various professional organizations such as the ACEC (American Council of Engineering Companies), LES (Louisiana Engineering Society), ASCE (American Society of Civil Engineers), APWA (American Public Works Association), The Jefferson Parish Chamber of Commerce, Ascension Parish Chamber of Commerce, Better Business Bureau, and Society of American Military Engineers.

Members of the firm have held high office in professional organizations such as:

President of Louisiana Water Environment Association
(Rolland Mura, P.E., B.C.E.E.)

Director, New Orleans Branch of ASCE
(Rolland Mura, P.E., B.C.E.E.)

Board Certified Environmental Engineer, American Academy of Environmental Engineers
(Rolland Mura, P.E. B.C.E.E.)

Arthur Sidney Bedelle Award
Water Pollution Control Federation
(Rolland Mura, P.E., B.C.E.E.)

STATEMENT OF MAXIMUM FEE

The maximum professional services fees for any specific project arising out of this contract, including fees for preliminary design, bid, construction and record drawing phases of the work but exclusive of supplemental services will be based on the ASCE professional services fee curve and will be determined on a project-by-project basis when such project scope and construction cost opinions become available.

FIRM MEMBERS' PUBLICATIONS AND PRESENTATIONS:

Joseph, B., Watts, J., Majumdar, P., Mardia, M., Foster, R., Elzey, D. and Wingate, M. (2008), "Evaluation of Sanitary Sewer System Vulnerability in Jefferson Parish, Louisiana," presented at Floodplain Management Association Annual Conference, San Diego, CA.

Completed "Introduction to ArcGIS I" ESRI certification (2008) for the following staff:
Bryan K. Joseph, E.I.

CAD and GIS Services

HEI has a full staff of CAD, MicroStation, InRoads, and GIS professionals capable of handling the workload for the project at hand. They are fully versed in the requirements and expectations you have regarding guidelines and deliverables for this project.

Project Approach

HEI provides the engineering judgment and depth of experience, in addition to the latest computer technology to provide expertise during the project development stage. We realize that this initial phase of project development has a significant impact on the project delivery system. Successful completion of this phase can:

- ❖ Streamline initiation of design and completion of project construction.
- ❖ Allow better allocation of limited funding by providing project construction costs which are more accurate, and are less subject to change.
- ❖ Provide projects which, when completed, provide greater benefit to the public, both in safety, capacity, and economic development.

With this in mind, we have implemented a stringent Project Approach program, outlined below:

Project Scope. The first action taken by HEI's Project Manager upon award of project is to develop the scope of the project. This scope will include a detailed listing of project tasks to be accomplished, the logical order to accomplish these tasks, and a listing of project deliverables. This scope is typically submitted, or at a minimum discussed, with the project owner to verify that HEI management and the owner see the project, the required tasks, and the final products the same way.

Project Schedule. The second action taken by HEI's Project Manager is to develop a project schedule. Each task listed in the scope is given a start date, an estimated duration, and an estimated finish date. Once again this

is forwarded to the owner's representative for approval. The initial schedule is set to the owner's requirements.

Project Budget. The Project Manager, based upon the project scope and project schedule, develops two budgets: one budget for the resources required to produce the finished project on schedule, and the second, in most cases, is a preliminary estimate of probable cost of construction. The first budget is submitted and usually used as the basis of a fee negotiation. Once completed, the project budget and schedule are the Project Manager's guide to bring a quality project in on time. The second estimate, the probable cost of construction, is also a guide agreed to by the owner of the project design. It is referred to, updated, and reviewed at major milestones as the project progresses to completion.

Quality Control/Quality Assurance. QC/QA comprises an integral part of our design and project management process. Our QC/QA process is summarized as follows:

General. Ensuring a quality product is a primary goal of the firm. QC/QA is required for public safety as well as client satisfaction. The Manager of the firm QC/QA program is the president of the firm; subcontractors are included in the QC/QA program. All QC/QA plans shall include an independent check, a peer review, supervisory executive review, and a review by either the Owner or the Firm President.

Check. All computations, calculations, and drawings shall be checked by a competent qualified member of the team other than the originator and so marked.

Peer Review. All products shall be reviewed at the working level by an uninvolved, qualified team member. The results of the review shall be resolved before going to the Executive Review. A record of the checks and peer review shall accompany the product to the executive review.

Executive Review. The Project Manager shall ensure that the checks and reviews are complete, and resolve any unresolved issues from the review process. Cost estimates will be checked to ensure proper order of magnitude, and the project will then advance to the Owner or Firm President.

Owner/President Review. The Owner/President shall insure that the checks and reviews are complete, resolve any outstanding issues, review the product, and determine if any changes are required in the QC/QA procedures.

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

Signature:



Print Name: Jared B. Monceaux, P.E.

Title: President

Date: May 26, 2021

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

Name:	Public Address:
Hartman Engineering, Inc.	Mr. B.K. Sneed 527 West Esplanade Avenue, Suite 300 Kenner, LA 70065

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0001344	ACTIVE	09/25/1986	03/31/2022	Mr. Jared Blayne Monceaux # PE.0032202 - Active Mr. Rolland Anthony Mura # PE.0014997 - Active



City of Gonzales

120 SOUTH IRMA BOULEVARD • GONZALES, LOUISIANA 70737 • PHONE (225) 647-2841 • FAX (225) 647-9557

BARNEY D. ARCENEUX
MAYOR/ADMINISTRATOR

DAVID J. GUITREAU-Division A
COUNCILMAN
DRAINAGE COMMISSIONER

KIRK J. BOUDREAU-Division B
COUNCILMAN
MAYOR PRO-TEMPORE
TREASURER
STREETS COMMISSIONER
AEDC LIAISON

HAROLD L. STEWART-Division C
COUNCILMAN
FIRE-DEPARTMENT COMMISSIONER
SANITATION COMMISSIONER

TYLER J. TURNER-Division D
COUNCILMAN
ASSISTANT TREASURER
UTILITIES COMMISSIONER

NEAL M. BOURQUE-Division E
COUNCILMAN
RECREATION COMMISSIONER
TOURIST COMMISSIONER

SHERMAN D. JACKSON
CHIEF OF POLICE

TRACEY N. NORMAND
FIRE CHIEF

CLAY A. STAFFORD
CITY CLERK
FINANCE DIRECTOR

ERIN LANOUX
CITY ATTORNEY

May 31, 2017

Mr. Jared Monceaux P.E., President
Hartman Engineering, Inc.
16563 Airline Highway, Suite A
Prairieville, LA 70769

Subject: City of Gonzales, Ascension Parish
LA 30: Turn Lanes @ S. Purpera & S. Hodgeson
LADOTD S.P.N. H.011490

Dear Mr. Monceaux:

I am writing to acknowledge and commend you for the excellent performance of Hartman Engineering, Inc. on the subject project and the resultant improvements to the intersection of LA 30 and Purpera in the City of Gonzales. Your firm's planning, design, and engineering services will ultimately lead to improved traffic safety and increased efficiency thru the intersection. Hartman Engineering has been responsive and adaptive to the needs of the City and its citizens in addressing the growing and high profile traffic conditions in Gonzales.

HEI and its key staff have provided excellent services for this transportation project and have fulfilled all task responsibilities in a quality, timely, and professional manner. The commitment of your design team and staff was integral to the success of the project and keeping the improvements on schedule and within budget.

The City of Gonzales is honored to have your firm as a valued member of our team. I would whole-heartedly recommend Hartman Engineering for consideration for future transportation projects.

Sincerely,

Jackie Baumann, P.E.
City Engineer
City of Gonzales, Louisiana

CC: Mayor Barney Arceneaux



DEPARTMENT OF THE ARMY
NEW ORLEANS DISTRICT, CORPS OF ENGINEERS
P.O. BOX 60267
NEW ORLEANS, LOUISIANA 70160-0267

REPLY TO
ATTENTION OF

February 10, 2012

Engineering Division
Control Branch

Mr. B. K. Sneed, CEO
Hartman Engineering, Inc.
527 West Esplanade Avenue, Suite 300
Kenner, LA 70065-2568

Dear Mr. Sneed:

The US Army Corps of Engineers would like to take this time to extend both our gratitude and appreciation to your firm for its contribution towards design and construction of the Greater New Orleans Hurricane and Storm Damage Risk Reduction System (HSDRRS).

On August 29, 2005, Hurricane Katrina struck South Louisiana resulting in unprecedented devastation. Since that tragic day, the US Army Corps of Engineers and our A-E partners have worked expeditiously to design and construct the HSDRRS.

Your firm's responsibility for one or more actions affiliated with design, planning, modeling, engineering during construction, environmental studies or construction management was instrumental in completing expedited design and construction of the HSDRRS.

