

Hartman Engineering Inc.

527 W. ESPLANADE AVENUE, SUITE 300
KENNER, LA 70065 ■ (504) 466-5667

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

Provide Routine Engineering Services for
STREETS PROJECTS
Resolution No. 142010

Response to Request for Statement of Qualifications

Hartman Engineering, Inc.

Consulting Engineers

August 25, 2023

To:



**Subject: SOQ 23-017
Provide Routine Engineering Services for STREETS PROJECTS
Resolution No. 142010
Response to Request for Statement of Qualifications**

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 major drainage 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 uploaded our response for your review and consideration.

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

Sincerely,
Hartman Engineering, Inc.

A handwritten signature in blue ink, appearing to read 'Jared B. Monceaux, P.E.', is written over a light blue horizontal line.

Jared B. Monceaux, P.E.
President

JBM/am

Enclosures

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Provide Routine Engineering Services for Streets Projects

Resolution No. 142010

B. Firm Name & Address:



**527 West Esplanade Avenue, Suite 300
Kenner, Louisiana 70065**

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:

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 |
| 3 | Engineer Intern | 2 | Environmental Engineers | 2 | Designer |
| | Professional Land Surveyors | 1 | CAD Draftsman | 18 | TOTAL |
| | Environmental Scientist | 1 | Transportation Engineer | | |

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. 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. None | | |
| 2. | | |
| 3. | | |

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

18

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:

16 (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) & Florida (88044)

Other experiences and qualifications relevant to the proposed Project:

Completed "FHWA-NHI-142005 NEPA and the Transportation Decision-making Process" certification, hosted by LA DOTD/LTRC (2016)

Mr. Monceaux has over twenty years of engineering project management and design experience on municipal projects, specifically road and bridge system improvement projects. His road and bridge experience includes large and small urban and rural road projects, small slab span and concrete girder bridges. Mr. Monceaux's responsibilities have included planning, project management, design, various permitting, and quality control.

- **ATTSA Traffic Control Supervisor and Technician 4/2017**

Intersection Improvements (Veterans Blvd. – Bonnabel Blvd.) JP Parish Project 2017-028-RBP, Jefferson

Parish, LA: Mr. Monceaux is the Project Manager 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)

742-26-0033 / H.007175, F.A.P. No. 6130 (010): LADOTD – Lapalco Blvd. Improvements Phase I –Victory

Dr. to Westwood Dr. Jefferson Parish, LA: Project Manager and QA/QC Engineer for the widening of this major arterial Urban Systems Project from 4 lanes to 6 lanes. Mr. Monceaux was responsible for geometric and hydraulic design. The project is approximately 0.8 miles and includes installation of new curb and gutter sections, subsurface drainage, and pavement widening. (HEI Project No. 11-014-53)

SPN H. 014316 LADOTD – Lapalco Blvd. Phase 2, - Tanglewood to Victory - Jefferson Parish, LA:

Project Manager for the widening of this major arterial 2 lane section Urban Systems Project from 2 lanes to a 2-lane boulevard section. Mr. Monceaux is responsible for Project Management activities and active participation in design. The Project

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PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Jared B. Monceaux, P.E.
President

is approximately 0.7 miles and includes a 2-lane section from 1 lane to a 2-lane boulevard utility relocation, temporary traffic control and a new signal. (HEI Project No. 11-014-53-06)

Public Works No. 2017-046-RBP – Lapalco Blvd. Bridge over Harvey Canal – Jefferson Parish, LA: Mr. Monceaux is project manager. HEI is providing all Roadway Design services for Eastbound and Westbound roadways to install a new Westbound bridge crossing Harvey Canal. (HEI Project No. 11-014-53-86)

P.W. No. 2005-056-RB, Wall Boulevard Reconstruction, Jefferson Parish, LA: Responsible for plans and specifications necessary to reconstruct a 4,000-foot segment of minor arterial roadway. Design included vertical and horizontal alignment and drainage as per LADOTD specifications. Provided engineering services during bid and construction phases of project. (HEI Project No. 11-014-62)

LADOTD SP 700-26-0234, 826-44-0027; Hickory Avenue (LA 48 - Mounes), Route LA 3154, Jefferson Parish, LA: Currently reviewing 90% plans for LA 3154 to a 4-lane, urban-divided highway with subsurface drainage. Review includes performing checks on vertical and horizontal alignment, hydraulic design, quantity computations, coordination between U.S. Army Corps of Engineers *Pump to the River* project and Entergy's Transmission Towers, and corrections to reflect current 2006 specifications and current bid items. (HEI Project No. 12-092-06)

Stage 0 Feasibility Study, JPPW Project No. 2007-060-RB, Northbound Manhattan Boulevard to Elevated Eastbound West Bank Expressway, Jefferson Parish, LA: (75% complete) Study of two alternative flyovers at the intersection of Manhattan Boulevard and West Bank Expressway that would allow direct entry to eastbound West Bank Expressway from northbound Manhattan Boulevard. The report follows all guidelines from LDOTD's *Stage 0 Manual of Standard Practice*. (HEI Project No. 12-087-03)

Chateau Blvd. Resurfacing (W. Esplanade Ave. to Vintage Dr.), Project No. 2014-007-RB, Contract No. 4400005982, State Project No. H.011007.5, Kenner, LA: Project manager for the design of a resurfacing project for 0.75 miles of a boulevard section, which included identifying and replacement of localized base failures and concrete curb replacement. (HEI Project No. 12-092-12)

SPN H.011490, FAP No. H.011490: LaDOTD – LA 30: Left Turn Lane at S. Purpera Ave, Ascension Parish, LA: Mr. Monceaux was the project manager and responsible for the preparation of plans and specifications. The project improvements included preliminary and final designs for the widening of an urban arterial (UA-3) 2-lane corridor to accommodate proposed left turns at the intersection of LA 30 and S. Purpera Ave. The improvements featured an intersection design, signal design, and ancillary roadway and drainage designs. Mr. Monceaux provided sub-consultant and client coordination, project management, QA/QC coordination, value-engineering recommendations, utility conflict review and coordination, geometric roadway and intersection design, drainage design, specifications review and preparation, construction cost estimate and quantity take-offs preparation. Additional technical responsibilities included roadway modeling via InRoads and MicroStation and providing LaDOTD Submittals and Coordination via the Bentley ProjectWise interface. (HEI Project No. 12-031-07)

H.004747 F.A.P. No. STP-3609(518): LADOTD - Lake Forest Blvd. Widening (Eastover to I-510), New Orleans, LA: Project Manager for the extension (approx. 650') a new westbound section of this urban collector road, approximately 450 feet west of its interchange with I-510. Responsible for the design and coordination efforts between LADOTD, City of New Orleans, and the Regional Planning Commission. A Categorical Exclusion (CE) was required for this project. (HEI Project No. 12-092-08)

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

JP Project No. 2010-058-ST Manhattan Blvd. Resurfacing (Lapalco to Harvey Blvd.): Preliminary and final plans and specifications to mill an overlay Manhattan Blvd. Design includes mill and overlay asphaltic concrete, and concrete panel replacement. (HEI Project No. 12-087-03)

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 racetrack related facilities. Project included an overall site drainage study; design of access roads and parking areas (115,000 SY), 8" water mains (22,315 LFT), 8" sanitary sewer (12,345 LFT), multiple pump stations with force mains (11,400 LFT), various sized storm drainage facilities (15,150 LFT); and an overall site grading plan. (HEI Project No. 13-115-01)

SPN H.009320/F.A.P. H009320: Acadian Roundabout, Route LA 20 (Canal Boulevard) and Local Routes (Back St., Jackson St., Thompson Place), LaFourche Parish, LA: Design of a traditional shaped dual lane 5-legged roundabout at the intersection of LA 20 and Jackson St. in Thibodaux, LA. The improvements included roadway widening, valve engineering, utility relocations, drainage design, geometric design, extensive phasing and temporary traffic control. Design conforms to EDSM V1.11.6., and current 2017 roadway design guidelines. (HEI Project No. 12-092-09)

I-12 to Bush Corridor LA3241 (I-12 to LA36) SPN H.004957, St. Tammany Parish, LA: Mr. Monceaux is the HEI project manager responsible for the preparation of plans for the subject project. The project improvements include preliminary design of a rural arterial (RA-3) 4-lane corridor with a raised median. The corridor is primarily a control-of-access route featuring bridge and intersection design. Mr. Monceaux provides consultant coordination and project management, QA/QC coordination, geometric roadway and intersection design, drainage design, roadway modeling via InRoads software, specifications review and preparation, construction cost estimate and quantity take-offs preparation. (HEI Project No. 12-092-10)

LADOTD SP 023-06-0060 (Construction), US 167, N. Hodge to Quitman, Jackson Parish, LA: Prepared plans for 90% - 100% submittal, which included quantity computations, cross section review/adjustments, review of horizontal and vertical alignment, typical section revisions, plan/profile revisions, hydraulic design check, PPC girder bridges, sequence of construction revisions, and final cost estimates. Providing engineering services during construction. (HEI Project No. 12-092-07)

LADOTD SP 849-02-0014; LA 749 (Junction US 167 to Junction US 190), St. Landry Parish, LA: Provided engineering services during construction for the replacement of approximately 4.5 miles of existing roadway with rural and urban two-lane facilities. (HEI Project No. 12-092-05)

AIP 3-22-006-81 SPN 917-01-082: Baton Rouge Metropolitan Airport - Blount Road Relocation, East Baton Rouge Parish, LA: Bridge and Roadway design Engineer for the preparation of preliminary and final construction plans, specifications, and Regulatory Bridge Permit for Cypress Bayou (USACE Nationwide Permit) to relocate 3500 feet of a 2-lane minor arterial roadway, which included the design of a 300 foot Type II PPC Girder Bridge with precast concrete piles, horizontal and vertical alignment, and hydraulic design of storm sewers and cross drains. (HEI Project No. 12-093-06)

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:

Lead Traffic Engineer

Name of Firm with which associated:

HEI Hartman Engineering, Inc.
Consulting Engineers

Years' experience with this Firm:

9 (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)

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 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 45 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.

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

Intersection Improvements (Veterans Blvd. – Bonnabel Blvd.) JP Parish Project 2017-028-RBP, Jefferson Parish, LA: Mr. Tramel is the signal design engineer for this capacity improvements project at the intersection of

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:

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

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 paths. *HEI Project No. 11-014-95*

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. The 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, Ascension Parish, 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.: 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*

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 modern roundabouts

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:

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

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 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.

