



# STATEMENT<sup>OF</sup> QUALIFICATIONS

ROUTINE ENGINEERING SERVICES  
FOR WATER PROJECTS

SOQ NO. 24-013  
RESOLUTION NUMBER: 144203



JUNE 21, 2024

LINFIELD, HUNTER & JUNIUS, INC.

24M-084



**LINFIELD, HUNTER & JUNIUS, INC.**

PROFESSIONAL ENGINEERS,  
ARCHITECTS AND SURVEYORS

3608 18<sup>th</sup> Street / Suite 200  
Metairie, Louisiana 70002  
(504) 833-5300 / (504) 833-5350 fax  
LHJ@LHJunius.com

Ralph W. Junius, Jr., P.E.  
Nathan J. Junius, P.E., P.L.S.  
Anthony F. Goodgion, P.E.  
Nathan D. Hills, AIA  
Charles T. Knight, P.E.  
Robert E. Nockton, P.E.  
Mark K. Annino, E.I.  
Casey M. Genovese, P.E.

Daniel A. Flores, P.E.  
John M. Jackson, P.E.  
Vincent J. Leco, III, P.E.  
Eric R. Wright, P.E.  
Timothy J. Roth, P.E.  
Luis F. Sosa, P.E.  
Richard A. Van Wootten, P.E.

June 21, 2024

Jefferson Parish Government  
200 Derbigny Street, Suite 4400  
Gretna, LA 70053

**RE: Statement of Qualifications  
Routine Engineering Services for Water Projects  
Resolution No. 144203 – SOQ No. 24-013  
Our File #: 24M-084**

Linfield, Hunter & Junius, Inc. (LH&J) is pleased to submit its Statement of Qualifications for the Routine Engineering Services for Water Projects in Jefferson Parish.

LH&J is well qualified to provide the services required for this project. Our Team is made up of over 13 professionals and a support staff of over 25 individuals which are available to meet all project requirements. Our Team meets or exceeds the qualifications and experience required for this project.

Contact Information:

Nathan J. Junius, P.E., P.L.S., President  
Linfield, Hunter & Junius, Inc., 3608 18<sup>th</sup> Street, Suite 200, Metairie, LA 70002  
[njunius@LHJunius.com](mailto:njunius@LHJunius.com) - 504-833-5300 - 504-833-5350 fax

We appreciate your business and look forward to continuing our relationship with Jefferson Parish.

Very truly yours,

LINFIELD, HUNTER & JUNIUS, INC.

Nathan J. Junius, P.E., P.L.S.  
President

NJJ/dlm

Enclosures

## TEC Professional Services Questionnaire

### **A. Project Name and Advertisement Resolution Number:**

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

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

LINFIELD, HUNTER & JUNIUS, INC.  
3608 18<sup>th</sup> Street, Suite 200  
Metairie, LA 70002



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

Nathan J. Junius, P.E., P.L.S., President  
Linfield, Hunter & Junius, Inc.  
3608 18<sup>th</sup> Street, Suite 200  
Metairie, LA 70002  
504-833-5300 504-833-5350 fax  
njunius@LHJunius.com

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

Nathan J. Junius, P.E., P.L.S., President  
Linfield, Hunter & Junius, Inc.  
3608 18<sup>th</sup> Street, Suite 200  
Metairie, LA 70002  
504-833-5300 504-833-5350 fax  
njunius@LHJunius.com

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

<u>5</u> Administrative	— Estimators	— Specification Writers
<u>1</u> Architects (Licensed)	— Geologists	<u>4</u> Structural Engineers
— Chemical Engineers	— Geotechnical Engineers	— Graduate Engineers
<u>7</u> Civil Engineers (Licensed)	— Interior Designers	— Project Managers
<u>4</u> Construction Inspectors	— Landscape Architects	<u>1</u> Clerical
— Ecologists	<u>5</u> Land Surveyor	— Grant/Funding Specialist
— Electrical Engineers	— Mechanical Engineers	— Sanitary Engineers
<u>8</u> Engineer Intern	— Environmental Engineers	<u>4</u> CADD Drafters
<u>2</u> Professional Land Surveyors	<u>1</u> Architect Intern	<u>42</u> TOTAL

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

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



**TEC Professional Services Questionnaire**

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

1. N/A

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.N/A		
2.		
3.		

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

12

Staffing Plan – A Diagram showing all key personnel that would be available for assignment. The Staffing Plan should also include the same information for sub-consultants (if applicable).