The commitment of your firm's leadership and design team was integral to our success in delivering a world class system with functional capability for the 2011 Hurricane Season. Your dedication to quality and delivery has been evident resulting in improved public safety and risk reduction for the greater New Orleans area.

The New Orleans District is truly honored to have your firm as a valued member of our team. Please accept my sincere thanks and the enclosed certificate expressing our appreciation.

ESSAYONS!

Sincerely,

A handwritten signature in black ink, appearing to read "Walter Baummy Jr.", is positioned above the typed name.

WALTER O. BAUMMY JR., P.E.
Chief, Engineering Division

Enclosure



USACE - New Orleans District

Certificate of Appreciation

is presented to

Hartman Engineering, Inc.

For exceptional achievement in support of the Mississippi Valley Division's New Orleans District and the execution of the Hurricane and Storm Damage Risk Reduction System (HSDRRS) mission. The Hartman Engineering, Inc. contractors' professionalism, competence, and initiative were instrumental to the successful execution in surveying of multiple sites critical to the completion of both design and the construction of the HSDRRS project.

Hartman Engineering's outstanding achievement is in keeping with the finest traditions of public service and reflects great credit upon the Hartman Engineering, Inc. team, the U.S. Army Corps of Engineers, and the United States Army.

06 February 2012



**US Army Corps
of Engineers®**
New Orleans District

Edward R. Fleming
Colonel, US Army
Commander, New Orleans District
US Army Corps of Engineers



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
NEW ORLEANS DISTRICT, CORPS OF ENGINEERS
P.O. BOX 60267
NEW ORLEANS, LOUISIANA 70160-0267

August 4, 2008

Hartman Engineering, Inc.
527 West Esplanade Avenue, Suite 300
Kenner, LA 70065

Subject: Environmental Justice Support for Environmental Compliance for New Orleans Area Hurricane Protection System; St. Charles, Jefferson, Orleans, St. Bernard and Plaquemines Parishes (COE No. W912P8-07-D-0014, Task Order 5)

Gentlemen:

I would like to acknowledge Hartman Engineering, Inc.'s excellent performance on all facets of their ongoing environmental justice support to the Corps' New Orleans area hurricane protection system projects. They have been responsive and adaptive to the various changing conditions and demands of the project and public sensitivity in post-Hurricane Katrina New Orleans. HEI's products and professionalism have had a positive impact on the Corps' efforts to engage the public during this time of rebuilding.

The high profile and complex nature of this project cannot be overemphasized. HEI has done an excellent job in fulfilling the task responsibilities with care towards quality, timeliness, professionalism and public attitudes. Negotiating the myriad interactions between a multitude of public, private and community organizations was handled quite professionally by HEI. Their level of commitment to the project is commendable and I would whole-heartedly recommend HEI be considered for planning projects in the future.

Sincerely,

A handwritten signature in cursive script, reading "Joan M. Exnicios", is positioned above the printed name.

Joan M. Exnicios
Chief, Natural and Cultural
Resources Analysis Section



DIVISION OF SMALL BUSINESS SERVICES

This certification acknowledges that

Hartman Engineering, Inc.

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

This certification is valid from 6/19/2020 to 6/19/2021 .

Certification No. 13205

A handwritten signature in black ink, reading "Stephanie Hartman", is written over a horizontal line.

Stephanie Hartman,
Director, Entrepreneurial Services



Division of Small and Emerging Business Development
SEBD CERTIFICATION

Hartman Engineering, Inc.

is hereby certified as a Small and Emerging Business Enterprise.

This certification is valid beginning 6/20/2016 and supersedes any registration or listing previously issued. At any time there is a change in ownership or control of the firm, notification must be made immediately to the Division of Small and Emerging Business Development.

Issued at Baton Rouge, Louisiana 6/20/2016

This certification expires on: 6/20/2026

Certification No. 13205

A handwritten signature in black ink, reading "John W. Matthews, Jr.", written over a horizontal line.

John W. Matthews, Jr.,
Executive Director, Entrepreneurial Services



Jefferson Parish

TEC Professional Services Questionnaire

Revised Form 07/15/15

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Provide Professional Engineering Services Related to the Design for the Rehabilitation of the Transcontinental & Belle Lift Station, Resolution Number 137449

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

The Beta Group Engineering and Construction Services, LLC
1428 1/2 Claire Avenue
Gretna, LA 70053

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

Mark A. Cheek, P.E., FACI
Vice President / Technical Manager
504-227-2273
mcheek@betagroupgc.com

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

Alex Jaramillo, P.E.
Geotechnical Engineer
504-227-2273
alexj@betagroupgc.com

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

<u>7</u> Administrative	<u> </u> Estimators	<u> </u> Specification Writers
<u> </u> Architects (Licensed)	<u> </u> Geologists	<u> </u> Structural Engineers
<u> </u> Chemical Engineers	<u>1</u> Geotechnical Engineers	<u> </u> Graduate Engineers
<u>3</u> Civil Engineers	<u> </u> Interior Designers	<u>12</u> Project Managers
<u>43</u> Construction Inspectors	<u> </u> Landscape Architects	<u>3</u> Clerical
<u> </u> Ecologists	<u> </u> Land Surveyor	<u> </u> Grant/Funding Specialist
<u> </u> Electrical Engineers	<u> </u> Mechanical Engineers	<u> </u> Sanitary Engineers
<u>1</u> Engineer Intern	<u> </u> Environmental Engineers	
<u> </u> Professional Land Surveyors		<u>70</u> TOTAL

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

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

TEC Professional Services Questionnaire

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

1.

2.

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

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

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

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

70 _____

TEC Professional Services Questionnaire

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

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Mark A. Cheek, P.E. FACI
Vice President / Technical Manager

Project Assignment:

Project Manager

Name of Firm with which associated:

The Beta Group Engineering and Construction Services

Years' experience with this Firm:

22 Years with Beta, 30 Years Total Experience

Education: Degree(s)/Year/Specialization:

B.S./1993/Civil Engineering
MS-Level Coursework since 1995

Active registration: Year first registered/discipline:

1999, Civil Engineering, Louisiana No. 28531
1999, Civil Engineering, Mississippi No. 14491

Other experience and qualifications relevant to the proposed Project:

As technical manager of Beta, Mr. Cheek 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.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Alex Jaramillo, P.E. Geotechnical Engineer
Project Assignment:
Geotechnical Engineer
Name of Firm with which associated:
The Beta Group Engineering and Construction Services
Years' experience with this Firm:
10 Years w/ Beta, 25 Total Years Experience
Education: Degree(s)/Year/Specialization:
B.S./1999/Civil Engineering
Active registration: Year first registered/discipline:
2011, Civil Engineer, Louisiana No. 36324
Other experience and qualifications relevant to the proposed Project:
Mr. Jaramillo is responsible for: All geotechnical activities including performing subsoil explorations, completion of soils laboratory testing, geotechnical analyses for projects and completion of the geotechnical report; Preparation, presentation and management of scope, budget, and work plan; Review daily field inspection reports for accuracy and completeness; Monitor the soil laboratory activities; Coordinate logistics; 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; Prepare and review technical reports and ensure on-time delivery.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Murray White President
Project Assignment:
Quality Assurance
Name of Firm with which associated:
The Beta Group Engineering and Construction Services, LLC
Years' experience with this Firm:
24 Years w/ Beta, 26 Total Years Experience
Education: Degree(s)/Year/Specialization:
1994-1995, Coursework, Nicholls State University 1991-1994, Coursework, University of Mississippi
Active registration: Year first registered/discipline:
N/A
Other experience and qualifications relevant to the proposed Project:
Mr. White has served as President of Beta since 1999. In his years with the firm, he established and maintained an appropriate quality assurance program at various levels of the organization. He has performed all required inspections and tests to maintain quality control and assure compliance to specifications, codes, and standards on multiple projects. Further, Mr. White established and maintained equipment calibration procedures and records, and provided detailed inspection procedures for various projects. In his career, Mr. White served as a Field Technician with another firm. He performed all necessary inspections and tests required to maintain quality control and assure adherence to project specifications, codes, and standards. He also dispatched inspectors to requested project sites to perform numerous tasks for contractors.