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)

TEC Professional Services Questionnaire

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**Name & Title:**

Danielle B. Connelly, P.E.
Operations Manager

Project Assignment:

Project Engineer

Name of Firm with which associated:

HEI Hartman Engineering, Inc.
Consulting Engineers

Years' experience with this Firm:

18 (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:

Mrs. Connelly has over fifteen 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),
- 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

Intersection Improvements (Veterans Blvd. – Bonnabel Blvd.) JP Parish Project 2017-028-RBP, Jefferson Parish, LA: Mrs. Connelly was the Lead Design Engineer 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 paths. (HEI Project No. 11-014-95)

742-26-0033 / H.007175, F.A.P. No. 6130 (010): LADOTD – Lapalco Blvd. Improvements Phase I – Victory Dr. to Westwood Dr., Jefferson Parish, LA: Roadway Engineer for the widening of this major arterial Urban Systems Project from 4 lanes to 6 lanes. Mrs. Connelly was responsible for geometric and hydraulic design. The project is approximately 0.8 miles and includes installation of new curb and gutter sections, subsurface drainage, and pavement widening. (HEI Project No. 11-014-53)

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Danielle B. Connelly, P.E.
Operations Manager

SPN H. 014316 LADOTD – Lapalco Blvd. Phase 2, - Tanglewood to Victory - Jefferson Parish, LA: Project Engineer for the widening of this major arterial 2 lane section Urban Systems Project from 2 lanes to a 2-lane boulevard section. Mrs. Connelly is responsible for active participation in design. The Project is approximately 0.7 miles and includes a 2-lane section from 1 lane to a 2-lane boulevard utility relocation, temporary traffic control and a new signal. (HEI Project No. 11-014-53-06)

Public Works No. 2017-046-RBP – Lapalco Blvd. Bridge over Harvey Canal – Jefferson Parish, LA: Mrs. Connelly is the project engineer. HEI is providing all Roadway Design services for Eastbound and Westbound roadways to install a new Westbound bridge crossing Harvey Canal. (HEI Project No. 11-014-53-86)

SPN H.009320/F.A.P. H009320: Acadian Roundabout, Route LA 20 (Canal Boulevard) and Local Routes (Back St., Jackson St., Thompson Place), LaFourche Parish, LA: Mrs. Connelly is the Lead Design Engineer for the traditional shaped dual lane 5-legged roundabout at the intersection of LA 20 and Jackson St. in Thibodaux, LA. The improvements include roadway widening, valve engineering, utility relocations, drainage design, geometric design, extensive phasing, and temporary traffic control. Design will conform to EDSM V1.11.6., and current 2017 roadway design guidelines. (HEI Project No. 12-092-09)

SPN H.011007.5, Chateau Blvd. Resurfacing (W. Esplanade Ave. to Vintage Dr.), Project No. 2014-007-RB, Contract No. 4400005982, Kenner, LA: Mrs. Connelly was the Lead Roadway Engineer for the preparation of Plans (letter size) and Specifications for the design of a resurfacing project for 0.75 miles of a boulevard section, which included Milling and Asphalt Concrete Overlay, Base Course Replacement, and Curb and Gutter Replacement. Construction Value of \$1.2 million. (HEI Project No. 12-092-12)

SPN H.011490, FAP No. H.011490: LADOTD – LA 30: Left Turn Lane at S. Purpera Ave, Ascension Parish, LA: Mrs. Connelly was the lead design engineer responsible for the preparation of plans and specifications. The project improvements included preliminary and final designs for the widening of an urban arterial (UA-3) 2-lane corridor to accommodate proposed left turns at the intersection of LA 30 and S. Purpera Ave. The improvements featured intersection design, signal design, and ancillary roadway and drainage designs. Mrs. Connelly provided sub-consultant and client coordination, project management, QA/QC coordination, value-engineering recommendations, utility conflict review and coordination, geometric roadway and intersection design, drainage design, specifications review and preparation, construction cost estimate and quantity take-offs preparation. Additional technical responsibilities included roadway modeling via Bentley InRoads and MicroStation and providing LaDOTD Submittals and Coordination via the Bentley ProjectWise interface. (HEI Project No. 12-031-07)

H.004747 F.A.P. No. STP-3609(518): LADOTD - Lake Forest Blvd. Widening (Eastover to I-510), New Orleans, LA: Road Design Engineer for the extension (approx. 650') of a new westbound section of this urban collector road, approximately 450 ft west of its interchange with I-510. Responsible for geometric and hydraulic design. A Categorical Exclusion (CE) was required for this project. (HEI Project No. 12-092-08)

SPN H.004957, F.A.P. No. H004957: LADOTD –I-12 to Bush Corridor LA 3241 (LA 434 – LA 36), St. Tammany Parish, LA: Mrs. Connelly was the lead design engineer responsible for the preparation of plans and specifications. The project improvements included preliminary design of a rural arterial (RA-3) 4-lane corridor with a raised median. The corridor was primarily a control-of-access route featuring bridge and intersection design. Mrs. Connelly provided consultant coordination and project management, QA/QC coordination, geometric roadway and intersection design,

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Name & Title:

Danielle B. Connelly, P.E.
Operations Manager

drainage design, roadway modeling via InRoads software, specifications review and preparation, construction cost estimate and quantity take-offs preparation. (HEI Project No. 12-092-10)

CPN. 95-05B: City of New Orleans - Oak Street Reconstruction, New Orleans, LA: Mrs. Connelly provided assistance with design of approximately 5,200 linear feet of gravity main, general drafting and cross-section design for this project. Tasks also included calculation of quantities for gravity main, asphalt and base course, walks and drives, curb & gutters, and saw cut lengths. (HEI Project No. 11-076-06)

AIP 3-22-006-81 SPN 917-01-082: Baton Rouge Metropolitan Airport - Blount Road Relocation, East Baton Rouge Parish, LA: Mrs. Connelly provided Bridge Design computations and checks for the preparation of preliminary and final construction plans, specifications, and Regulatory Bridge Permit for Cypress Bayou (USACE Nationwide Permit) to relocate 3500 feet of a 2-lane minor arterial roadway, which included the design of a 300 foot Type II PPC Girder Bridge with precast concrete piles, horizontal and vertical alignment, and hydraulic design of storm sewers and cross drains. (HEI Project No. 12-093-06)

C. Braud Road Safety Widening, Ascension Parish, LA: Approx. 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)

DPW Project. No. 2017-RR189, PW7120355; K17-420, RR189 Village De L'est Group C (FRC), New Orleans, LA: Design services for FEMA-eligible street repairs and utility installations on four assigned streets within the Village De L'est Group C Project boundary. Improvements include the following design features: roadway pavement and base construction complete with curbs, sidewalks, drives, and ADA handicapped ramps; subsurface drainage, water, and sanitary sewer installation. Final grades were designed to be compatible with adjacent properties and existing pavements and provide for a positive flow of water towards catch basins. Project technical design work included horizontal and vertical design and modeling of fully reconstructed residential streets, hydraulic study for design and modeling of drainage system (pipe sizes ranging from 15" to 54", circular and arch), and design of water and sanitary sewer installations. (HEI Project No. 11-076-08)

LADOTD SP 700-26-0234, 826-44-0027; Dickory / Hickory Avenue Extension (LA 48 - Mounes), Route LA 3154, Jefferson Parish, LA: Design included performing checks on vertical and horizontal alignment, hydraulic design, quantity computations, coordination between U.S. Army Corps of Engineers *Pump to the River* project and Entergy's Transmission Towers, and corrections to reflect current 2006 specifications and current bid items. (HEI Project No. 12-092-06)

700-55-0101: LADOTD - Hollywood Road (Junc. LA 311 to Junc. LA 3040), Terrebonne Parish, LA: Mrs. Connelly provided drainage design assistance for this urban systems project that consists of providing environmental analysis, evaluation and documentation, preliminary and final plans for the widening of Hollywood Road in the City of Houma. The project begins at the junction of LA 311 and ends at the junction of LA 3040. The proposed undivided urban section will consist of 4-3.6 m (12ft) travel lanes with curb and gutter, and sub-surface drainage. The project is approximately 1.931 km (1.20 miles) in length. Project includes modifications to an existing signal and new signal design. (HEI Project No. 12-092-02)

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:**

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

Project Assignment:

Hydraulics Engineer

Name of Firm with which associated:

HEI Hartman Engineering, Inc.
Consulting Engineers

Years' experience with this Firm:

16 (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:

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.

742-26-0033 / H.007175, F.A.P. No. 6130 (010): LADOTD – Lapalco Blvd. Improvements Phase I – 900' West of Victory Dr. to Westwood Dr. Jefferson Parish, LA : Roadway Engineer for the widening of this major arterial Urban Systems Project from 4 lanes to 6 lanes. Mr. Rao was responsible for geometrical and hydraulic design. The project is approximately 0.8 miles and includes installation of new curb and gutter sections, gab surface drainage, and pavement widening. (HEI Project No. 11-014-53)

576-26-0028 (Phase IV) JP Project No. 2008-043-DR, LADOTD – Ave D 8th St. (Ave C and Gaudet), Allo St. (between 6th and 7th 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 96" RCP), structural design, detail of large conflict boxes, roadway reconstruction and utility relocations. (HEI Project No. 12-014-76)

576-26-0028 (Phase V) JP Project No. 2010-003-DR, LADOTD – Ave D Drainage Improvements (Westbank Expressway to 6th St.) Jefferson Parish, LA : Design Engineer for the preparation of preliminary and final plans and

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

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

specifications for drainage and roadway improvements (LADOTD Statewide Flood Control Program) Design includes upgrade of existing drainage structures (which range from 15" to 96" RCPA), 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)

Chateau Blvd. Resurfacing (W. Esplanade Ave. to Vintage Dr.), Project No. 2014-007-RB, Contract No. 4400005982, State Project No. H.011007.5, Kenner, LA.: Project engineer for the design of a resurfacing project for 0.75 miles of a boulevard section, which included identifying and replacement of localized base failures and concrete curb replacement. (HEI Project No. 12-092-12)

H.004747 F.A.P. No. STP-3609(518): LADOTD - Lake Forest Blvd. Widening (Eastover to I-510), New Orleans, LA: Road Design Engineer for the extension (approx. 650') a new westbound section of this urban collector road, approximately 450' west of its interchange with I-510. Responsible for the geometric and hydraulic design. A Categorical Exclusion (CE) was required for this project. (HEI Project No. 12-092-08)

SPN H.009320/F.A.P. H009320: Acadian Roundabout, Route LA 20 (Canal Boulevard) and Local Routes (Back St., Jackson St., Thompson Place), LaFourche 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 Thibodaux, LA. The improvements included roadway widening, valve engineering, utility relocations, drainage design, geometric design, extensive phasing and temporary traffic control. Design conforms to EDSM V1.11.6., and current 2017 roadway design guidelines. (HEI Project No. 12-092-09)

700-55-0101: LADOTD - Hollywood Road (Junc. LA 311 to Junc. LA 3040), Terrebonne Parish, LA: (2004 – 2013). QA/QC Engineer for this urban systems project that consists of providing environmental analysis, evaluation and documentation, preliminary and final plans for the widening of Hollywood Road in the City of Houma. The project began at the junction of LA 311 and ended at the junction of LA 3040. The undivided urban section consisted of 4-3.6 m (12ft) travel lanes with curb and gutter, and sub-surface drainage. The project was approximately 1.931 km (1.20 miles) in length. Project included modifications to an existing signal and new signal design. (HEI Project No. 12-092-02)

I-12 to Bush Corridor LA3241 (I-12 to LA36) SPN H.004957, St. Tammany Parish, LA. The project improvements include preliminary design of a rural arterial (RA-3) 4-lane corridor with a raised median. The corridor is primarily a control-of-access route featuring bridge and intersection design. HEI provides consultant coordination and project management, QA/QC coordination, geometric roadway and intersection design, drainage design, roadway modeling via InRoads software, specifications review and preparation, construction cost estimate and quantity take-offs preparation. (HEI Project No. 12-092-10)

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

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

Livingston Parish Council, Livingston Parish, LA. Capital Improvements Program 1998 - Contract A Project Engineer of this major 57 miles roads and streets improvements program involving reconstruction/overlay of existing roads and streets and replacement of cross drain structures, preparation of construction plans and specifications. *(Work performed under previous consulting firm)*

Louisiana DOTD, Urban System Program, Capital-Belle Rose-William Street Improvements, City of Denham Springs, LA. Project Manager of this project located in Denham Springs, Louisiana. The project involved urban street design with subsurface drainage design, intersection design for left turn lanes at US Highway 190, preparation of preliminary and final construction plans, construction phasing and sequencing drawings. *(Work performed under previous consulting firm)*

LA DOTD, Highway 3002 Couplet (South Range Avenue), City of Denham Springs, LA. Project Manager of this project located in Denham Springs, Louisiana. The project involved geometric design of northbound urban highway relocation, subsurface drainage design, construction phasing and sequencing drawings. *(Work performed under previous consulting firm)*

City of Baton Rouge, North 39th Street Improvements. Project manager and design of urban street improvements with subsurface drainage; preparation of preliminary and final construction plans. *(Work performed under previous consulting firm)*

City of Baton Rouge, Stevendale Road at Florida Boulevard Intersection Improvements. Project manager and design of urban street Intersection improvements with subsurface drainage; preparation of preliminary and final construction plans. *(Work performed under previous consulting firm)*