**LINFIELD, HUNTER & JUNIUS, INC.**  
**STAFFING PLAN**



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

**Prime Consultant**



**LINFIELD, HUNTER & JUNIUS, INC.**  
PROFESSIONAL ENGINEERS, ARCHITECTS AND SURVEYORS

**Management Team**

**Nathan J. Junius, P.E., P.L.S., PTOE**  
*Principal in Charge*

**Robert E. Nockton, P.E.**  
*Project Manager*

**Design Team**

**Civil Engineering**

Mark K. Annino, E.I.  
*Team Leader*

John M. Jackson, P.E.  
*Lead Civil Engineer*

Daniel A. Flores, P.E.  
*Lead Structural Engineer*

Vincent J. Leco, P.E.  
Eric R. Wright, P.E.  
Almedin Tursunovic, E.I.  
Bryce L. Vazquez

**Roadway / Traffic  
Engineering**

Nathan J. Junius, P.E., P.L.S.,  
PTOE  
*Team Leader*

Elmer N. Darwin, P.E., PTOE  
*Lead Traffic Engineer*

Casey M. Genovese, P.E.  
*Senior Roadway / Traffic Engineer*

Alexander R. Stapp, E.I.

**Land Surveying**

Nathan J. Junius, P.E., P.L.S.,  
PTOE  
*Team Leader*

William J. Muller, P.L.S.  
*Senior Land Surveyor / Lead Surveyor*

Cooper G. Ashworth, E.I.  
*Survey Coordinator*

Daniel D. Bindewald  
Paul H. Morales, IV

## 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:**

Nathan J. Junius, P.E., P.L.S., PTOE

#### **Project Assignment:**

Principal in Charge / Roadway/Traffic Engineering Team Leader / Land Surveying Team Leader

#### **Name of Firm with which associated:**



**LINFIELD, HUNTER & JUNIUS, INC.**

#### **Years' experience with this Firm:**

23 Years

#### **Education: Degree(s)/Year Specialization:**

Tulane University / 2001 / B.S. / Civil Engineering  
University of Texas / 2002 / M.S. / Civil Engineering

#### **Active registration: Year first registered/discipline:**

2002 / Civil / LA License No. PE.0031843 - 2005 / Land Surveying / LA License No. PLS.0004958

#### **Other experience and qualifications relevant to the proposed Project:**

Junius has over 20 years of project management, engineering design and construction management experience, with specialized expertise in the planning, permitting, design and construction management for a diverse range of public and private sector projects. Civil projects include major drainage canals, drainage pump stations, site developments, miles of streets, wastewater treatment plants, sewage collections systems, sewer force mains and **waterline distribution projects**. He has also served as an expert in disputes involving drainage and land surveying.

Junius has conducted numerous boundary, topographic, resubdivision surveys, route surveys, ALTA surveys, hydrographic surveys, utility surveys throughout Louisiana, Mississippi and Texas.

#### **ENGINEERING PROJECTS**

#### **JEFFERSON PARISH WATERLINE REPLACEMENT – SHANNON LANE E & W, KENDALL LANE, HUNTLEY LANE & MALVERN LANE, JEFFERSON PARISH, LA**

Junius is the **Principal in Charge** for this project that consists of the **replacement of existing distribution waterlines with new 8-inch waterline**.

## TEC Professional Services Questionnaire

**Nathan J. Junius, P.E., P.L.S., PTOE**

**Resume**

**Project Assignment – Principal in Charge / Roadway/Traffic Engineering Team Leader / Land Surveying Team Leader**

**JEFFERSON PARISH WATERLINE REPLACEMENT – N. CAUSEWAY BLVD. & RIDGELAKE BLVD. (VETERANS BLVD. – 14<sup>TH</sup> ST.) AND 15<sup>TH</sup> ST. TO VETERANS BLVD. (N. CAUSEWAY BLVD. – TOLMAS DR.), JEFFERSON PARISH, LA**

Junius is the **Principal in Charge** for this project that consists of the **replacement of existing distribution waterlines with new 12-inch waterline (2,000 linear feet) and 8-inch waterline (14,400 linear feet).**

**FEASIBILITY STUDY FOR WATERLINE IMPROVEMENTS ALONG LAPALCO BOULEVARD, JEFFERSON PARISH, LA**

Junius was the **Principal in Charge** for this feasibility study that assessed and recommended alignments and construction materials for the **replacement of 36-inch, 30-inch and 24-inch transmission water mains** along Lapalco Boulevard between the Harvey Canal and Belle Chasse Highway.