TEC Professional Services Questionnaire

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

PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Sewer Line Installation and Lift Station #5 Rehabilitation Ferrara Dr. at Cressione Dr. Harahan, LA</p> <p>Meyer Engineers, Ltd. Jitendra Shah, P.E. 504-885-9892</p>	Beta provided geotechnical services relating to subsurface explorations, soils laboratory testing and geotechnical engineering analysis.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
November 2019	N/A	\$3,500 (fee)

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Lift Station N-13-6 2720 Destrehan Ave. (East Side) Marrero, LA</p> <p>Principal Engineering, Inc. Brice Greco, P.E. 985-624-5001</p>	Beta provided geotechnical services relating to subsurface explorations, soils laboratory testing and geotechnical engineering analysis.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
September 2019	N/A	\$4,000 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
Lift Station Farmsite Road and Torres Drive Violet, LA H. Davis Cole & Associates LLC Andre Romero Ford, E.I. 504-836-2020	Beta provided geotechnical services relating to subsurface explorations, soils laboratory testing and geotechnical engineering analysis.	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
June 2019	N/A	\$4,000 (fee)

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Lift Station Improvements Station 510, Station 511, Station 452, Station 241, Station 321, Station 508, Station 202 Slidell, LA City of Slidell Blaine Clancy, P.E. 985-646-4270	Beta provided geotechnical services relating to subsurface explorations, soils laboratory testing and geotechnical engineering analysis.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
May 2019	N/A	\$24,500 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Sewer Lift Station (P-14-8) Southern Oaks Dr. & Manhattan Blvd. (West Canal Bank) Harvey, LA AIMS Group, Inc. Harry DeLeo, P.E. 504-887-7045	Beta provided geotechnical services relating to subsurface explorations, soils laboratory testing and geotechnical engineering analysis.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
August 2018	N/A	\$4,800 (fee)

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Sewer Lift Station (SLS-11-1) Saddler Rd. and West Bank Expressway Marrero, LA RCL Consultants Frank Zemmer, P.E. 985-727-4440	Beta provided geotechnical services relating to subsurface explorations, soils laboratory testing and geotechnical engineering analysis.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
May 2018	N/A	\$4,800 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Lift Station Wright Avenue and Ruby Street Gretna, LA GreenPoint Engineering Amer Tufail, P.E. 504-708-2020	Beta provided geotechnical services relating to subsurface explorations, soils laboratory testing and geotechnical engineering analysis.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
March 2018	N/A	\$4,000 (fee)

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Sewer Lift Station Patriot St. and MacArthur Blvd Marrero BLD Services Dustin Richards, P.E. 504-466-1344	Beta provided geotechnical services relating to subsurface explorations, soils laboratory testing and geotechnical engineering analysis.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
December 2017	N/A	\$4,500 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Sewer Lift Station Improvements St. Joseph Street Slidell, LA Digital Engineering Christina Shurley, P.E. 228-463-0130	Beta provided geotechnical services relating to subsurface explorations, soils laboratory testing and geotechnical engineering analysis.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
December 2017	N/A	\$2,900 (fee)

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Lift Station Middle Road at Teche Road Morgan City, LA Providence Engineering Bryan Breaud, P.E. 985-876-6380	Beta provided geotechnical services relating to subsurface explorations, soils laboratory testing and geotechnical engineering analysis.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
October 2017	N/A	\$4,200 (fee)

TEC Professional Services Questionnaire

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


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

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

The Beta Group is a Gretna-based full-service geotechnical services and construction materials testing laboratory. The Beta Group has provided construction materials testing and inspection on over 3,500 projects since 1997; key personnel have a combined 80 years of experience in construction materials testing. The firm is fully licensed to provide engineering services in the State of Louisiana. Our technicians are capable of performing the following services:

Geotechnical Services. Beta provides a full range of geotechnical services relating to subsurface explorations, soils laboratory testing and geotechnical engineering analyses. Our engineering staff includes Louisiana-registered professional engineers and has extensive experience in a wide range of projects that include buildings, drainage structures, roads, etc. Our geotechnical experience includes shallow foundations including settlement analyses, deep foundation systems including driven piles, drilled shafts and auger cast piles, pavement design including rigid and flexible pavements, full scale pile load testing and construction inspections. Our soils laboratory offers a variety of geotechnical testing such as moisture contents, Atterberg limits, unconfined compression tests, sieve analyses, specific gravities, organic contents, etc.

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

Signature:  Print Name: Murray White
 Title: President Date: May 10, 2021

Louisiana Professional Engineering and Land Surveying Board

Hereby Certifies that

The Beta Group Engineering & Construction Services, LLC
*has complied with the regulation of this Board and is authorized
to provide or to offer to provide engineering services in the State of
Louisiana contingent upon payment of the annual renewal fee.*

Baton Rouge, Louisiana · 06/09/2011



License Number 4838

John M. Miller
Jenna E. Bawri Chairman
Secretary



Mayor LaToya Cantrell
City of New Orleans

New Orleans Aviation Board

Hon. Michael G. Bagneris
Chairman

Doug Thornton
Vice-Chairman

Todd Francis
Ruth Kullman
Ti Adelaide Martin
Joseph Nicolosi, Jr.
Roger H. Ogden
Gary L. Smith, Sr.

Kevin C. Dolliole
Director of Aviation

P. O. Box 20007
New Orleans, LA 70141

P: 504-303-7800
F: 504-303-7566

www.flymsy.com

January 13, 2020

Mr. Murray White
The Beta Group Engineering & Construction Services, L.L.C.
1428 1/2 Claire Street
Gretna, LA 70053-

Re: 2020 Annual Update

Dear Mr. White:

Thank you for having responded to our request for your 2020 annual update to maintain your Disadvantaged Business Enterprise (DBE) certification. We have reviewed your Affidavit of No Change, along with the supporting documents, and have determined that your firm continues to meet the DBE guidelines in 49 CFR Part 26. Thus, your firm is certified to fulfill DBE requirements on specified NOAB contracts until your next anniversary date (i.e. *March 31, 2021*).

Service(s):

CONSTRUCTION CONTRACTORS
PROFESSIONAL SERVICES

Area(s) of Work:

541380 - Testing
Laboratories
722 - Field
Laboratories

C01 - Geotechnical
Engineering
CLT - Concrete Labs
and Field Testing

Sincerely,

Philistine Ferrand
DBE Liaison Officer
philisti@flymsy.com - 504.303.7610 - 504.303.7614 fax

PF/SF

STATE & LOCAL DISADVANTAGED BUSINESS ENTERPRISE PROGRAM

1340 Poydras Street, Suite 1800 | New Orleans, LA 70112



December 15, 2020

VIA EMAIL

Murray White
The Beta Group Engineering & Construction Services, L.L.C.
1428 1 ½ Claire Avenue
Gretna, LA 70053
mwhite@betagroupec.com

RE: SLDBE Re-certification Approval

Dear Murray White:

We are pleased to inform you that **The Beta Group Engineering & Construction Services, L.L.C.** has been approved for recertification as a State & Local Disadvantaged Business Enterprise (SLDBE). This approval represents certification with: City of New Orleans, Sewerage & Water Board of New Orleans, Louis Armstrong New Orleans International Airport and Harrah's New Orleans Casino & Hotel.

Your firm's contact information will be active on the online SLDBE Directory (<http://www.nola.gov/economicdevelopment/supplier-diversity/directory/>). It will reflect your areas of certification. Your specialties will be listed as:

CERTIFICATION DESCRIPTION: CONSTRUCTION MATERIALS TESTING; GEOTECHNICAL ENGINEERING; FORENSIC ENGINEERING; CIVIL ENGINEERING; SURVEYING SERVICES

NAICS 236220: PROJECT MANAGEMENT
NAICS 541330: CIVIL ENGINEERING SERVICES
NAICS 541330: ENGINEERING SERVICES
NAICS 541360: GEOPHYSICAL SURVEYING AND MAPPING SERVICES
NAICS 541370: SURVEYING AND MAPPING (EXCEPT GEOPHYSICAL) SERVICES
NAICS 541380: GEOTECHNICAL TESTING LABORATORIES OR SERVICES

A re-certification notice will be emailed to you prior to your renewal anniversary date. **However, should you not receive notification from this office for your re-certification, it is your responsibility to contact us.** Submittal of this information is necessary to ensure that there is no interruption in your certified status during your certification period. If a re-certification application is not received, we will proceed with decertification procedures.

We invite you to view City of New Orleans, Sewerage & Water Board of New Orleans, Louis Armstrong New Orleans International Airport and Harrah's New Orleans Casino & Hotel websites for SLDBE opportunities.

If we can be of further assistance, you may contact us at 504-658-4275 or via e-mail at saoliva@nola.gov.

Sincerely,

Sonia Oliva

Certification Coordinator

Office of Supplier Diversity | City of New Orleans
1340 Poydras Street | Suite 1800 | New Orleans, LA 70112



CERTIFICATE OF APPRECIATION

FOR

SUPPORT OF TASK FORCE GUARDIAN

AWARDED TO

Beta Testing and Inspection LLC

in recognition of the outstanding contributions your company provided in support of Task Force Guardian and the U.S. Army Corps of Engineers in the rebuilding of the Hurricane Protection System of southeast Louisiana. The efforts of your company were integral to meeting the Corps' goal of restoring protection by the June 1 start of hurricane season. The willingness of your employees to work long hours under difficult conditions is a tribute to the professionalism of your company and demonstrates your commitment to rebuilding southeast Louisiana.