LA DOTD, Federal-Aid-Off-System Bridge Replacement Projects. Project manager and design of various bridge replacement projects for parish bridges in Ascension, East Feliciana, Allen, Livingston, Orleans, St. Helena, LaSalle, Washington, Claiborne parishes. Hydraulic Reports, WSPRO water surface calculations, HEC-18 bridge scour analysis, Preliminary and final plan construction plans. *(Work performed under previous consulting firm)*

LA DOTD, Federal-Aid-Off-System Bridge Replacement Projects. Project manager and design of various bridge replacement projects for parish bridges in Ascension, East Feliciana, Allen, Livingston, Orleans, St. Helena, LaSalle, Washington, and Claiborne parishes. Hydraulic Reports, WSPRO water surface calculations, HEC-18 bridge scour analysis, Preliminary and final plan construction plans. *(Work performed under previous consulting firm)*

LA DOTD, Black River Bridge and Approaches, US 84, Jonesville, LA. Roadway Design Engineer of this project located in Central Louisiana. The roadway project involved the geometric designs of approximately 2 miles of both five-lane urban roadway through the city of Jonesville with subsurface drainage, and four lane divided roadway, bridge approaches, geometric designs, sight distance analysis, traffic signalization, construction sequencing and phasing schemes. *(Work performed under previous consulting firm)*

LA DOTD, US Hwy 167, Red River Bridge Approaches, Pineville, LA. Project Manager of this project in Rapides Parish, Louisiana. The project comprised of four lane divided urban highway approaches connecting new Red River Bridge to an existing railroad overpass on the Pineville side of Red River. The project geometry involved design of off-ramp and on-ramp, ramp profile designs, acceleration and deceleration lanes, frontage road, weaving section design, sight distance analysis, and detour designs. The project also included subsurface design system, development of construction sequencing plans and phasing schemes. *(Work performed under previous consulting firm)*

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

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

LA DOTD, I-49 South, Wax Lake Outlet to Berwick, St. Mary Parish, LA. Hydraulic Design Engineer of this Interstate project consisting development of traffic studies, line and grade studies, an environmental impact statement and extensive public participation program; Key responsibilities have been for evaluation of existing floodplain characteristics of project area; hydrologic and hydraulic evaluation of existing major cross drainage structures and their hydraulic capacities; Develop major drainage structures required for each alternate design roadway configuration; preliminary hydraulic design of bridges and drainage structures for design conditions; preparation of Floodplain and Hydraulic Report. *(Work performed under previous consulting firm)*

LA DOTD, State Route in Winnfield US 167, Winn Parish, LA. Project Manager of this \$25 million dollar Louisiana DOTD project. Key responsibilities have been for overall project management, interaction with client and subconsultants, coordination. The project comprised of staged railroad bridge construction and approximately 3 miles of both five-lane urban roadway through the City of Winnfield with subsurface drainage, and four lane divided roadway, bridge approaches, geometric designs, sight distance analysis, construction sequencing and phasing schemes. *(Work performed under previous consulting firm)*

LA DOTD, I-49 South, Lafayette Regional Airport To LA 88, Lafayette, St. Martin and Iberia Parishes, LA. Hydraulic Design Engineer of this Interstate project consisting development of traffic studies, line and grade studies and an environment impact statement and extensive public participation program; Key responsibilities have been for evaluation of existing floodplain characteristics of project area; hydrologic and hydraulic evaluation of existing major cross drainage structures and their hydraulic capacities; Develop major drainage structures required for each alternate design roadway configuration; preliminary hydraulic design of bridges and drainage structures for design conditions; preparation of Floodplain and Hydraulic Report. *(Work performed under previous consulting firm)*

Grayson County, Texas, SH 289 Extension (SH 56 to FM 120). Design Engineer responsible for hydraulic design of several bridge and box culvert / pipe crossings for approximately 12-mile highway project. preparation of hydraulic report, discharge calculations using HEC-1 unit hydrographs and regression equations, HY8 culvert analysis, WSPRO bridge analysis. *(Work performed under previous consulting firm)*

New Orleans International Airport Aviation Board. Delta Taxiway Drainage Improvements: Project Engineer of this project involving replacement / milling of existing taxiway concrete pavement to improve drainage and adjustment of taxiway lights and preparation of construction plans and specifications. *(Work performed under previous consulting firm)*

New Orleans International Airport Aviation Board, North-South Runway Improvements. Project Engineer of this project involving survey of existing cracks and joint failures in the North-South Runway and preparation of plans and specifications for needed improvements. *(Work performed under previous consulting firm)*

Jackson Municipal Airport Authority, Preliminary Engineering and Environmental Assessment of Airport Intermodal Facility, Jackson, MS. Project Design Engineer for development of an Intermodal Facility to address both ground transportation needs and security regulations at the Jackson International Airport. In association with the facility, project will examine alternative facility sites and roadway and transit improvements both on and off the airport property. A major element of the work is the analysis of transit demand for transit service serving travelers and employees and for use of airport as a park and ride site for commuters to other employment centers throughout the Jackson area. Key responsibilities have been development of conceptual design cost estimates for each alternate

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

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

design roadway and facility site configuration. After selection of a package of alternatives addressing the various elements of facility and access, preliminary engineering and environmental assessment of the selected alternative will be completed. *(Work performed under previous consulting firm)*

LA DOTD / City of Denham Springs, LA, W-2-L-1 Canal Improvements. Served as Project Manager. Responsibilities included preparation of engineering design, plans and specifications for 1.5 miles of long channel improvements to W-2-L-1 Canal involving concrete lining, concrete slab span bridge, box culverts etc., under the auspices of the Statewide Flood Control Program; Construction phase responsibilities included oversight and review of Contractor's Pay Estimates, Change Orders, Coordination, etc. *(Work performed under previous consulting firm)*

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)

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:

6 (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 (85074)

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. 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:

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 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

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:

Raul H. Regis, P.E.
Project Engineer

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)

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).

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)

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).

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)

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 superelevation, 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)

I-10 Widening from Siegen Lane to the I-10/I-12 Split, Post Design Services and Geotechnical Support, Baton

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:

Raul H. Regis, P.E.
Project Engineer

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)

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.

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 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)

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) (2009)

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).

TEC Professional Services Questionnaire

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**Name & Title:**

Rolland A. Mura, P.E., B.C.E.E.
Senior Project Manager

Project Assignment:

Environmental Engineer

Name of Firm with which associated:

HEI Hartman Engineering, Inc.
Consulting Engineers

Years' experience with this Firm:

21 (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, Brownfield 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 overseen most of HEI's internal quality control matters on planning projects.

SPN / H.004747 F.A.P. No. STP-3609(518): LADOTD - Lake Forest Blvd. Widening (Eastover to I-510), New Orleans, LA: (2012 – 2016) Mr. Mura provided the Environmental Study (Categorical Exclusion) for the extension (approx. 650') a new westbound section of this urban collector road, approximately 450' west of its interchange with I-510. Responsible for the design and coordination efforts between LADOTD, City of New Orleans, and the Regional Planning Commission. A Categorical Exclusion (CE) was required for this project. *(HEI Project No. 12-092-08)*

DPW Project No. 2005-01A, Oak Street Reconstruction (Leake Ave. to S. Carrollton Ave.), New Orleans, LA: Prepared plans and specifications for 0.5 miles of urban roadway design for new asphalt pavement along with associated utility relocations including water, sewer, and drainage, to revitalize a portion of a historic neighborhood. Construction Management and Resident Inspection were also a part of this project. The project included replacement of the asphalt pavement roadway, driveways and concrete sidewalks, replacement of sewer lines, water lines and drainpipes, installation of Americans with Disabilities Act (ADA) compliant ramps in sidewalks at associated intersections, and new sidewalk benches and bike racks. The new roadway features extended sidewalks at each

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Rolland A. Mura, P.E., B.C.E.E.
Senior Project Manager

intersection to allow more space for greater pedestrian use, to help calm traffic at the intersections and to make the roadway safer to cross. The extension reduced the distance needed to travel by pedestrians crossing the streets and prevents vehicles from parking too close to intersections, which improves visibility at the intersection and assures emergency vehicle access. (HEI Project No. 11-076-02)

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)

Lapalco Blvd. Improvements, DPW Project No. 96-019-RBI, DPW Project No. 96-019D-RBI, 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)

SPN 742-26-0030 & 742-26-003: LA DOTD - Lapalco Boulevard, US 90 to Segnette Boulevard, Jefferson Parish, LA: (1998-2004) Mr. Mura provided the Environmental Study (EA) for this urban systems design of 11,000-feet of a four lane, divided median rural roadway. Project includes drainage, signals, widening of bridge, and addition of shoulders to existing lanes and design of two new lanes, with a new bridge. The estimated construction cost is \$8.0 million. (HEI Project No. 11-014-53)

Stage 0 Feasibility Study Proposed Left Turn Lane on LA 30 at South Purpera Avenue/South Hodgeson Avenue, Ascension Parish, LA: (2014-2015) 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 followed all guidelines from LDOTD's Stage 0 Manual of Standard Practice. (HEI Project No. 12-031-06)

SPN 2007-060-RB: Jefferson Parish - Stage 0 Feasibility Study, Northbound Manhattan Boulevard to Elevated Eastbound West Bank Expressway, Jefferson Parish, LA: (2008 – On hold) Mr. Mura provided the Environmental review for the study of two alternative flyovers at the intersection of Manhattan Boulevard and Westbank Expressway that would allow direct entry to eastbound Westbank Expressway from Northbound Manhattan Boulevard. (HEI Project No. 12-087-03)

SPN 700-55-0101: LADOTD - Hollywood Road (Junc. LA 311 to Junc. LA 3040), Terrebonne Parish, LA: (2004 – 2013) Mr. Mura provided the Environmental Study (EA) for this urban systems project that consisted of providing environmental analysis, evaluation and documentation, preliminary and final plans for the widening of Hollywood Road in the City of Houma. The project began at the junction of LA 311 and ended at the junction of LA 3040. The undivided urban section consisted of 4-3.6 m (12') travel lanes with curb and gutter, and sub-surface drainage. The project was approximately 1.931 km (1.20 miles) in length. Project included modifications to an existing signal and new signal design. (HEI Project No. 12-092-02)

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:**

Emmett (Ike) J. Mayer, Jr., 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:

2 (2020)

Education: Degree(s)/Year/Specialization:

B.S. Civil Engineering 1966
M.S. Civil Engineering 1973

Active registration: Year first registered/discipline:

Active Registration: Year First Registered: 1971
Discipline: Civil State: Louisiana License No.: 12757
Also registered in Nevada (10018)

Other experiences and qualifications relevant to the proposed Project:

Mr. Mayer has over 50 years of experience in the Design and Planning of Hydraulic Structures, Levees, Twalls, and Drainage Pump Stations. Mr. Mayer has been involved with the engineering management of various infrastructure programs and marine projects.

Mr. Mayer was employed by the U.S. Army Corps of Engineers (USCE), New Orleans District, for over 14 years as a supervisory civil engineer and a structural engineer working on various flood control and navigation projects.

New River Pump-to-River, Ascension, Parish – HEI worked with FTN who modified the existing 2D HEC-RAS hydrologic and hydraulic model of the Bayou Manchac and Marvin Braud drainage basins to incorporate the proposed conveyance channel from Bluff Swamp, a detention basin and pump station to pump into the Miss. River. For initial determination of the conveyance size channel size, shape and slope a new 1D HEC-RAS model was developed and utilized. Construction Cost estimated at \$104 million.