**WATER AND SEWERAGE EXTENSION – LINDBERG DRIVE TO EAST I-10 SERVICE ROAD, SLIDELL, LA**

Junius is the **Principal in Charge** for this project that includes the installation of new **12-inch diameter water main** and 6-inch diameter sewage force main across I-10 from Lindberg Drive to the East I-10 Service Road.

**DILLARD UNIVERSITY WATERLINE INFRASTRUCTURE IMPROVEMENTS, NEW ORLEANS, LA**

Junius was a member of the Civil Engineering Design Team responsible for the analysis and design of a **new 12-inch waterline loop** to boost historically low water pressures throughout the campus. Junius conducted flow tests in the initial assessment and identified strategic connection locations of the new loop to existing reaches of the existing waterline system loop to boost pressures while utilizing the existing waterline system as much as was practical.

**LAND SURVEYING**

Junius currently provides surveying in many areas including hydrographic surveying, GPS surveying, single beam technology, multibeam technology and scanning including numerous topographic and boundary surveys. Survey data that LH&J provides has been imported into ArcGis in the following survey data converter formats: ASCII, TDS Coordinate and TDS Raw. The survey work has been in the State Plane Coordinate System based on NAD27. Junius is proficient with Leica Dual Frequency RTK Rovers, Leica DNA03 Digital Auto Level, Leica GPS Base Station, G-882 Magnetometer Leica Total Robotic Total Station, Leica Geo Office, Carlson Survey/Civil Software, Autocad 2016 and Civil 3D.

Junius has conducted numerous boundary, topographic, resubdivision surveys, route surveys, ALTA surveys, hydrographic surveys, utility surveys throughout Louisiana, Mississippi and Texas. One of Junius' largest surveying projects included the hydrographic and topographic surveying for the **Inner Harbor Navigation Canal (IHNC) Lake Borgne Surge Barrier** which included over a mile and half of hydrographic surveying through the marsh including topographic surveying for two gates.

**20-INCH WATER TRANSMISSION MAIN RELOCATION, PLAQUEMINES PARISH, LA**

Junius was the **Land Surveying Team Leader** for this project that included topographic surveying along Louisiana Highway 23 for the **relocation of approximately 25,000 linear feet of 20-inch diameter transmission water line** to accommodate new Entergy overhead transmission facilities.

**LAKE HERMITAGE WATERLINE, PLAQUEMINES PARISH, LA**

Junius was the **Land Surveying Team Leader** for this project that included topographic surveying for the installation of approximately **5 miles of new 12-inch HDPE waterline** located outside of the protection levee system in a marsh environment.

**TEC Professional Services Questionnaire**

**Nathan J. Junius, P.E., P.L.S., PTOE**

**Resume**

**Project Assignment – Principal in Charge / Roadway/Traffic Engineering Team Leader / Land Surveying Team Leader**

**CANAL STREET IMPROVEMENTS, JEFFERSON PARISH, LA**

**Land Surveying Team Leader for this Jefferson Parish** road and drainage project. Topographic surveying for the reconstruction of a divided roadway, culverting an open channel drainage canal, and building a Linear Park from Lake Avenue to the I-10 Frontage Road including a bike trailhead.

**HOEY'S CANAL BYPASS, JEFFERSON PARISH, LA**

**Land Surveying Team Leader for this drainage project.** Topographic and boundary surveying for the construction of a new concrete-lined open canal including a 200-foot long 31-foot wide by 10-foot high pile-supported covered concrete box culvert and **waterline relocation**.





## TEC Professional Services Questionnaire

### KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

#### Name & Title:

Robert E. Nockton, P.E.

#### Project Assignment:

Project Manager

#### Name of Firm with which associated:



**LINFIELD, HUNTER & JUNIUS, INC.**

#### Years' experience with this Firm:

29 Years

#### Education: Degree(s)/Year Specialization:

Rice University / B.S. / 1995 / Civil Engineering

#### Active registration: Year first registered/discipline:

2000 / Civil / LA License No. PE.0028802

#### Other experience and qualifications relevant to the proposed Project:

Nockton has been a project manager or lead civil engineer on variety of projects that include bridge replacement projects, urban streets projects, improvements to major drainage structures, drainage studies, **water** and sewerage **studies**, **new waterlines** and sewer lines, **waterline** and sewer line **replacement and upgrades**, sewage lift station design and rehabilitation, **water** and wastewater **treatment plant expansions and upgrades** and site design.