**US Army Corps
of Engineers**
New Orleans District

LEWIS F. SETLIFF III
COLONEL, U.S. ARMY
COMMANDER, TASK FORCE GUARDIAN



**BRYANT HAMMETT
& ASSOCIATES, LLC**
CIVIL ENGINEERING & LAND SURVEYING

QUALIFICATIONS



Jefferson Parish

TEC Professional Services Questionnaire

Revised Form 07/15/15

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Professional Engineering Services related to the design or the Rehabilitation of the Transcontinental) and Belle Lift Station (E8-1); Resolution 137449

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

Bryant Hammett & Associates, LLC
1104 Dealers Avenue; Suite A
Harahan, LA 70132

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

Bryant O. Hammett, Jr. PE/PLS
Owner/Manager
504-733-8004
bhammett@bha-engineers.com

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

Hugh 'Bud' McCurdy, III
PLS
504-391-2835
hmccurdy@bha-engineers.com

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

<u>3</u> Administrative	<u> </u> Estimators	<u> </u> Specification Writers
<u> </u> Architects (Licensed)	<u>1</u> Geologists	<u> </u> Structural Engineers
<u> </u> Chemical Engineers	<u> </u> Geotechnical Engineers	<u> </u> Graduate Engineers
<u>1</u> Civil Engineers	<u> </u> Interior Designers	<u>2</u> Project Managers
<u>4</u> Construction Inspectors	<u> </u> Landscape Architects	<u>2</u> Clerical
<u> </u> Ecologists	<u>6</u> Land Surveyor	<u> </u> Grant/Funding Specialist
<u> </u> Electrical Engineers	<u> </u> Mechanical Engineers	<u> </u> Sanitary Engineers
<u> </u> Engineer Intern	<u> </u> Environmental Engineers	<u>7</u> Other
<u>2</u> Professional Land Surveyors		28 TOTAL

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

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

TEC Professional Services Questionnaire

G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary.		
1. NA		
2. NA		
H. Has this JOINT-VENTURE previously worked together? Please check: YES <input type="checkbox"/> NO <input type="checkbox"/>		
I. List all subcontractors anticipated for this Project. Please note that <u>all subcontractors must submit a fully completed copy of this questionnaire</u>, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.		
Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. NA		
2.		
3.		
J. Please specify the total number of support personnel that may assist in the completion of this Project: <div style="font-size: 24pt; margin-top: 10px;">12</div>		

TEC Professional Services Questionnaire

K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e. resume) that demonstrates the employment history and experience of the Firm's key persons that may assist in the completion of this Project. Please attach additional pages if necessary.
PROFESSIONAL IN CHARGE OF PROJECT:
Name & Title:
Bryant O. Hammett, Jr. PE/PLS Owner/Manager
Project Assignment:
Principal of firm. Project Administrator who is a registered professional engineer/surveyor in LA
Name of Firm with which associated:
Bryant Hammett & Associates, LLC
Years' experience with this Firm:
37
Education: Degree(s)/Year/Specialization:
BSCE/1978/Civil Engineering
Active registration: Year first registered/discipline:
1983/Civil Engineering, LA 1985/Surveyor, LA 1985/Civil Engineering, MS 1996/Environmental Engineering, LA
Other experience and qualifications relevant to the proposed Project:
<p>Bryant Hammett, Jr., PE/PLS, has been the sole proprietor of Bryant Hammett & Associates, L.L.C., since 1984. He is a registered Civil and Environmental Engineer and Professional Land Surveyor in Louisiana and is also registered to practice Civil Engineering in the State of Mississippi.</p> <p>Hammett has been the engineer and surveyor of record for numerous types of projects including: wastewater collection and treatment; water treatment, transmission and distribution; natural gas distribution and transmission; electrical transmission; oil transmission; off-system bridges; levee systems; construction servitudes; and roadway and drainage.</p> <p>As infrastructure manager for the Louisiana Office of Community Development's Disaster Recovery Unit, Hammett performed and oversaw professional civil, structural and/or transportation engineering work related to the planning, design, development, construction and maintenance of projects funded under the Louisiana Community Development Block Grant/Disaster Recovery Programs. Such projects included capital improvements, storm water and drainage systems, wastewater systems, potable water systems, natural gas systems, fire protection systems, roads, bridges and utility systems. He managed complex engineering programs; provided professional assistance and technical advice to state and local officials; coordinated project development and implementation with contractors, other departments and other agencies; administered professional services contracts; evaluated requests for changes and/or additional work; directed the work of subordinate professional staff; and performed related work as required. Hammett oversaw the development of programs to rebuild schools damaged by Hurricane Katrina ineligible for FEMA assistance. He oversaw disbursements of more than \$178 million for infrastructure projects in the state related to Hurricanes Katrina and Rita.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Hugh 'Bud' McCurdy, III, PLS Professional Land Surveyor
Project Assignment:
Project Surveyor
Name of Firm with which associated:
Bryant Hammett & Associates, LLC
Years' experience with this Firm:
5
Education: Degree(s)/Year/Specialization:
non-degreed
Active registration: Year first registered/discipline:
1991/Professional Land Surveyor, LA
Other experience and qualifications relevant to the proposed Project:
<p>Hugh 'Bud' McCurdy, III is a registered land surveyor in Louisiana with over 40 years' experience in land surveying, beginning his career as a rodman in 1973. McCurdy has worked with numerous engineering firms throughout Louisiana as a Professional Land Surveyor.</p> <p>He is involved in all aspects of boundary/property surveys for real estate transfer and the surveying required for engineering, rights-of-way acquisition, and construction projects, and is responsible for courthouse research and coordination of work. McCurdy has provided surveying services for oyster leases; pre- and post-dredging; construction projects, pipelines, accident sites, and boundary establishment. He is responsible for supervision of all field crew activities, drafting, property descriptions, plats, and all surveying-related operations.</p> <p>Mr. McCurdy has extensive experience in all aspects of surveying, including but not limited to property boundary surveys for real estate transfer; subdivision and re-subdivision of properties; topographic and hydrographic survey for engineering and construction; subdivision development including drainage, sewer, and roadway surveying, and preparation of legal descriptions for attorneys. He is registered with the Courts in Orleans, Jefferson, St. Tammany and Plaquemines Parishes.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Jeff Carey Survey Technician	
Project Assignment:	
Survey Technician, Crew Chief	
Name of Firm with which associated:	
Bryant Hammett & Associates, LLC	
Years' experience with this Firm:	
9	
Education: Degree(s)/Year/Specialization:	
BS/2009/Disaster Management	
Active registration: Year first registered/discipline:	
<div style="display: flex; justify-content: space-between;"> <div> 2010/ASFPM Certified Floodplain Manager US-10-05305 2010/ EMI-273 Managing Floodplain Development through NFIP 2012/Certified Construction Inspector, National Stormwater Center 2018/ATSSA Traffic Control Supervisor, Technician, Flagger </div> <div> 2012/Contractors License: Residential Construction 2012/ FEMA Substantial Damage Estimator (SDE) 1.1 2019/Floodplains and FEMA/NFIP Workshop </div> </div>	
Other experience and qualifications relevant to the proposed Project:	
<p>As a land surveyor for BHA, Mr. Carey manages all field work for the South Louisiana survey crews, including scheduling, budgeting, overseeing field procedures and final checking of data. He oversees the activities of multiple survey crews; conducts courthouse research and performs field calculations.</p> <p>Mr. Carey manages field work, collects data in the field and performs field-checking duties at project completion. He manages boundary and topographic surveys and all surveying activity required for civil infrastructure engineering, right-of-way and construction projects. He is involved in all aspects of land surveying projects, including legal descriptions and elevation certificates.</p> <p>Carey aids in the plot plan production for HMA programs, serves as liaison with clients, and performs elevation certificates in south LA.</p>	