Upper LA 45 Pump Station, Design Services for Upper LA 45 Evacuation Route Tidal Surge Protection, (A/E Project No. 20-2014F), Lafitte Parish, LA – This project involved the Upper LA 45 Evacuation Route Basin and tied into the Rosethorne Basin System to the East and the Fischer School Basin to the West. These two basins were constructed prior to the Upper LA 45 Evacuation Route Basin and the design of the Upper LA 45 Basin is in accordance with a 10-year return design flow. The interior pipe network system was designed as a subsurface drainage network. The pipes were buried beneath the ground surface and included drain inlets and manholes. The

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Emmett (Ike) J. Mayer, Jr., P.E.
Structural Engineer

storm water drainage pumping station was designed generally consisting of vertical drainage pumps, the structural elements for the platform including the foundation, sump intake, walls, platform, pedestrian catwalk, stairs, and trash screen. Also, included design for pumps, electrical, discharge pipe, and diesel generator. HEI Project No. 11-118-03

Ascension Parish Floodplain Management Plan Review– HEI provided support for the Floodplain Management Plan (FMP) and assisted the Ascension Parish Government in review of the existing Hydrologic and Hydraulic (H&H) modeling studies completed in Ascension Parish. Models included Marvin Braud, Bayou Manchac, Henderson Bayou, and Bayou Conway Basins. HEI Project No. 12-031-20

Castille Pass Sediment Delivery project located in St. Mary Parish, Louisiana – Project Engineer on the project included hydrodynamic modeling and the design of improvements to the Atchafalaya River Pass Delta Lobe to improve flow to create emergent marsh areas and enhance accretion in Atchafalaya Bay. Construction documents were prepared to improve the diversion of flow and create approximately 450 acres of emergent marsh. The construction documents provided the deepening of existing channels and locating new distributary channels along with construction of retaining dikes. Over two million cubic yards of material were dredged.

Big Island and Atchafalaya Sediment Delivery project. – Mr. Mayer served as Project Engineer on the project and utilized hydraulic dredging operations to open old sediment-clogged channels, the excavation of new distributary channels to create approximately 1,200 acres of productive wetlands. Numeric hydraulic computer models were used to evaluate various channel alignments. Mr. Mayer prepared plans and specifications for 21,000 feet of channels with over 4,120,000 cubic yards of dredged material accomplished with two 20" hydraulic dredges. Mr. Mayer provided construction administration services for the project.

Goose Point/Point Platte Marsh Creation project – Mr. Mayer served as Construction Manager for the project and created approximately 566 acres of new marshland by dredging from Lake Pontchartrain. A total of 49,557 linear feet of containment dikes were constructed to retain the 3.1 million cubic yards of hydraulically dredged material.

Lake Hermitage Marsh Creation and Shoreline Restoration – Mr. Mayer served as Construction Manager on this project. The project will create 550 acres of new marsh with the dredging of over 3.7 million cubic yards of material. Approximately 36,000 linear feet of containment dikes were constructed. Material is dredged from the Mississippi River over a distance of 27,000 feet.

New Orleans Sewage & Water Board 4 MW Emergency Generator Building – Mayer is the Engineer Manager for this project which includes a hurricane safe building design and all associated civil, structural, mechanical, and ancillary equipment and systems. Mr. Mayer was the Project Manager for the complete upgrade and rehabilitation of all mechanical/electrical equipment and systems in South Florida Water Management District's (SFWMD) manually operated S-5A, 6,000 cfs pump station located in Palm Beach County, Florida. The project includes the redesign of main pump rotating assemblies within existing pipe housings, replacement of existing chain drive units with new reduction gear drives and modernizing the 50-year-old engines to achieve EPA Tier compliance and SCADA system to be installed to auto-start all equipment from a central control room.

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Name & Title:

Emmett (Ike) J. Mayer, Jr., P.E.
Structural Engineer

SFWMD project to improve the Pump Station S-127 on Lake Okeechobee – Mr. Mayer was the Engineer Manager for the to design a new intake basin and a manatee friendly raking system along with two-story hurricane resistant command center building and other site improvements.

South Florida Water Management District (SFWMD) – Mr. Mayer also served as Task Engineer Manager for the civil, structural, and mechanical engineering design of 925 cfs vertical pump equipment and two pump stations for STA 3/4 Pump Stations G-370 (3,000 cfs) and G-372 (4,000 cfs). He also was Lead Engineer Manager performing the construction administration of these structures. In addition, he served as Project Manager for the preparation of design- build documents to replace the bearings and shafts and incorporate suction basin rehabilitation work for seven (7) 800cfs drainage pumps at SFWMD Stations S-7 and S-8. He provided engineering support during construction to the district for this project. Mr. Mayer further assisted the SFWMD in its review of Contractor's proposed pump equipment and materials procurement submittals and attended manufacturer witness tests for SFWMD for Pump Stations G-370/G- 372, S-7 and S-8 Intake, S-26B, G-420, and Forward Pumps on Lake Okeechobee.

SFWMD, Major Pumping Station – Mr. Mayer served as the Engineering Manager authoring the promulgation of Engineering Guidelines Manual standard which was completed in 2006. All major pump station designs follow this engineer standard.

Mr. Mayer worked for the international engineering firm of Louis Berger International (Berger Barnard and Thomas, Inc. in Louisiana) for 13 years. During this tenure Mr. Mayer was promoted to be the Chief Operating Officer. Mr. Mayer's experience included the program management of many major projects requiring interfacing with local, state, federal, and foreign governments. While in charge of the New Orleans office, he was Program Manager for over \$100 million of interior drainage improvement in Jefferson and Orleans Parishes including the expansion of the Hero and Planters Pumping Stations, dredging of many miles of interior drainage canals that required land acquisition, relocation of facilities and proper disposal of dredged materials to minimize environmental impacts to the adjacent lands while improving the levees and canal drainage systems. Mr. Mayer was Engineer Manager for the expansion of the Hero Pumping Station from 1,300 cfs to 3,900 cfs and the expansion of the Planters Pumping Station from 1,250 cfs to 2,500 cfs in Jefferson Parish, Louisiana. Both projects consisted of the design of new stations and the expansion of suction and discharge canals to house large low-lift drainage pumps. Two types of pumps were utilized: 1) horizontal axial flow pumps ranging in size from 7 to 14 feet in diameter, and 2) vertical pumps with a capacity of 350 cfs installed in various combinations to meet each station's pumping capacity.

TEC Professional Services Questionnaire

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT**Name & Title:**

David L. Atkins
Designer

Project Assignment:

Roadway Designer

Name of Firm with which associated:

HEI Hartman Engineering, Inc.
Consulting Engineers

Years' experience with this Firm:

7 (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 45+ 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 scales erosion control projects and miscellaneous Airport design.

HIS EXPERIENCE IS AS FOLLOWS:***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).*

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).*

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).*

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:

David L. Atkins
Designer

SPN H.012884, FAP H.012884: Woodmere Blvd. Panel Replacement, Jefferson Parish, LA: Mr. Atkins performed quantity take-offs and QC/QA for this concrete panel replacement project with an expected cost of \$3,000,000. *HEI Project No. 12-092-13*

C. Braud Road Safety Widening, Ascension Parish, LA: Approx. 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*

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*

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. *(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).*

TEC Professional Services Questionnaire

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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:

12 (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, wastewater treatment plants, 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.

SFL-C-003, 11-PS-MS-0026, City of Baton Rouge Sewer Program, (Multiple Pump Stations, Burbank Drive – Siegen Lane) 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. 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

DPW Project No. 2001-046F-DR(SELA), Harahan 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' long Suction canal; a 1,200 cfs pumping station; Three 9,000' long 84" 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

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:

Sushil K. Jain, P.E.
Structural Engineer

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

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)

DPW Project No. 2009-039-DR, Sauve Road Drainage Improvements, Jefferson Parish, LA. Provide A/E services (design and construction administration) for subsurface drainage improvements to the Sauve Road area in River Ridge, LA on the east bank of Jefferson Parish. The work consisted of construction of a drainage pump station with two 9,000 gpm pumps, associated discharge piping, gravity drain installations, and street work and utility adjustments. The work included: Directionally drilled 2,500 LF of 30” DR11 and 36” DR11 HDPE lines with installation of accompanying required valves; Mississippi River levee crossings to a river outfall; Installation of standby generator w/transfer switch gear. HEI Project No. 13-014-77

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 3 – 84” diameter culvert crossing at Airline Highway and KCS Railroad to accommodate Hoey’s By-pass; and modified transition structures that combines flows from Hoey’s By-pass and Monticello Canal. The professional services required of the ENGINEER include conceptual engineering and design, preliminary drawing preparation, surveying and mapping the project site, incorporating utility relocation into the design documentation, determining ROW and permitting 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

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: HEI Project No. 11-023-06

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:

Sushil K. Jain, P.E.
Structural Engineer

- 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

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

TEC Professional Services Questionnaire

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**Name & Title:**

Gavin Fleming
Construction Manager

Project Assignment:

Construction Manager

Name of Firm with which associated:

HEI Hartman Engineering, Inc.
Consulting Engineers

Years' experience with this Firm:

1 (2023)

Education: Degree(s)/Year/Specialization:

Louisiana State University, Baton Rouge, La
Bachelor of Science, Construction Management, 2008

Active registration: Year first registered/discipline:

Active Registration: Year First Registered: N/A
Discipline: State: License No.:

Other experiences and qualifications relevant to the proposed Project:

Mr. Fleming has 15 years of Construction Management experience. Responsibilities include managing office personnel, meeting clients, estimating/budgeting projects, interpreting project documents, managing and analyzing projects. Construction Markets include Commercial and Municipal.

Florence Street Drainage Improvements, Paillet Ave. to Brown Ave. Canal (PWP No. 2020-004-DR), Jefferson Parish, LA: HEI is providing professional engineering services for Design and Construction Administration. This project includes the installation of approximately 300 ft. of 54" RCP, and 400 ft. of 60" RCP along Florence Street between Paillet Avenue and the Brown Avenue Canal, including catch basins, manholes, outfall, street replacement, mill, and overlay of roadway, relocations of utilities that interfere with the construction, and other incidentals.
(HEI Project No. 11-014-98)

Veterans Memorial Blvd. Multi-Use Path and Improvements, DPW No. 2021-011-RB Jefferson Parish, LA: The project consists of designing an ADA compliant bicycle and pedestrian path, signage for the Lafreniere Park Entrance, landscaping, locations for art and sculptures, cross corridor pedestrian access, and application of complete street policy on Veterans Memorial Blvd. to N. Scenic Drive. This project includes a proposed bike path along Downs Blvd from Veterans Memorial Blvd. to N. Scenic Dr., approximately 180-ft into Lafreniere Park from the park entrance.
(HEI Project No. 11-014-102)

Rosehill Construction - Project Manager for construction of multi-story storage buildings.

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Gavin Fleming
Construction Manager

Awarded Construction Contracts

| | |
|--|---|
| North Caddo Medical Center Vivian, LA \$19,762,000 | Drew Memorial Hospital Monticello, AR \$18,526,000 |
| Center Municipal Auditorium - Remodel Shreveport, LA \$3,699,500 | Wal-Mart Neighborhood Market Mandeville, LA \$4,200,000 |
| Lone Star College – Central Plant Montgomery, TX \$3,150,000 | Good Shepherd Medical Center Longview, TX \$3,413,000 |
| First United Methodist Church Minden, LA \$3,012,100 | Christus NICU Shreveport, LA \$2,900,000 |
| Red River High School Athletic Complex Coushatta, LA \$2,259,000 | TRMC – Women's Clinic Thibodeaux, LA \$2,230,000 |
| Eldorado Buffet Remodel Shreveport, LA \$2,200,000 | Waller Convenience Store Minden, LA \$1,198,883 |
| Aveda Institute Lone Star College – Greens point Austin, TX Houston, TX \$1,858,000 | Lone Star College – Greens point Houston, TX \$ 1,229,000 |
| Wal-Mart Super Center Remodel Lake Charles, LA \$1,255,000 | Chamberlain School of Nursing Lake Charles, LA Houston, TX \$911,407 |
| Kroger 381 Alexandria, LA \$997,800 | Raceway Gas Station Cocoa, FL \$1,290,000 |
| | |

TEC Professional Services Questionnaire

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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:**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:

Mr. Guidry first started with HEI as an engineering intern in 2016. He began full-time after graduating in 2018, and also gained his E.I. license that year. Mr. Guidry has experience in Roadway/Highway, Drainage, and Sewer projects, with many of the projects including safety widening and intersection improvements.