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Paul Schiele CADD Technician
Project Assignment:
Draftsman
Name of Firm with which associated:
Bryant Hammett & Associates, LLC
Years' experience with this Firm:
13
Education: Degree(s)/Year/Specialization:
B. Arch/2008/Architecture
Active registration: Year first registered/discipline:
NA
Other experience and qualifications relevant to the proposed Project:
<p>Paul Shiele provides computer-aided drafting and design for all survey projects, including: drainage projects; state highway, road, and bridge projects; levee surveys; hydrographic and topographic surveys; rights-of-ways maps; accident investigation layouts; crime scene layouts; and survey plats.</p> <p>Schiele is trained in use of AutoCAD, Intellicad, Civil 3D, and Carlson computer drafting software. Mr. Schiele has served as a civil draftsman and CADD technician at BHA since graduating college in 2008. He prepares topographic drawings and maps used in major construction projects such as highways, buildings, bridges, pipelines, flood control structures, roadways, and water and sewerage systems. He provides right-of-way plats, topographic drawings (including horizontal and vertical control) and design services. Has been involved in the computer drafting of several subdivisions, sanitary sewer systems and street and drainage projects for the private sector.</p> <p>Mr. Schiele has significant experience in drafting required for drainage and flood control projects, as well as experience in drafting required for coastal restoration and creation projects</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Matthew Schirling Crew Chief
Project Assignment:
Field Crew Chief
Name of Firm with which associated:
Bryant Hammett & Associates, LLC
Years' experience with this Firm:
6
Education: Degree(s)/Year/Specialization:
non-degreed
Active registration: Year first registered/discipline:
2018/ATSSA Certified Technician Supervisor, Technician, Flagger 2014/Delgado Community College AutoCAD certification
Other experience and qualifications relevant to the proposed Project:
<p>Matt Schirling is a Field Survey Crew with 14 years of experience in land surveying. He has field experience in all aspects of land surveying, including boundary, topographic, and right-of-way, as well as an extensive background in CADD techniques. Mr. Schirling has substantial experience in boundary, utility, heavy civil, and residential contraction surveying.</p> <p>Mr. Schirling is responsible for the day-to-day operations of the field crews, the collection and delivery of accurate field data, the interpretation of data using AutoCAD, and field calculations. He maintains and calibrates all survey instruments, and reviews field notes for accuracy.</p>

TEC Professional Services Questionnaire

L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.		
PROJECT NO. 1		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Jonathan Davis Consolidation Force Main Project Jefferson Parish, LA Brett Todd 1221 Elmwood Blvd. Ste 803 Jefferson, LA 70123	BHA performed a hydrographic, magnetometer, boundary, and utility survey for the rehabilitation and extension of a force main in Jefferson Parish, as well as all professional services required to obtain all permits required for the Jonathan Davis Force Main construction, as well as determining ownership of parcels where force main will cross Bayou Barataria and obtaining all permits required for the project (coastal use, DOTD, Sections 10, 408, 404, and pipeline crossing permits). BHA is currently providing resident inspection during the construction phase.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Dec 2021 (e)	unknown	\$225,000

PROJECT NO. 2		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Lift Station F8-5 Cleary and West Esplanade Replacement Jefferson Parish, LA Brett Todd 1221 Elmwood Blvd. Ste 803 Jefferson, LA 70123	BHA performed a topographic, utility, and cross section survey for the replacement of a lift station site located along West Esplanade Ave. between Cleary Ave. and Richland Ave. in Metairie, Louisiana. Cross sections were taken across the roadways, extending to the centerline of the adjacent drainage canal. The apparent right-of-way of the roadways were established, and all topographic features were collected.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
April 2019	unknown	\$7,460

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
5th and 9th Street Lift Station Upgrades (M-11-1) Jefferson Parish Sewer Department/Capital Projects Reda Youssef 1221 Elmwood Park Blvd, Suite 906 Jefferson, LA 70123	BHA provided engineering and construction inspection services for the design of an upgrade to a sewer lift station in Jefferson Parish, including locating all utilities, final design, preparing necessary permits, final cost estimates, coordination with utility owners.	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
June 2020	\$1MM	~\$60,000

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Ridgelake Drive Drainage Improvements Jefferson Parish Jefferson Parish Capital Projects Department 1221 Elmwood Park Blvd Harahan, LA 70123	BHA performed a topographic survey of Ridgelake Drive in Jefferson Parish to aid in future drainage improvements to the area. BHA established control points and TBMs; collected topographic features such as roadway centerline, roadway edges, fences, light standards, traffic control devices, signage, structures, curbs, inlets, vegetation, driveways, utility poles, water's edge, canal top of bank, bridges and manhole tops; collected cross section data; and collected elevation invert data for utilities.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
May 2019	unknown	\$19,700

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Marrero Wastewater Treatment Plant Headworks Building Jefferson Parish Jefferson Parish Dept. of Engineering Mark Drewes 1221 Elmwood Park Blvd Harahan, LA 70123	BHA performed a complete topographic, utility, and cross section survey for the Marrero Wastewater Treatment Plant, including locating all existing paving, structures, trees, shrubs, limits of grassed areas, fencing and all other surface features within the limits of the survey; locating all buried pipelines and connections for Gas, Sanitary Sewer, Water, Drainage, Telephone, Electrical etc. based on the information provided and as located by plant personnel; locating all sewer manholes and provide top of casting elevation, bottom of manhole elevation, and the size, direction and invert elevation of all piping connected to each sewer manhole.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
December 2017	unknown	\$11,575

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Wright Avenue Force Main Replacement Jefferson Parish Reda Youssef 1221 Elmwood Park Blvd, Suite 906 Jefferson, LA 70123	BHA performed a topographic survey in support of a force main replacement project. For approximately 2.5 miles, BHA established control points; collected topographic features such as culverts, pavements, inlets, trees, water's edge, fences, driveways, etc; collected cross section data every 100 feet and random ground shots to identify ground slopes; collected visible utility features and invert/pipe data. More detail was needed at eight areas involving canals, existing utilities, force mains, roadways, apparent encroachment, and elevation data was collected on a 20-foot grid	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
March 2018	unknown	\$75,016

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Grafton Dr. (PS 312), Breckenridge (PS 252), LaQuinta Inn/Cracker Barrel (PS 202) Sewer Lift Station Upgrades St. Tammany Parish, LA City of Slidell Engineer Blaine Clancy (985) 646-4270	BHA performed a topographic and boundary survey for the upgrade of three sewer pump station sites in Slidell, LA. The surveys obtained topographic, utility and elevation data for each site, as well as property corner information, parcel and boundary data	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
April 2019	unknown	\$23,850

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Roadway Drainage Improvements Ascension Parish Ascension Parish Government, Ron Savoy 615 E. Worthey St. Gonzales, LA 70737 (225) 450-1200	BHA provided the engineering design, including construction drawings, technical specifications, and contract documents, as well as the survey of existing conditions and the construction observation for drainage improvements along Savoy Road, Penny Street, She Lee Drive, and Riverside Estates in Ascension Parish.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
June 2019	\$120,000	\$69,500

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Belair Pumping Station Project Plaquemines Parish, LA Ken Dugas, City Engineer Plaquemines Parish Gov't Belle Chasse, LA	Plaquemines Parish requires a survey of the newly constructed pumping station in order to determine the location of existing servitudes and any encroachments onto adjacent property owners. BHA re-staked the property lines; located all topographic and utility features of the new pumping station; and prepared a boundary survey showing existing servitudes, property lines and the footprint of the old pumping station.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
September 2017	unknown	\$3500

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Jefferson Parish 2015, 2016, 2017, 2018, 2019 Hazard Mitigation Assistance Grant Funding Construction Supervision Services Jefferson Parish Floodplain Department 1221 Elmwood Park; Ste 801 Jefferson, LA 70123	Supervision and documentation for each home in the elevation or reconstruction grant; management of elevation or reconstruction on each site; audit functions; and oversight and administration of properties	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
April 2023 (e)	\$74.3MM	\$4.0MM (e)

TEC Professional Services Questionnaire

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

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1.	NA, BHA has no prior or on-going litigation with Jefferson Parish	
2.		
3.		
4.		

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

Bryant Hammett & Associates, LLC (BHA) is a Louisiana-based Limited Liability Corporation multi-disciplinary consulting land surveying, civil engineer, and disaster response consulting firm that provides services for various governmental and private concerns. BHA has been in business for over thirty years, since August 1, 1984. We have grown from a small four-member firm to operate offices in Plaquemines, Jefferson, East Baton Rouge, and Concordia parishes. All of our technical personnel have experience in the engineering and land surveying fields.

BHA is comprised of highly qualified, experienced and licensed engineers, surveyors, technicians, cost estimators, GIS managers, certified floodplain managers, administrators, disaster recovery subject matter experts, inspectors, CADD operators and clerical support. Our central locations allow us to work easily throughout Louisiana and in neighboring states.

HISTORY Bryant Hammett, PE/PLS, founded BHA in 1984. The firm began by primarily serving small, local municipalities. The team at BHA worked, and continues to work, with these clients in coordinating, permitting, identifying and addressing problems, assisting with rate structures and securing funding sources through grants and bonds. Our executive management team has been working together since 1984 and has achieved a wealth of knowledge of engineering, surveying and the governmental permitting and funding processes.