Intersection Improvements (Veterans Blvd. – Bonnabel Blvd.) JP Parish Project 2017-028-RBP, Jefferson Parish, LA: 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

Oakwood Smart Growth – Whitney Ave.(Hector St. to Cook St. & West Bank Expwy.) (Milton St. to Terry Pkwy.) Parish Project No. 2017-057A-RBP, Jefferson Parish, LA: The project consists of sidewalk and bike path improvements on streets surrounding the Oakwood Center, intersection improvements at Terry Pkwy. And Wright Ave., constructing a box culvert to provide a cross-over on Wright Ave., and restriping of Wright Ave. from Terry Pkwy. to Hector St., including re-striping of the modified intersections. (HEI Project No. 11-014-94)

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

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

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

Public Works No. 2017-046-RBP – Lapalco Blvd. Bridge over Harvey Canal – Jefferson Parish, LA: Mr. Guidry is project engineer. HEI is providing all Roadway Design services for Eastbound and Westbound roadways to install a new Westbound bridge crossing Harvey Canal. (HEI Project No. 11-014-53-86)

SPN H.012914.5, LADOTD - Task Order – LA 3073: Ambassador @ Bonin Improvements, IDIQ Contract for Pavement Preservation Services with Majority of Work in Districts 02, 03, 07, 61, and 62: HEI's responsibilities will include extending existing turn lanes to LA 89 and LA 3073. Extend the eastbound and westbound left turn lanes on LA 3073 and remove island between the left turn lane and the through lanes. Also, extend the eastbound and westbound right turn lanes on LA 3073. The widening of roadway and the median modifications in appropriate locations are to meet design standards. HEI Project No. 12-092-14z

Roosevelt Blvd. Roadway Improvements – W. Metairie Ave. to W. Napoleon Ave., S.P.N. H.615120, City of Kenner, LA: Project improvements include the reconstruction of Roosevelt Boulevard from W. Napoleon Avenue to W. Metairie Avenue. Work comprises of the following: pavement removal and replacement, drainage lateral replacement, curb inlet adjustments, drainage trunkline repairs, roadway cross-slope correction, driveway replacement (to R/W), minor sidewalk adjustments (at driveways), and removal of median trees. (HEI Project No. 11-011-88)

RR056 Gentilly Terrace Group F – Project No. 2021-RR056 (DPW FEMA PW No. 21032) City of New Orleans, LA: HEI is responsible for performing design engineering services and construction administration services for FEMA-eligible roadway repairs on assigned streets within RR056 Gentilly Terrace Group F neighborhoods. Includes replacing damaged underground water, sewer, and drainage lines, repaving the roadway, replacing, replacing damaged sidewalks and driveway aprons, and installing ADA compliant curb ramps at intersections. (HEI Project No. 11-076-10)

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

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

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:**

Madeline M. Bourgeois, E.I.
Project Engineer

Project Assignment:

Project Design

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., 2019, Civil Engineering, Louisiana State University, Baton Rouge, LA

Active registration: Year first registered/discipline:

Active Registration: Year First Registered: 2021

Discipline: Engineer Intern State: Louisiana License No.: EI34782

Other experiences and qualifications relevant to the proposed Project:

Ms. Bourgeois just started with HEI as an engineering intern in 2021. She began full-time in January 2022. Ms. Bourgeois has experience in Roadway/Highway projects, with these projects including safety widening and intersection improvements.

SPN H. SPN H.014100.5, LADOTD - Task Order – LA 408: I-110 End of Concrete Section (Hooper Rd.), IDIO Contract for Pavement Preservation Services with Majority of Work in Districts 02, 03, 07, 61, and 62: The project includes concrete panel replacement and composite pavement repair along the travel lanes of LA 408 from 565- ft west of the CL of the I-110 overpass up to the end of concrete section (and including the intersection of LA 410 and LA 408). The Project also includes curb repair as needed. HEI Project No. 12-092-14a

SPN H.0141112, LADOTD - Task Order – LA 16, IDIO Contract for Pavement Preservation Services with Majority of Work in Districts 02, 03, 07, 61, and 62: HEI's responsibilities will include removing the existing storm drain system and replace with a larger system. Also, to reduce head losses and sedimentation by removing the 90° angle in the system and implement uniformity in pipe size where applicable. These improvements will help prevent the flooding of LA 16 by adding a properly sized system with reduced head losses and in addition helping to eliminate flooding possibilities for the businesses fronting LA 16. HEI Project No. 12-092-14b

SPN H.012914.5, LADOTD - Task Order – LA 3073: Ambassador @ Bonin Improvements, IDIO Contract for Pavement Preservation Services with Majority of Work in Districts 02, 03, 07, 61, and 62: HEI's responsibilities will include extending existing turn lanes to LA 89 and LA 3073. Extend the eastbound and westbound left turn lanes on LA 3073 and remove island between the left turn lane and the through lanes. Also, extend the eastbound and westbound right turn lanes on LA 3073. The widening of roadway and the median modifications in appropriate locations are to meet design standards. HEI Project No. 12-092-14z

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:

Madeline M. Bourgeois, E.I.
Project Engineer

Roosevelt Blvd. Roadway Improvements – W. Metairie Ave. to W. Napoleon Ave., S.P.N. H.615120, City of Kenner, LA: Project improvements include the reconstruction of Roosevelt Boulevard from W. Napoleon Avenue to W. Metairie Avenue. Work comprises of the following: pavement removal and replacement, drainage lateral replacement, curb inlet adjustments, drainage trunkline repairs, roadway cross-slope correction, driveway replacement (to R/W), minor sidewalk adjustments (at driveways), and removal of median trees. (HEI Project No. 11-011-88)

SPN H. 014316 LADOTD – Lapalco Blvd. Phase 2, - Tanglewood to Victory - Jefferson Parish, LA: Project Engineer for the widening of this major arterial 2 lane section Urban Systems Project from 2 lanes to a 2-lane boulevard section. Ms. Bourgeois has an active role participating in design. The Project is approximately 0.7 miles and includes a 2-lane section from 1 lane to a 2-lane boulevard utility relocation, temporary traffic control and a new signal. (HEI Project No. 11-014-53-06)

Veterans Memorial Blvd. Multi-Use Path and Improvements, DPW No. 2021-011-RB Jefferson Parish, LA: The project consists of designing an ADA compliant bicycle and pedestrian path, signage for the Lafreniere Park Entrance, landscaping, locations for art and sculptures, cross corridor pedestrian access, and application of complete street policy on Veterans Memorial Blvd. to N. Scenic Drive. This project includes a proposed bike path along Downs Blvd from Veterans Memorial Blvd. to N. Scenic Dr., approximately 180-ft into Lafreniere Park from the park entrance. (HEI Project No. 11-014-102)

RR056 Gentilly Terrace Group F – Project No. 2021-RR056 (DPW FEMA PW No. 21032) City of New Orleans, LA: HEI is responsible for performing design engineering services and construction administration services for FEMA-eligible roadway repairs on assigned streets within RR056 Gentilly Terrace Group F neighborhoods. Includes replacing damaged underground water, sewer, and drainage lines, repaving the roadway, replacing, replacing damaged sidewalks and driveway aprons, and installing ADA compliant curb ramps at intersections. (HEI Project No. 11-076-10)

Move Ascension Program – Roddy Road – Clearing and Grubbing: US 61 to LA 935, Project No. MA-1702-A, Ascension Parish, LA: This project consisted of the Clearing, grubbing, and removal and installation of fence for future safety widening of Roddy Road. HEI provided Resident Inspection Services to ensure that the project was built in accordance with the plans and specs. (HEI Project No. 12-031-13-02)

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:**

Jordan E. LeBas, E.I.
Project Engineer

Project Assignment:

Project Design

Name of Firm with which associated:

HEI Hartman Engineering, Inc.
Consulting Engineers

Years' experience with this Firm:

1 (2023)

Education: Degree(s)/Year/Specialization:

B.S., 2021, Civil Engineering, Louisiana State University, Baton Rouge, LA

Active registration: Year first registered/discipline:

Active Registration: Year First Registered: 2023

Discipline: Engineer Intern State: Louisiana License No.: EI35548

Other experiences and qualifications relevant to the proposed Project:

Mr. LeBas just started with HEI as an engineering intern in 2023. Mr. LeBas has been in training with HEI since being employed at the beginning of 2023 with gaining knowledge in Roadway/Highway projects, Levee projects, and Drainage projects. Recently gaining his E.I. licenses.

Bedico-Faubourg Interconnect 12-inch Waterline, St. Tammany Parish, LA: Prepare Construction Plans and Specifications, Bidding and Construction Management Services for 5,000 LF of 12" Waterline Extension. This project will connect two different water systems. (HEI Project No. 12-126-02)

Roosevelt Blvd. Roadway Improvements – W. Metairie Ave. to W. Napoleon Ave., S.P.N. H.615120, City of Kenner, LA: Project improvements include the reconstruction of Roosevelt Boulevard from W. Napoleon Avenue to W. Metairie Avenue. Work comprises of the following: pavement removal and replacement, drainage lateral replacement, curb inlet adjustments, drainage trunkline repairs, roadway cross-slope correction, driveway replacement (to R/W), minor sidewalk adjustments (at driveways), and removal of median trees. (HEI Project No. 11-011-88)

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:**

Robert (John) Guidry
Project Engineer Intern

Project Assignment:

Project Design

Name of Firm with which associated:

HEI Hartman Engineering, Inc.
Consulting Engineers

Years' experience with this Firm:

1 (2023)

Education: Degree(s)/Year/Specialization:

B.S., 2022, Civil Engineering, University of New Orleans, New Orleans, LA

Active registration: Year first registered/discipline:

Active Registration: Year First Registered: N/A

Discipline: State: _ License No.:

Other experiences and qualifications relevant to the proposed Project:

Mr. Guidry just started with HEI as an engineering intern in 2023. Mr. Guidry has been in training with HEI since being employed at the beginning of 2023 with gaining knowledge in Roadway/Highway projects, Levee projects, and Drainage projects.

Roosevelt Blvd. Roadway Improvements – W. Metairie Ave. to W. Napoleon Ave., S.P.N. H.615120, City of Kenner, LA: Project improvements include the reconstruction of Roosevelt Boulevard from W. Napoleon Avenue to W. Metairie Avenue. Work comprises of the following: pavement removal and replacement, drainage lateral replacement, curb inlet adjustments, drainage trunkline repairs, roadway cross-slope correction, driveway replacement (to R/W), minor sidewalk adjustments (at driveways), and removal of median trees. (HEI Project No. 11-011-88)

Oakwood Smart Growth – Whitney Ave.(Hector St. to Cook St. & West Bank Expwy.) (Milton St. to Terry Pkwy.) Parish Project No. 2017-057A-RBP, Jefferson Parish, LA: The project consists of sidewalk and bike path improvements on streets surrounding the Oakwood Center, intersection improvements at Terry Pkwy. And Wright Ave., constructing a box culvert to provide a cross-over on Wright Ave., and restriping of Wright Ave. from Terry Pkwy. to Hector St., including re-striping of the modified intersections. (HEI Project No. 11-014-94)

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:

25 (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. Mr. Urquhart is experienced in AutoCAD drafting/designing, ESRI ArcView/GIS mapping and database, extraction of GPS survey data for use in mapping via ArcView/GIS, illustrations, and renderings.

Intersection Improvements (Veterans Blvd. – Bonnabel Blvd.) JP Parish Project 2017-028-RBP, Jefferson Parish, LA: Mr. Urquhart provided all drafting services 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)

LADOTD SP 742-26-0033; Lapalco Blvd. Improvements, Jefferson Parish, LA: Mr. Urquhart provided drafting services for the widening of 7 miles of major urban/rural multilane arterial. Also provided all drafting services for high level bridge and widening of existing bridge. (HEI Project #11-014-53)

C. Braud Road Safety Widening, Ascension Parish, LA: Approx. 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)

SPN H.009320/F.A.P. H009320: Acadian Roundabout, Route LA 20 (Canal Boulevard) and Local Routes (Back St., Jackson St., Thompson Place), LaFourche Parish, LA: Performed CAD services for design of a traditional shaped dual lane 5 legged roundabout at the intersection of LA 20 and Jackson St. in Thibodaux, LA. The improvements include roadway widening, valve engineering, utility relocations, drainage design, geometric design, extensive phasing and temporary traffic control. Design will conform to EDSM V1.11.6., and current 2017 roadway design guidelines. (HEI Project No. 12-092-09)

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

Soniat Canal Improvements, DPW Project No. 97-046A-DR(SELA), Jefferson Parish, LA.: Federally funded project under the Southeast Louisiana Urban Flood Control (SELA) program that involves improving drainage along a major north-south running drainage canal via hydraulic studies, DDRs, design, geotechnical investigations, preparation of plans and specifications, construction management and resident inspection. Mr. Urquhart provided drafting services. (HEI Project No. 11-014-55)

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. Mr. Urquhart provided drafting services. (HEI Project No. 13-014-78)

JP Project No. 2010-058-ST Manhattan Blvd. Resurfacing (Lapalco to Harvey Blvd.) : Mr. Urquhart provided all drafting services on the preliminary and final plans and specifications to mill an overlay Manhattan Blvd. Design includes mill and overlay asphaltic concrete, and concrete panel replacement. (HEI Project No. 12-087-03)

State Project No. 004747, F.A.P. No. STP-3609-(518), Lake Forest Blvd (I-510-Eastover), Orleans Parish, LA: Provided CADD services for the extension (approx. 650') a new westbound section of this urban collector road, approximately 450 ft west of its interchange with I-510. Responsible for the design and coordination efforts between LADOTD, City of New Orleans, and the Regional Planning Commission. (HEI Project No. 12-092-08)

NOLA Motorsports Park, Laney Chouest (Owner), Jefferson Parish, LA.: Provided drafting 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 LFT), 8" sanitary sewer (12,345 LFT), multiple pump stations with force mains (11,400 LFT), various sized storm drainage facilities (15,150 LFT); and an overall site grading plan. (HEI Project No. 13-115-01)

Stage 0 report for CMAQ funding for LA 30 and Purpera Intersections (Stage 0 Report for Cornerview Mill and Overlay), City of Gonzales, LA.: The purpose of this study is to develop and evaluate a left turn lane for traffic safety and efficient traffic movement at the intersection of LA 30 and Purpera in the City of Gonzales. The consultant will examine two alternatives: the first involves the use of traditional Transportation System Management (TSM) improvements such as the installation of a left turn lane. The second is a no build option. Both alternatives will be compared based upon overall traffic efficiency, safety, and costs. Mr. Urquhart provided drafting services for this study. (HEI Project No. 12-031-06)

AIP 3-22-006-81 SPN 917-01-082: Baton Rouge Metropolitan Airport - Blount Road Relocation, East Baton Rouge Parish, LA.: Mr. Urquhart provided drafting services for the preparation of preliminary and final construction plans, specifications, and Regulatory Bridge Permit for Cypress Bayou (USACE Nationwide Permit) to relocate 3500 feet of a 2-lane minor arterial roadway, which included the design of a 300 foot Type II PPC Girder Bridge with precast concrete piles, horizontal and vertical alignment, and hydraulic design of storm sewers and cross drains. (HEI Project No. 12-093-06)

SPN H.004957, I-12 to Bush Corridor LA3241 (I-12 to LA36) St. Tammany Parish, LA.: The project improvements include preliminary design of a rural arterial (RA-3) 4-lane corridor with a raised median. The corridor is primarily a control-of-access route featuring bridge and intersection design. HEI provides consultant coordination and project

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

management, QA/QC coordination, geometric roadway and intersection design, drainage design, roadway modeling via InRoads software, specifications review and preparation, construction cost estimate and quantity take-offs preparation. Mr. Urquhart provided drafting services. (HEI Project No. 12-092-10)

LADOTD SP 742-55-0002 (Construction); Hollywood Road (Junction LA 311 to Junction LA 3040), Terrebonne Parish, LA.: Currently revising 100% plans for 1.931 m undivided urban section, 4-3.6 m travel lanes with curb & gutter, subsurface drainage, and signal improvements. Revising plans to reflect current 2006 specifications and bid items. Mr. Urquhart is providing drafting services. (HEI Project No. 12-092-02)

LADOTD SP 023-06-0060 (Construction), US167, N. Hodge to Quitman, Jackson Parish, LA.: Mr. Urquhart provided drafting services in the preparation of plans for 90% - 100% submittal, which included quantity computations, cross section review/adjustments, review of horizontal and vertical alignment, typical section revisions, plan/profile revisions, hydraulic design check, PPC girder bridges, sequence of construction revisions, and final cost estimates. HEI is providing engineering services during construction. (HEI Project No. 12-092-07)

One Bridge Crossing Replacement (Roundtree Road), Ascension Parish, LA.: Mr. Urquhart provided drafting services to demo existing timber bridge and replace with new concrete slab span bridge. (HEI Project No. 12-031-03)

LA 30 at Purpera Intersection Improvements, LADOTD S.P.N. H.0011490, Ascension Parish, LA.: This project includes intersection improvements for traffic safety and efficient traffic movement at LA 30 and Purpera Avenue in the City of Gonzales. The proposed improvements include widening LA 30 to provide room for constructing a left turn lane for eastbound traffic. An improved striping plan, potential drainage improvements, removal of a commercial driveway, and new pavement are all incidental improvements to the proposed work. (HEI Project No. 12-031-07)

Carey Street Resurfacing, City of Slidell, LA.: Design and bidding services for the resurfacing of Carey Street in the City of Slidell. The project limits are Carey Street between Brakefield Street and the bridge at Bayou Pattasat. The length of the project is approximately 255 feet and consists of milling the existing street surface and placing an asphalt overlay as well as miscellaneous drainage improvements. (HEI Project No. 12-090-10)

Gathright Street Extension, City of Lafayette, LA.: Design and construction administration for the extension of Gathright Street to connect to Carolyn Drive. The project consisted of approximately 20 feet of asphalt roadway with miscellaneous drainage and grading improvements. (HEI Project No. 13-113-01)

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:

**Intersection Improvements
(Veterans Boulevard and
Bonnabel Boulevard)
PWP No. 2017-028-RBP**

Jefferson Parish, LA
(HEI Project No. 11-014-95)

Jefferson Parish
Dept. of Engineering
1221 Elmwood Park Blvd., Suite 802
Jefferson, LA 70123

Project Manager:
Mark Drewes, P.E.
504-736-6500
mdrewes@jeffparish.net



BEFORE



AFTER

The project includes adding a single sweeping left turn lane from eastbound Veterans Blvd. to northbound Bonnabel Blvd., adding dual sweeping left turn lanes from westbound Veterans Blvd. to southbound Bonnabel Blvd., relocating the existing northbound Bonnabel Blvd. U-turn 125 feet to the north, and relocating the existing southbound Bonnabel Blvd. U-turn 100 feet to the south. Also, relocate the existing Veterans Boulevard U-turn on the west side of the intersection and add additional landscaping in the median of Veterans Blvd. near Aurora Avenue. A new traffic signal was designed for new turning movements and a future bike path.

% of work performed in LA: 100%

Firm's Responsibility: Prime

Key Staff on Project:

- Jared B. Monceaux, P.E. (Project Manager)
- Tony R. Tramel, P.E. (Traffic Engineer)
- Danielle B. Connelly, P.E. (Project Engineer)
- Connor D. Guidry, E.I. (Project Engineer)
- Stephen F. Urquhart (CAD)

Completion Date (Actual or estimated):

Estimated Cost:

Entire Project:

Work for which Firm was responsible:

Start Date: March 7, 2018 (NTP)

\$1,500,000 (Construction)

\$256,000 (Fee)

End Date: 2020

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>Lapalco Blvd. Improvements, Phase I (Victory Dr. to Westwood Dr.), SPN 742-26-0033 H.007175 F.A.P. No. 61301(010),</p> <p>Jefferson Parish, LA <small>(HEI Project No. 11-014-53)</small></p> <p>Jefferson Parish Dept. of Public Works 1221 Elmwood Park Blvd. Jefferson, LA 70123</p> <p>Project Manager: Mark Drewes, P.E. 504-736-6500 mdrewes@jeffparish.net</p>  |  <p>Preliminary and final construction plans for 0.8 miles of road widening, drainage improvements, wetland delineation and jurisdictional determination, public outreach and public hearings, regulatory agency coordination, permitting (404 from COE, Coastal Use from LDNR, Water Quality Certification from LDEQ), and wetland mitigation.</p> <p>% of work performed in LA: 100%</p> <p>Firm's Responsibility: Prime</p> <p><u>Key Staff on Project:</u></p> <ul style="list-style-type: none"> • Jared B. Monceaux, P.E. (Project Manager) • Tony R. Tramel, P.E. (Traffic Engineer) • Sundararaja C. Rao, P.E. (Lead Design Engineer) • Danielle B. Connelly, P.E. (Project Engineer) • Stephen F. Urquhart (Drafting) | | | | | |
| <p>Completion Date (actual or estimated):</p> | <p>Estimated Cost:</p> <table border="1" data-bbox="561 1570 1575 1642"> <thead> <tr> <th data-bbox="561 1570 1075 1642">Entire Project:</th> <th data-bbox="1075 1570 1575 1642">Work for which Firm was responsible:</th> </tr> </thead> <tbody> <tr> <td data-bbox="561 1642 1075 1764">\$14,600,000 (Construction)</td> <td data-bbox="1075 1642 1575 1764">\$ 500,000 (Fee)</td> </tr> </tbody> </table> | | Entire Project: | Work for which Firm was responsible: | \$14,600,000 (Construction) | \$ 500,000 (Fee) |
| Entire Project: | Work for which Firm was responsible: | | | | | |
| \$14,600,000 (Construction) | \$ 500,000 (Fee) | | | | | |
| <p>Start Date: 1998</p> <p>End Date: 2016</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>Lapalco Blvd. Improvements, (Tanglewood to Victory Drive) SPN H.014316, DPW No. 97-025-RB Jefferson Parish, LA <small>(HEI Project No. 11-014-53-86)</small></p> <p>Jefferson Parish Dept. of Engineering 1221 Elmwood Park Blvd., Suite 904 Jefferson, LA 70123</p> <p>Project Manager: Mark Drewes, P.E. 504-736-6500 mdrewes@jeffparish.net</p>  |  <p>Preliminary and Final construction plans for 0.8 miles of road widening (from 4-6 lanes), drainage improvements, new signalized intersection, wetland, delineation and jurisdictional determination, public outreach and public hearings, regulatory agency coordination, permitting (404 form COE, Coastal Use from LDNR, Water Quality Certification from LDEQ), and wetland mitigation. HEI provided Project Management, Environmental, Roadway and Traffic Engineering.</p> <p>% of work performed in LA: 100%</p> <p>Firm's Responsibility: Prime</p> <p>Key Staff on Project:</p> <ul style="list-style-type: none"> • Jared B. Monceaux, P.E. (Project Manager) • Tony R. Tramel, P.E. (Traffic Engineer) • Rolland A. Mura, P.E. (Environmental Engineer) • Sundararaja C. Rao, P.E. (QC/QA) • Danielle B. Connelly, P.E. (Lead Project Engineer) • Connor D. Guidry, E.I. (Project Engineer) • Stephen F. Urquhart (Drafting) | |
| <p>Completion Date (actual or estimated):</p> | <p>Estimated Cost:</p> | |
| <p>Start Date: 1998</p> <p>End Date: 2022</p> | <p>Entire Project:</p> <p>\$10,000,000 (Const.)</p> | <p>Work for which Firm was responsible:</p> <p>\$ 900,000 (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. 4

| | | |
|--|---|--|
| <p>Project Name, Location and Owner's contact information:</p> | <p>Nature of Firm's Responsibility:</p> | |
| <p>Lapalco Blvd. Bridge over Harvey Canal Public Works No. 2017-046-RBP Jefferson Parish, LA (HEI Project No. 11-014-53-86)</p> <p>Jefferson Parish Dept. of Engineering 1221 Elmwood Park Blvd., Suite 904 Jefferson, LA 70123</p> <p>Project Manager : Mark Drewes, P.E. 504-736-6500 mdrewes@jeffparish.net</p>   |  <p>HEI is providing all Roadway Design services for Eastbound and Westbound roadways to install a new Westbound bridge crossing Harvey Canal.</p> <p>% of work performed in LA: 100%</p> <p>Firm's Responsibility: Sub Consultant to Hardesty & Hanover</p> <p>Key Staff on Project:</p> <ul style="list-style-type: none"> • Jared B. Monceaux, P.E. (Project Manager) • Tony R. Tramel, P.E. (Traffic Engineer) • Rolland A. Mura, P.E. (Environmental Engineer) • Sundararaja C. Rao, P.E. (QC/QA) • Danielle B. Connelly, P.E. (Project Engineer) • Connor D. Guidry, E.I. (Project Engineer) • Stephen F. Urquhart (Drafting) | |
| <p>Completion Date (actual or estimated):</p> | <p>Estimated Cost:</p> | |
| <p>Start Date: 1998</p> <p>End Date: 2024 est.</p> | <p>Entire Project:</p> <p>\$87,302,000 (Const.)</p> | <p>Work for which Firm was responsible:</p> <p>\$ 500,000 (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:

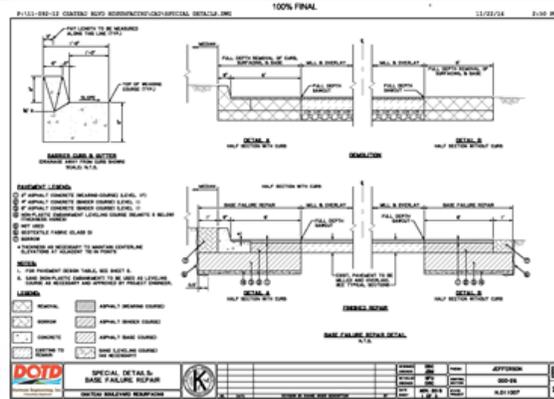
Description of Services Provided:

**Chateau Blvd. Resurfacing
(W. Esplanade Ave. to Vintage Dr.), Project No. 2014-007-RB,
Contract No. 4400005982,
State Project No. H.011007.5**

Kenner, LA
(HEI Project No. 12-092-12)

Louisiana DOTD
1201 Capitol Access Road
Baton Rouge, LA 70802

Project Manager:
Jason Lacombe, P.E.
225-379-1046
Jason.Lacombe@la.gov



Design of a resurfacing project for 0.75 miles of a boulevard section, which included Milling and Asphalt Concrete Overlay, Base Course Replacement, and Curb and Gutter Replacement

% of Work Performed in LA: 100%

Firm's Responsibility: Prime

Key Staff on Project:

- Jared B. Monceaux, P.E. (Project Manager)
- Sundararaja C. Rao, P.E. (QA/QC Engineer)
- Danielle B. Connelly, P.E. (Lead Design Engineer)
- Connor D. Guidry, E.I. (Project Engineer)
- Stephen F. Urquhart (Drafting)

Completion Date (actual or estimated):

Estimated Cost (in thousands):

Start Date: 2016

Entire Project:

Work for which Firm was responsible:

End Date: 2017

\$1,200,000 (Construction)

\$80,000 (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. 6

| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
|--|--|---|
| <p style="text-align: center;">Hickory Avenue (LA 48 - Mounes), Rt LA 3154, SPN 700-26-0234 826-44-0027</p> <p style="text-align: center;">Jefferson Parish, LA <small>(HEI Project No. 12-092-06)</small></p> <p style="text-align: center;">Louisiana DOTD 1201 Capitol Access Road Baton Rouge, LA 70802</p> <p style="text-align: center;"><i>Project Manager:</i> Brent Waguespack, P.E. 225-379-1524 Brent.Waguespack@la.gov</p>  |  <p>Provide engineering and surveying services required to prepare preliminary and final construction plans for LA 3154; four lane urban divided highway with a subsurface drainage system; constructed within existing right-of-way. Design included vertical and horizontal alignment, hydraulic design, quantity computations, coordination between U.S. Army Corps of Engineers <i>Pump to the River</i> project and Entergy's Transmission Towers, and corrections to reflect current 2006 specifications and current bid items.</p> <p>% of work Performed in LA: 100%</p> <p>Firm's Responsibility: Prime</p> <p>Key Staff on Project:</p> <ul style="list-style-type: none"> • Jared B. Monceaux, P.E. (Project Manager) • Sundararaja C. Rao, P.E. (Lead Design Engineer) • Danielle B. Connelly, P.E. (Project Engineer) • Stephen F. Urquhart (Drafting) | |
| <p>Completion Date (Actual or estimated):</p> | Estimated Cost: | |
| | Entire Project: | Work for which Firm was responsible: |
| <p>Start Date: November 2000</p> <p>End Date: Ongoing</p> | \$10,062,000 (Construction) | \$541,000 (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.

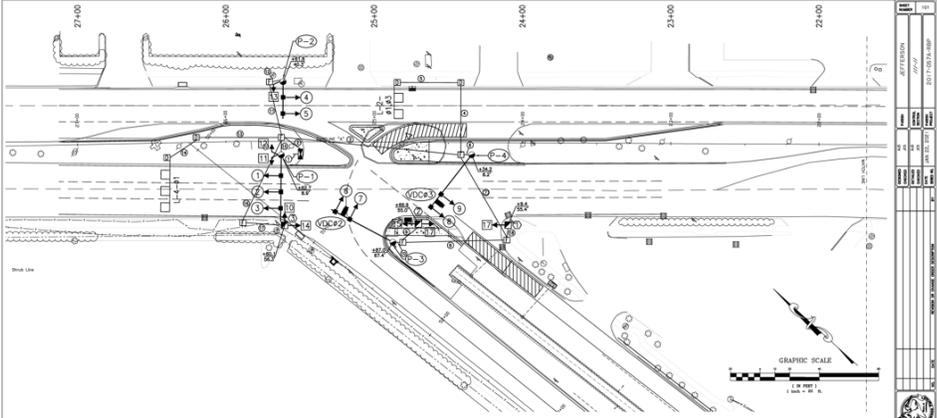
PROJECT NO. 7

| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
|---|---|---|
| <p>Wall Boulevard Reconstruction, P.W. No. 2005-056-RB,</p> <p>Jefferson Parish, LA (HEI Project No. 11-014-62)</p> <p>Jefferson Parish Dept. of Public Works 1221 Elmwood Park Blvd. Jefferson, LA 70123</p> <p><i>Project Manager:</i> Barry Simms 504-736-6819 bsimms@jeffparish.net</p>  |  <p>Responsible for plans and specifications necessary to reconstruct a 4,000-foot segment of minor arterial roadway. Design includes vertical and horizontal alignment and drainage per LADOTD specifications. Firm's Role: Provided engineering services during bid and construction phases of project.</p> <p>% of work Performed in LA: 100%</p> <p>Firm's Responsibility: Prime</p> <p>Key Staff on Project:</p> <ul style="list-style-type: none"> • Jared B. Monceaux, P.E. (Project Engineer) • Stephen F. Urquhart (Drafting) | |
| <p>Completion Date (Actual or estimated):</p> | <p>Estimated Cost:</p> | |
| <p>Start Date: 2007</p> <p>End Date: 2009</p> | <p>Entire Project:</p> <p>\$3,586,000 (Construction)</p> | <p>Work for which Firm was responsible:</p> <p>\$185,500 (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.

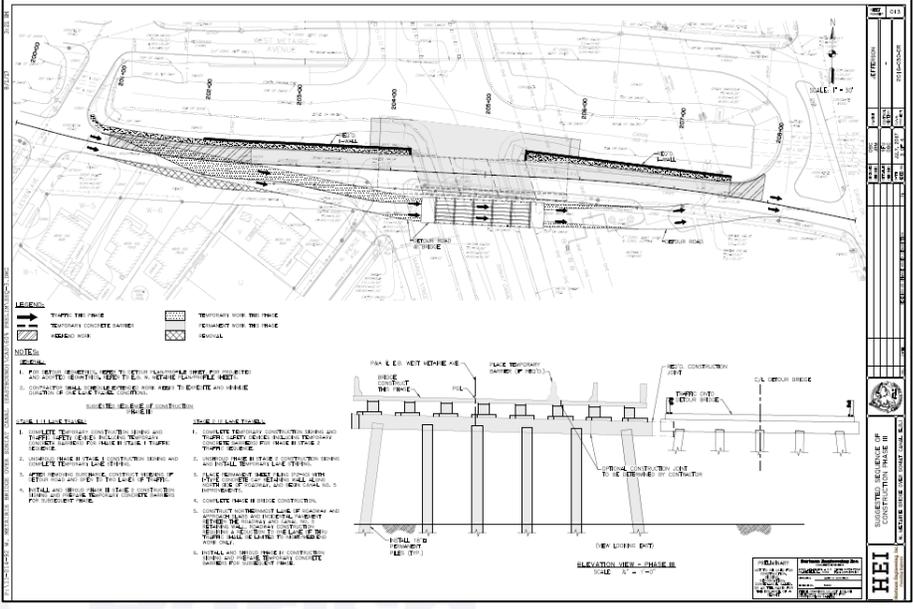
PROJECT NO. 8

| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
|---|--|---|
| <p>Oakwood Smart Growth – Whitney Ave. (Hector St. to Cook St. & West Bank Expwy.) (Milton St. to Terry Pkwy.) Parish Project No. 2017-057A-RBP</p> <p>Jefferson Parish, LA (HEI Project No. 11-014-94)</p> <p>Owner: Jefferson Parish 1221 Elmwood Park Blvd. Joseph Yenni Bldg, Suite 904 Jefferson, LA 70123</p> <p>Project Manager : Gabriel Arias, P.E. 504-799-1244 gabriel.arias@aecom.com</p>  |  <p>The project consists of sidewalk and bike path improvements on streets surrounding the Oakwood Center, intersection improvements at Terry Pkwy. And Wright Ave., constructing a box culvert to provide a cross-over on Wright Ave., and restriping of Wright Ave. from Terry Pkwy. to Hector St., including re-striping of the modified intersections.</p> <p>% of work performed in LA: 100%</p> <p>Firm's Responsibility: Prime</p> <p>Key Staff on Project:</p> <ul style="list-style-type: none"> • Jared B. Monceaux, P.E. (Project Manager) • Danielle B. Connelly, P.E. (Project Engineer) • Connor D. Guidry, E.I. (Project Engineer) • Stephen F. Urquhart (CAD) | |
| <p>Completion Date (Actual or estimated):</p> | <p>Estimated Cost:</p> | |
| <p>Start Date: 2017 End Date: 2023</p> | <p>Entire Project:</p> <p>\$1,500,000 (Const)</p> | <p>Work for which Firm was responsible:</p> <p>\$300,000 (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. 10

| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | | | | | |
|---|---|--|-----------------|--------------------------------------|--------------------|-----------------|
| <p>West Metairie Bridge over Soniat Canal (East Bound) DPW No. 2016-030-DR</p> <p>Jefferson Parish, LA (HEI Project No. 11-014-92)</p> <p>Owner: Jefferson Parish Dept of Capital Projects 1221 Elmwood Park Blvd., Suite 906 Jefferson, LA 70123</p> <p>Project Manager : Reda M. Youssef, P.E. 504-736-6833 ryousef@jeffparish.net</p>  |  <p>The project consisted of a new concrete bridge along Eastbound West Metairie crossing Soniat Canal. The project included installation of concrete pipe, roadway replacement, temporary bridge, slope paving and retaining walls.</p> <p>% of work performed in LA: 100%</p> <p>Firm's Responsibility: Prime</p> <p>Key Staff on Project:</p> <ul style="list-style-type: none"> • Jared B. Monceaux, P.E. (Project Manager) • Danielle B. Connelly, P.E. (Project Engineer) • Connor D. Guidry, E.I. (Project Engineer) • Stephen F. Urquhart (CAD) | | | | | |
| <p>Completion Date (Actual or estimated):</p> <p>Start Date: 2017</p> <p>End Date: 2021</p> | <p>Estimated Cost:</p> <table border="1"> <thead> <tr> <th data-bbox="581 1759 1052 1829">Entire Project:</th> <th data-bbox="1052 1759 1531 1829">Work for which Firm was responsible:</th> </tr> </thead> <tbody> <tr> <td data-bbox="581 1829 1052 1913">\$5,500,00 (Const)</td> <td data-bbox="1052 1829 1531 1913">\$455,738 (Fee)</td> </tr> </tbody> </table> | | Entire Project: | Work for which Firm was responsible: | \$5,500,00 (Const) | \$455,738 (Fee) |
| Entire Project: | Work for which Firm was responsible: | | | | | |
| \$5,500,00 (Const) | \$455,738 (Fee) | | | | | |