BHA is a HUBZone business certified by the U.S. Small Business Administration and is certified under the Small Entrepreneurship Program as a Hudson Initiative Certified Firm by the Louisiana Department of Economic Development.

SURVEYING

Bryant Hammett & Associates has been providing land surveying services in Louisiana for over 35 years. BHA surveyors have over 40 years of professional experience in the field. BHA offers a wide range of surveying services:

TEC Professional Services Questionnaire

The firm is a full-service land surveying firm offering a wide range of surveying services, including:
boundary and control surveys • ALTA surveys • hydrographic surveys • topographic surveys • right-of-way determination • control for photogrammetric surveys and aerial photography • establishing benchmarks • accident site surveys • wetlands delineation • construction surveys/construction layout • utility layout • pipeline surveys • elevation certificates • subdivision design and layout

Our CADD technicians have over 30 years of combined experience in producing 3D planimetric drawings, topographic and contour maps, right-of-way maps, boundary plats, cross section diagrams and field data points; BHA utilizes AutoCAD, Civil 3D, and Intellicad drafting software and DeLorme mapping software to meet the deliverable format required by any client.

Other Professional Services Provided

Civil Engineering

Construction

Management Cost

Estimating

Construction Supervision for Hazard Mitigation Grant Programs Disaster Management

CDBG Experience

Memberships:

National Society of Professional Surveyors (NSPS)

National Society of Professional Engineers (NSPE)

Louisiana Society of Professional Surveyors (LSPS)

Association of State Floodplain Managers (ASFPM)

Center for GeoInformatics,

Louisiana State University American Council of Engineering Companies (ACEC)

American Society of Civil Engineers (ASCE)

Associated General Contractors (AGC)

Council of Professional Surveyors (COPS)

Locations:

1104 Dealers Ave., Suite A Harahan, LA 70123

830 North Street, Suite B Baton Rouge, LA 70802

6885 Highway 84 West Ferriday, LA 71334

8637 Hwy 23; Suite C Belle Chasse, LA 70037

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

Signature:  **Print Name:** Bryant O. Hammett, Jr.

Title: Owner/Manager **Date:** 05/13/2021



Marrero, Couvillon & Associates, LLC

Baton Rouge • Metairie



Jefferson Parish

TEC Professional Services Questionnaire

Revised Form 07/15/15

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Rehabilitation of the Transcontinental & Belle Lift Station
Resolution No. 137449

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

Marrero, Couvillon & Associates, LLC.
3525 Hessmer Ave., Suite 304
Metairie, LA 70002

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

Greg DeCoursey, AIA
Vice President
Project Manager/Architect
(504) 834-3448
gdecoursey@mca-llc.com

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

Greg DeCoursey, AIA
Vice President
Project Manager/Architect
(504) 834-3448
gdecoursey@mca-llc.com

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

<u>3</u> Administrative	<u> </u> Estimators	<u> </u> Specification Writers
<u>1</u> Architects (Licensed)	<u> </u> Geologists	<u>1</u> Structural Engineers
<u> </u> Chemical Engineers	<u> </u> Geotechnical Engineers	<u> </u> Graduate Engineers
<u> </u> Civil Engineers	<u> </u> Interior Designers	<u>1</u> Project Managers
<u> </u> Construction Inspectors	<u> </u> Landscape Architects	<u> </u> Clerical
<u> </u> Ecologists	<u> </u> Land Surveyor	<u> </u> Grant/Funding Specialist
<u>4</u> Electrical Engineers	<u>4</u> Mechanical Engineers	<u> </u> Sanitary Engineers
<u> </u> Engineer Intern	<u> </u> Environmental Engineers	<u>2</u> Designers
<u> </u> Professional Land Surveyors	<u>1</u> CADD Operators	<u>1</u> Fire Protection Engineer
		<u>18</u> TOTAL

F. Is this submittal by a JOINT-VENTURE? Please check: YES_ | NO_ x |

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

TEC Professional Services Questionnaire

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

1.

2.

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

YES ☐ NO

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

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

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

4

TEC Professional Services Questionnaire

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

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Gregory A. DeCoursey, AIA
Vice President, Project Manager

Project Assignment:

Project Manager

Name of Firm with which associated:

Marrero, Couvillon & Associates, LLC.

Years' experience with this Firm:

25

Education: Degree(s)/Year/Specialization:

B Arch / 1977 / Architecture M Arch/1982/Architecture

Active registration: Year first registered/discipline:

1980 / Architectural

Other experience and qualifications relevant to the proposed Project:

Mr. DeCoursey has served as Project Manager for Engineering Projects for the Louisiana Department of Transportation and Development and for other Public Works and Private Sector Commercial projects. A list of a few projects that Mr. DeCoursey is serving, or has served, as Project Manager on include:

- **Louis Armstrong New Orleans International Airport – New Terminal Design, Kenner, LA** – Mechanical, Electrical, Plumbing, and Fire Protection design for a new terminal that replaced the existing 60 year old Passenger Terminal Building. This project also included design services for related projects to relocate the existing Airfield Lighting Vault, and three radar stations.
- **U.S. 11 Bridge Over Lake Pontchartrain Rehabilitation - Orleans Parish** - Architectural and mechanical design for rehabilitation of two Operator's Houses at an existing bridge over Lake Pontchartrain. Work is being done as part of a larger bridge rehabilitation project. Design is sensitive to the historic nature of the bridge and Operator's Houses.
- **Gallier Hall, New Orleans, Louisiana** - MCA provided mechanical and electrical design services for recently completed updates to New Orleans' former City Hall. The main focus of MCA's scope for the project was replacement of most components of the building's HVAC systems.
- **Coroner Office Complex – New Building, New Orleans, Louisiana** - Design of the electrical systems, HVAC systems, plumbing systems, fire suppression systems for a two building facility which provides new quarters for the Coroner and EMS operations in the City of New Orleans. In the design of these facilities, it was necessary to accommodate the very rigorous needs of the specialized operations and equipment of the end users.
- **Festival Field, New Orleans, Louisiana** - City Park in New Orleans hosts several music festivals annually, including the large and popular Voodoo Fest. In addition to outgrowing their locations, these festivals required installation of temporary facilities for every event. The management of City Park decided to create a new, permanent location for festivals within the park, with new permanent infrastructure. This area also includes a soccer field, walking/running paths and a large pavilion for social gatherings. The design included a solar power installation on the pavilion, a rainwater harvesting system, and bio-swale wetland planting areas. MCA provided mechanical and electrical design for this project.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Robert Mejia, P.E. Sr. Electrical & Instrumentation Engineer
Project Assignment:
Sr. Electrical & Instrumentation Engineer
Name of Firm with which associated:
Marrero, Couvillon & Associates, LLC.
Years' experience with this Firm:
5
Education: Degree(s)/Year/Specialization:
Bachelor of Science/1987/Electrical Engineering
Active registration: Year first registered/discipline:
1993 / Electrical/Control Systems
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Mejia has over 32 years' experience with instrumentation, control systems, Safety Instrumented Systems (SIS) and SCADA equipment. He works closely with process specialists to categorize and design control systems to comply with current industry requirements as well as client specific requirements. He applies existing client specifications for control systems/SCADA and helps develop specifications when these do not exist. He is proficient with application of design practices promulgated by standards organizations such as ISA, NFPA, API, TIA/EIA and IEEE. Some of his recent experience includes:</p> <ul style="list-style-type: none"> • Jefferson Parish Public Works - Bayou Segnette Pump Station Upgrade, Westwego LA - Replace 6 diesel pump driver units. Interface skid mounted diesel engine controllers and gearbox instrumentation with existing Murphy Panels and Parish SCADA system. • St. Mary Government- Amelia Pump Station 2 and 2A, St. Mary Parish, LA – Installation of a 48" pump that will replace an existing 20" pump at the pumping station, a new pump house and associated power. Installation of new alternator control system to link new pump with existing 48" pump and stage/alternate operation of both pumps based on water level and operating sequence. • Cyprien Pumping Station Improvements, Lafourche Parish, LA – MCA provided the electrical engineering services for a pump station structure with three 48" axial flow pumps and a separate fuel tank structure. The existing pump station was removed in its entirety prior to construction of the new pump station. • Sewage and Water Board – EWWTP Effluent Pump Station Expansion, New Orleans, LA – MCA is providing electrical and instrumentation engineering for a new priming system at the effluent outfall, lowering the EPS system curve and its energy grade line and a new 1,000-hp pump at the EPS, similar in configuration and capacity to the two existing 1,000-hp pumps. MCA will also be providing electrical and instrumentation engineering for the modifications of the EPS pump discharge header to accommodate the new pump(s) and to allow improve the flow of the parallel effluent force mains. • City of New Orleans –Mirabeau Water Garden - A 25 acre site at Mirabeau Ave. and St. Bernard Ave. is being developed into a 9.5MM gallon surge stormwater retention site as part of the comprehensive New Orleans Water Plan. The facility will include a lift station building, water runnel feature, area lighting and plans for future buildings used for educational and assembly purposes. MCA is handling the Mechanical, Electrical and Plumbing design.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
John Hamm, P.E. Sr. Electrical Engineer
Project Assignment:
Sr. Electrical Engineer
Name of Firm with which associated:
Marrero, Couvillon & Associates, LLC.
Years' experience with this Firm:
8
Education: Degree(s)/Year/Specialization:
Bachelor of Science / 1981 / Electrical Engineering
Active registration: Year first registered/discipline:
2004 / Electrical
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Hamm has over 38 years' experience in electrical engineering, design and construction assistance. His experience includes electrical distribution systems, medium voltage switchgear and breakers, transformers, 480-volt motor control centers, variable frequency drives, automatic transfer switches, uninterruptible power supplies, emergency generators, area classification evaluation, instrument specifying, PLC specifying, lighting design and commercial designs including lighting, communication, fire alarm and special system design. Project Experience Includes:</p> <ul style="list-style-type: none"> • Ascension Parish Pump Station – New Sewage Pump Stations - MCA was engaged in designing the electrical power, controls designs, and standby generator size for the pump load at each site. • East Baton Rouge City/Parish – Sanitary Overflow Program - Multiple Pump Stations – Highland Road – Kenilworth Pkwy. – Replacing 13 pump stations to alleviate SSO's at and near the pump stations and in the respective upstream basins. This will also provide capacity to handle predicted future peak wet weather flows. • Storm Drain Pump Station, Slidell and Metairie, LA - Power, instrumentation and controls system design for storm drain pumping stations. • New raw water pumping station – Morgan City, Louisiana - A new three pump platform to take water from the Atchafalaya River for the water plant at Morgan City, Louisiana. • Jefferson Parish Public Works - Bayou Segnette Pump Station Upgrade, Westwego LA - Replace 6 diesel pump driver units. Interface skid mounted diesel engine controllers and gearbox instrumentation with existing Murphy Panels and Jefferson Parish SCADA system. • Marvin J. Braud Pump Station, Gonzales, LA - MCA prepared the Electrical and Control Systems CDs for the expansion of the pumping station by adding Diesel Driven pump motors, a new line-up of 480 MCC, a new 480VAC 3 Phase power service, new lighting for the pump building, and emergency power generation (EPG) for miscellaneous electrical loads and another EPG for the critical life-safety electrical loads. MCA performed electrical engineering services for the installation of the addition of pump No. 6 driven by 1250 HP internal combustion engines.