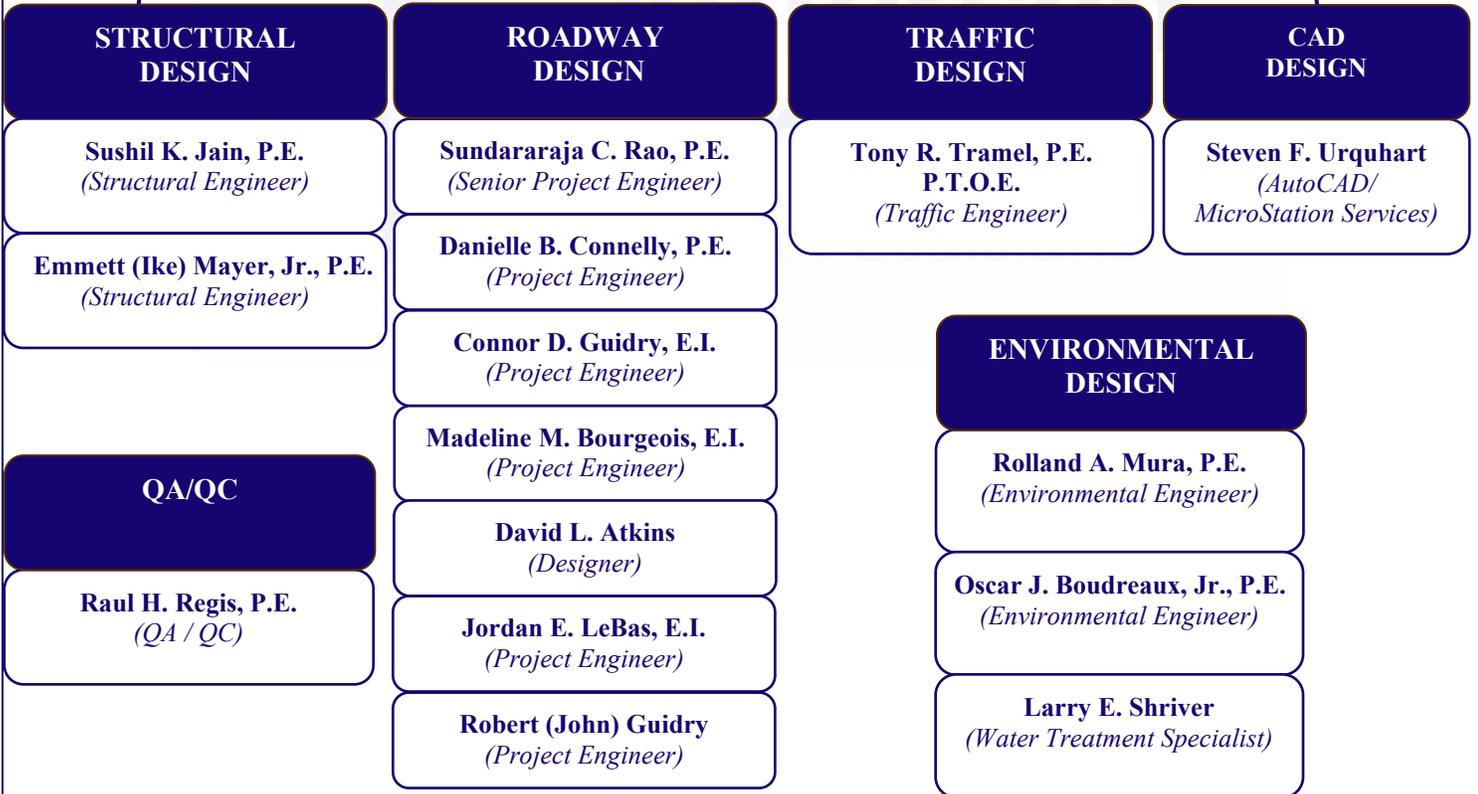
TEC Professional Services Questionnaire

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

HEI Organizational Chart



Jared B. Monceaux, P.E.
(President and Project Oversight)



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.

MINIMUM REQUIREMENTS FOR SELECTION:

1. One principal who is a professional engineer who shall be registered as such in Louisiana.
 - **Jared B. Monceaux, P.E. HEI PE 32202 Exp. 3/31/2024**
2. A professional in charge of the Project who is a professional engineer who shall be registered as such in Louisiana with a minimum of five (5) years’ experience in the disciplines involved.
 - **Jared B. Monceaux, P.E. HEI PE 32202 Exp. 3/31/2024**
3. One employee who is a professional engineer registered as such in Louisiana in the field or fields of expertise required for the project. (A sub-consultant may meet this requirement only if the advertised Project involves more than one discipline.)
 - **Jared B. Monceaux, P.E. HEI PE 32202 Exp. 3/31/2024**
 - **Rolland A. Mura, P.E. HEI PE 14997 Exp. 3/31/2024**
 - **Danielle B. Connelly, P.E. HEI PE 36284 Exp. 9/30/2023**

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.

2. 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.**

3. LOCATION OF THE PRINCIPAL OFFICE (15 points)

The company has offices situated in Kenner and Prairieville, Louisiana, with the main office located in Jefferson Parish. The Kenner office will serve as the primary location for providing all professional services under this contract and will offer a convenient meeting location.

4. LITIGATION (15 points)

Over the course of 35 years of providing professional services, HEI has maintained a track record free from any litigation involvement with Jefferson Parish or any other clients.

5. 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 planning, design, and construction for drainage, sewer, and roadway projects. 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. LaDOT 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 | Ryan King, National Water Infrastructure 37458 Cornerview Road Geismar, LA 70734 225-673-3156 | 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 | | Ron Savoy, Drainage Director East Ascension Drainage District 42077 Churchpoint Rd. Gonzales, LA 70737 225-621-5737 |

6. FIRM SIZE (10 points)

HEI has a full staff to provide engineering services, with offices in Kenner and Prairieville, Louisiana. Providing all of the professional and support personnel required to complete the needs of this project.

7. PAST PERFORMANCE (10 points)

HEI has a strong familiarity with the requirements and demands of this specific project type. HEI's expertise in this particular project type is exemplified by their successful integration of waterline design with pipelines and features for Grand Isle in 2009. See section L for more information on the project.

HEI is proud of our past performance and service to previous, present, and continuing clientele, and none of HEI's past project work has 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.

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.)

Project Approach

HEI provides 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, listed below:

| | |
|--|--|
| <ul style="list-style-type: none"> • <u>Project Scope</u> | 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. |
| <ul style="list-style-type: none"> • <u>Project Schedule</u> | 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. |
| <ul style="list-style-type: none"> • <u>Project Budget</u> | 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. |
| <ul style="list-style-type: none"> • <u>Quality Control/Quality Assurance</u> | QC/QA comprises an integral part of our design and project management process. Our QC/QA process is summarized as follows: |
| <ul style="list-style-type: none"> • <u>General</u> | 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. |
| <ul style="list-style-type: none"> • <u>Check</u> | All computations, calculations, and drawings shall be checked by a competent qualified member of the team other than the originator and so marked. |
| <ul style="list-style-type: none"> • <u>Peer Review</u> | 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. |
| <ul style="list-style-type: none"> • <u>Executive Review</u> | 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. |
| <ul style="list-style-type: none"> • <u>Owner/President Review</u> | The Owner/President shall ensure 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: **August 25, 2023**

| | | |
|--|--|--|
|  <p>LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com</p> <p>Mr. Jared Blayne Monceaux</p> <p>License/Certificate Type - Number Expiration Date PE.0032202 03/31/2024</p> <p>Status: Active</p> |  <p>LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com</p> <p>Mrs. Danielle Bordelon Connelly</p> <p>License/Certificate Type - Number Expiration Date PE.0036284 09/30/2023</p> <p>Status: Active</p> |  <p>LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com</p> <p>Mr. Rolland Anthony Mura</p> <p>License/Certificate Type - Number Expiration Date PE.0014997 03/31/2024</p> <p>Status: Active</p> |
| <p>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).</p> <p>LA 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.</p> | | |
|  <p>LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com</p> <p>Mr. Sundararaja Channakesavapura Rao</p> <p>License/Certificate Type - Number Expiration Date PE.0017005 09/30/2023</p> <p>Status: Retired</p> |  <p>LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com</p> <p>Mr. Raul H. Regis</p> <p>License/Certificate Type - Number Expiration Date PE.0034006 09/30/2024</p> <p>Status: Active</p> |  <p>LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com</p> <p>Mr. Tony R. Tramel</p> <p>License/Certificate Type - Number Expiration Date PE.0019268 09/30/2024</p> <p>Status: Active</p> |
| <p>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).</p> <p>LA 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.</p> | | |
|  <p>LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com</p> <p>Mr. Sushil K. Jain</p> <p>License/Certificate Type - Number Expiration Date PE.0015712 09/30/2023</p> <p>Status: Retired</p> |  <p>LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com</p> <p>Mr. Connor Guidry</p> <p>License/Certificate Type - Number Expiration Date EI.0033801 03/31/2025</p> <p>Status: Active</p> |  <p>LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com</p> <p>Ms. Madeline M. Bourgeois</p> <p>License/Certificate Type - Number Expiration Date EI.0034782 09/30/2023</p> <p>Status: Active</p> |
| <p>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).</p> <p>LA 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.</p> | | |



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Baton Rouge, LA 70809
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Mr. Jordan Edward LeBas

| | |
|-----------------------------------|-----------------|
| License/Certificate Type - Number | Expiration Date |
| EI.0035548 | 03/31/2024 |
| Status: Active | |



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Mr. Emmett J. Mayer Jr.

| | |
|-----------------------------------|-----------------|
| License/Certificate Type - Number | Expiration Date |
| PE.0012757 | 03/31/2025 |
| 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).

LA 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.

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).

LA 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.

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, Louisiana 70065 |

License/Certificate Information w/ Supervision

| License | Status | First Issuance Date | Expiration Date | Supervisor(s) |
|------------|--------|---------------------|-----------------|---|
| EF.0001344 | Active | 09/25/1986 | 03/31/2024 | Mr. Jared Blayne Monceaux # PE.0032202 - Active |



City of Gonzales

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

BARNEY D. ARCENEUX
MAYOR/ADMINISTRATOR

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DRAINAGE COMMISSIONER

KIRK J. BOUDREAU-Division B
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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
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NEAL M. BOURQUE-Division E
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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,

A handwritten signature in blue ink, appearing to read "Jackie Baumann".

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,


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 that reads "Joan M. Exnicios".

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 6/14/2022 to 6/14/2023 .

Certification No. 13205

A handwritten signature in black ink that reads "Stephanie R. Hartman". The signature is written in a cursive style and is positioned above 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 that reads "John W. Matthews, Jr." with a stylized flourish at the end.

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