TEC Professional Services Questionnaire

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

PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Bayou Segnette Drainage Pump Station Jefferson Parish MCA is subconsultant to: Rahman & Associates, LLC 3645 Williams Blvd #208 Kenner, LA 70065	Electrical engineering services for Bayou Segnette Drainage Pump Station, Westwego, LA—Pump Station Improvements to Bayou Segnette Drainage Pump Station No. 1, including the replacement of 4—150 CFS pumps and 6 engines, the rehabilitation of 6 existing gear boxes and related ancillary work.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020	\$3,500,000	\$700,000

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Multiple Pump Stations East Baton Rouge Parish East Baton Rouge City/Parish MCA Subconsultant to AECOM 8757 Woodway Dr., Suite 101 West Houston, TX 77057	Department of Public Works projects for the upgrade of multiple pump stations in the Highland Road/ Kenilworth area located in East Baton Rouge Parish. The project includes the upsizing of 9 pump stations and the construction of 2 pump stations to alleviate Sanitary Sewer Overflow at and near the pump stations and in respective upstream basins. The improvements will provide capacity to handle predicted future peak wet weather flows. The scope of work encompasses residential and commercial areas as well as Louisiana State University facilities. MCA was engaged in designing the electrical power, controls designs and standby generator size for the pump load at each site in accord with DPW standards. The scope of services includes: Investigations, Preliminary Design, Detailed Design, Bidding Services and Engineering Services During Construction	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2017	\$30,000,000	\$7,000,000

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
East Bank Wastewater Treatment Plant Effluent Pump Station New Orleans, LA MCA is a subconsultant to: Greenpoint Engineering Amer Tufail, P.E. 701 Loyola Ave. New Orleans, LA 70113	MCA is providing electrical and instrumentation engineering for a new 1,000 HP, 36" pump at the EBWWTP Effluent Pump Station, similar in configuration and capacity to the two existing 1,000 HP 36" pumps. MCA will also be providing electrical and instrumentation engineering for the modifications of the EPS pump discharge header to accommodate the new pump and to allow improve the flow of the parallel effluent force mains. MCA is providing electrical engineering and design to specify the new motor, drive and control, and their integration with the currently planned upgrades of the EPS electrical system. MCA is also providing electrical system modeling and upsizing one substation transformer & relocating another transformer to accommodate the additional electrical load due to the new 1000 HP pump.	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021	\$5,500,000	\$3,000,000

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Baton Rouge City Parish Sewer Project East Baton Rouge Parish MCA Subconsultant to: Evans-Graves /Burk-Kleinpeter 9800 Airline Highway, Suite 200 Baton Rouge, LA	<p>The Department of Public Works initiated projects for the upgrade of the Metro Airport Area sewer pump station and force main upgrades, located in East Baton Rouge Parish. The project includes 8 pump stations in the area to alleviate sanitary sewer overflow. The improvement will provide capacity to handle predicted future peak wet weather flows. The scope of work encompasses residential and commercial areas as well as Baton Rouge Metro Airport.</p> <p>MCA was engaged in designing the electrical power, controls, designs and standby generator size for the pump load at each site in accord with DPW standards.</p> <p>The scope of services includes Investigations, Preliminary Design, Detailed Design, Bidding Services, and Engineering Services During Construction.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2014	\$30,000,000	\$9,000,000




TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Ascension Parish 6 Pump Stations Ascension Parish MCA Subconsultant to: Evans-Graves 9800 Airline Highway, Suite 200 Baton Rouge, LA	<p>The submersible wastewater pump stations are located throughout Ascension Parish. There are a total of 6 duplex pump stations serving facilities in Darrow, Louisiana. The purpose of this project was to upgrade existing pump stations and design new installations for Ascension Parish Public Works. This includes design of a control system for pump operation and coordination with Entergy for build out of the power infrastructure for service at the new sites.</p> <p>MCA was engaged in designing the electrical power, controls designs, and standby generator size for the pump load at each site.</p> <p>The scope of services includes Investigations, Preliminary Design, Detailed</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021	\$400,000	\$125,000

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Baton Rouge City/Parish Sewer Project East Baton Rouge Parish MCA Subconsultant to: CSRS 6767 Perkins Road, Suite 200 Baton Rouge, LA 70808	<p>Multiple Pump Stations for the East Baton Rouge City/Parish Department of Public Works - Jefferson Hwy - Park Forest Dr. – The project included replacing five pump stations. The upgrades will work in conjunction with force main upgrades in other South Forced Upper Basin projects to alleviate chronic SSO's at and near the five pump stations. MCA is a subconsultant to CSRS</p> <p>MCA was engaged in designing the electrical power, controls designs and standby generator size for the pump load at each site in accord with DPW standards.</p> <p>The scope of services includes Investigations, Preliminary Design Technician, Detailed Design, Bidding Services, and Engineering Services During Construction.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2012	\$25,000,000	\$7,000,000

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Marvin J. Braud Pump Station Ascension Parish MCA Subconsultant to: Burk-Kleinpeter Tony Moschella, P.E. P. O. Box 19087 New Orleans, LA 70179</p> 	<p>The Marvin J Braud Pump Station Basin covers the central and northern portions of East Ascension Parish including the City of Gonzales and Prairieville, Louisiana, and East Ascension Consolidated Gravity Drainage District.</p> <p>MCA prepared the Electrical and Control Systems CDs for the expansion of the pumping station by adding Diesel Driven pump motors, a new line-up of 480 MCC, a new 480VAC 3 Phase power service, new lighting for the pump building, and emergency power generation (EPG) for miscellaneous electrical loads and another EPG for the critical life-safety electrical loads. MCA performed electrical engineering services for the installation of the addition of pump No. 6 driven by 1250n HP internal combustion engines. MCA was responsible for the modifications to upgrade the electrical utility service; Relocate the electrical utility transformers; Upgrade the existing stand by emergency power generator and install a second generator unit; Upgrade the electrical and electronic monitoring and operation control system for the existing five drainage pumps driven by 1250 HP internal combustion engines; Design the installation of the electrical power and control systems for the operation of the drainage pumps and auxiliary equipment; Design the installation of the electronic instrumentation systems for the operation and monitoring of the new pump N-6; Design the installation of lighting. Communication, security systems in the extension of the pump house.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2014	\$5,000,000	\$1,000,000

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>St. James Pump Station St. James Parish MCA was subconsultant to: Professional Engineering Consultants Tony Arikol, P.E. 7600 Innovation Ave. Baton Rouge, LA 70816</p>	<p>St. James Parish planned installation of 6 new pumping stations across the parish. MCA was responsible for the electrical power and controls design for the installation of these stations. Each station had 2 pumps which ranged from 5 to 10 hp.</p> <p>MCA provided preliminary design, construction documents, specifications, bid phase services, and construction assistance.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2015	Unknown	\$19,943 (Fee)

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
St. Tammany Pump Station St. Tammany Parish MCA was subconsultant to: Professional Engineering Consultants Tony Arikol, P.E. 7600 Innovation Ave. Baton Rouge, LA 70816	St. Tammany Parish upgraded 5 pumping stations in the Covington area. The pumps in these stations were replaced with larger pumps which required the controllers and associated electrical equipment be upgraded for the larger motors. MCA was responsible for the electrical power and controls design for the installation of these stations. Each station had 2 pumps which ranged from 5 to 15 hp. MCA provided preliminary design, construction documents, specifications, bid phase services, and construction assistance.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2015	Unknown	\$15,351 (Fee)

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
St. Mary Parish Government – Amelia Pump Station 2 and 2A St. Mary Parish, Louisiana MCA was subconsultant to T. Baker Smith Thomas Naquin 17534 Old Jefferson Hwy. #D1 Prairieville, LA 70769	Installation of a 48" pump that will replace an existing 20" pump at the pumping station, a new pump house and associated power. Installation of new alternator control system to link new pump with existing 48" pump and stage/alternate operation of both pumps based on water level and operating sequence. .	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018	Unknown	\$10,000 (Fee)

TEC Professional Services Questionnaire

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

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. None		
2.		
3.		
4.		

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

MARRERO, COUVILLON & ASSOCIATES, LLC (MCA) is an engineering design consulting firm with over forty years of experience. Our engineering services include electrical, mechanical and plumbing (MEP) disciplines. Services within these disciplines include:

- Investigation/Evaluation/Recommendations for existing systems
- Design of new or upgraded MEP systems
- Construction Administration services
- Field Inspection services.

The firm is current with today's rapidly changing design technologies. In this regard, MCA offers design documentation in Revit, AutoCAD and Microstation.

Founded in Baton Rouge in 1968 by Hugo A. Marrero, Sr., P.E, MCA operates a second location in Metairie, La. The Metairie location is managed by Greg DeCoursey, A.I.A. Our in-house architect serves as a beneficial liaison between our engineering design teams and the over-all project concept.

MCA's certification as a Disadvantaged Business Enterprise (DBE) by the Unified Certification Program of the Louis Armstrong New Orleans International Airport, and the Louisiana Department Of Transportation And Development (DOTD) adds value to many publicly funded projects. Additional certifications include:

- State and Local Disadvantaged Business Enterprise (SLDBE)
- Small Entrepreneurship – Hudson Initiative
- Small and Emerging Business Development (SEBD)
- Small Business Administration 8A (SBA 8a)

In addition to our capacity as prime consultant on projects for owners, contractors, and governmental agencies, Marrero, Couvillon also performs engineering services as a sub-consultant to other design professionals. Our work covers a diverse range of public, commercial and industrial projects; large and small including:

- Sewerage and Drainage
- Historical Renovations
- Parks and Recreation, including zoos
- Commercial facilities such as hotels and restaurants
- Government facilities
- Airports – terminals, hangars, airfield power/lighting

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- Highways, Bridges and Tunnels
- Industry, including sugar processing facilities and petrochemical installations
- Universities and schools.

MCA's team of experienced engineers, design technicians, Computer Aided Design/Drafting (CADD) staff, field technicians and specification writers work under the supervision of experienced project managers to develop professional construction documents used for the execution of engineering projects.



The Firm's experience in the design of systems for the operation of pumping stations and the modification and upgrade of existing ones, include numerous projects in South Louisiana. The Firm's design concepts are based on state of the art technology and the application of MCA's experience in the selection of the best equipment for the project.

1. Professional training and experience in relation to the type of work required for the routine engineering services. The team of professionals at Marrero, Couvillon & Associates, LLC. has varied and extensive experience in providing engineering services as prime consultant, or as subconsultants for sewerage and drainage projects. Our company has over 50 years of experience. Within the last five years MCA has successfully completed or is currently working on the following sewerage and drainage projects:

Project Name	Client
M. J. Braud Pump Station Expansion	Ascension Parish
Zachary Americana Pump Station Installation	City of Zachary
St. John Airport Road Wastewater Pump Station	St. John the Baptist Parish
Upgrade Existing Pump Station and Design New Installations	Darrow, Louisiana, Ascension Parish
Upgrade Metro Airport Area Sewer Pump Station	Department of Public Works, City of Baton Rouge
Sewer System Upgrades Multiple Pump Station Improvements	City of Baton Rouge
Generator Reconfiguration for Pump Station No. 45	City of Baton Rouge
Sewerage Lift Station by Freight Receiving Building	New Orleans International Airport
Upsizing Multiple Pump Stations and Construction of 2 New Pump Stations	Department of Public Works, City of Baton Rouge
St. James Parish Phase 1 – Wastewater Collection	St. James Parish
St. James Parish Additional Pump Stations	St. James Parish
St. Tammany Parish Pump Station	St. Tammany Parish
Bayou Segnette Drainage Pump Station	Jefferson Parish
St. Mary Pump Station	St. Mary Parish

TEC Professional Services Questionnaire

2. Size of firm. Marrero, Couvillon & Associates has two complete departments for Mechanical Engineering and Electrical Engineering. Each department is run by a licensed Professional Engineer. Each department has designers and CAD technicians to proficiently handle the field visits, meetings, drawings and specifications meeting all code requirements to complete these projects safely, efficiently and to meet the needs of Jefferson Parish. Our staff of eighteen professionals are prepared to serve.

3. Work Load. Presently, MCA is seeking to diversify and expand its present workload and would welcome the opportunity to serve Jefferson Parish. As depicted in the chart below, many of our projects are in CA services or nearing completion.

Project Name and Location	Current Status
Ascension Parish Pumping Stations	CA Services
Lafayette Airport Terminal	CA Services
New Orleans City Hall Elevator/Mechanical Upgrades	CA Services
City of Galveston Pumping Station	Design
University Terrance	Design
Exxon QAL Lab	CA Services
New Orleans Municipal Courts	Design
New Orleans Union Station	CA Services
Baton Rouge Department of Environmental Services Building	Design
Louisiana Wetlands Education Center	CA Services
US 11 Bridge Rehabilitation	CA Services
St. Paul School Music Building	CA Services
International High School	CA Services
New Orleans DA Office Renovation	Bidding
New Orleans Police Department Firing Range	CA Services
Low Barrier Shelter (Phase 2)	CA Services
Emergency Maintenance Facility	CA Services
New Orleans Fire Department Storage Facility	Bidding

The staff of MCA recognizes the required activities for this project and concludes that MCA has the capacity to meet the requirements to develop all aspects of the work associated with this project. MCA staff assigned to this project will be scheduled with all of the time necessary to provide services required, at the time when they are needed.

4. Past Performance on Jefferson Parish contracts. Marrero, Couvillon & Associates welcomes the opportunity to provide engineering services for Jefferson Parish. We are currently performing services as subconsultants on the Bayou Segnette Pumping Station project, which is in the design phase. Prior to this project, MCA has not worked as a prime or subconsultant to the parish for many years. We have, however, been involved with many projects within Jefferson Parish, including current projects

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- 5. Location of the principal office.** Marrero, Couvillon & Associates offers two locations to best meet our client needs. Our Metairie office located at 3525 Hessmer Ave. will serve as our headquarters for this project.
- 6. Adversarial Legal proceedings between the Parish and the firm.** MCA has never encountered an adversarial situation with Jefferson Parish and plans to keep it that way.
- 7. References for successful completion of projects.** MCA is pleased to provide references for projects of similar nature. Please refer to Section 8, Work by Firm, Project owner names and contact information.

Marrero, Couvillon & Associates is excited to participate on this team in preparation of this statement of our qualifications, and we look forward to collaborating with them if awarded the opportunity to undertake any projects assigned by Jefferson Parish.

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



Signature: _____ **Print Name:** Greg DeCoursey, AIA