A sampling of Nockton's relevant water project experience includes:

**JEFFERSON PARISH WATERLINE REPLACEMENT – SHANNON LANE E & W, KENDALL LANE, HUNTLEY LANE & MALVERN LANE, JEFFERSON PARISH, LA**

Nockton is the **Project Manager** for this project that consists of the **replacement of existing distribution waterlines with new 8-inch waterline**.

**JEFFERSON PARISH WATERLINE REPLACEMENT – N. CAUSEWAY BLVD. & RIDGELAKE BLVD. (VETERANS BLVD. – 14<sup>TH</sup> ST.) AND 15<sup>TH</sup> ST. TO VETERANS BLVD. (N. CAUSEWAY BLVD. – TOLMAS DR.), JEFFERSON PARISH, LA**

Nockton is the **Project Manager** for this project that consists of the **replacement of existing distribution waterlines with new 12-inch waterline (2,000 linear feet) and 8-inch waterline (14,400 linear feet)**.


**FEASIBILITY STUDY FOR WATERLINE IMPROVEMENTS ALONG LAPALCO BOULEVARD, JEFFERSON PARISH, LA**

Nockton was the **Project Manager** for this project that consisted of identified conceptual layouts and recommended materials and installation methods for the **replacement of 24-inch, 30-inch and 36-inch diameter waterlines** along Lapalco Boulevard between the Harvey Canal and Belle Chasse Highway.

## TEC Professional Services Questionnaire

Robert E. Nockton, P.E. Project Assignment – Project Manager	Resume
<b><u>20-INCH WATER TRANSMISSION MAIN RELOCATION, PLAQUEMINES PARISH, LA</u></b>	
Nockton was the <b>Project Manager</b> and Lead Civil Engineer on this project that consisted of the relocation of approximately <b>25,000 linear feet of 20-inch diameter transmission water line</b> to accommodate new Entergy overhead transmission facilities.	
<b><u>WATER AND SEWERAGE EXTENSION – LINDBERG DRIVE TO EAST I-10 SERVICE ROAD, SLIDELL, LA</u></b>	
Nockton is the <b>Project Manager</b> for this project that includes the installation of new <b>12-inch diameter water main</b> and 6-inch diameter sewage force main across I-10 from Lindberg Drive to the East I-10 Service Road.	
<b><u>HOEY’S CANAL BYPASS – PHASE II, JEFFERSON PARISH, LA</u></b>	
Nockton was the <b>Project Manager</b> and Lead Engineer for this project that included the construction of new pile-supported concrete drainage canal, box culvert, and <b>replacement of 10-inch waterline</b> over the box culvert.	
<b><u>LAKE HERMITAGE WATERLINE, PLAQUEMINES PARISH, LA</u></b>	
Nockton was the Lead Civil Engineer for the installation of approximately <b>5 miles of new 12-inch HDPE waterline</b> located outside of the protection levee system in a marsh environment. Included in the project were canal crossings at three locations.	
<b><u>DILLARD UNIVERSITY INFRASTRUCTURE IMPROVEMENTS, NEW ORLEANS, LA</u></b>	
Nockton was the Lead Civil Engineer for the analysis and design of a <b>new 12-inch waterline loop</b> to boost historically low water pressures throughout the campus. Design included the strategic connection of the new loop to existing reaches of the existing waterline system loop to boost pressures while utilizing the existing waterline system as much as was practical.	
<b><u>TIDEWATER ROAD ELEVATION, VENICE, LA</u></b>	
Nockton was the Lead Engineer for the elevation of <b>3 miles</b> of roadway located outside of protection levee including the <b>replacement of 12-inch waterline</b> along the entire reach.	
<b><u>BELLE CHASSE WATER TREATMENT PLANT EXPANSION, PLAQUEMINES PARISH, LA</u></b>	
Nockton was on the Civil Engineering Design Team for two phases of this <b>water treatment plant expansion</b> . Nockton performed hydraulic profile calculations and performed structural concrete design for the upflow clarifier and portions of the new filter building.	
<b><u>SALTWATER MITIGATION PROJECT, PLAQUEMINES PARISH, LA</u></b>	
Nockton was on the Civil Engineering Design Team for several of the individual projects in this project including large diameter water transmission main construction and preliminary design studies. Nockton developed engineering plans and specifications and prepared preliminary design study reports.	
<b><u>WATERLINE REPLACEMENT, LOWER PLAQUEMINES PARISH, LA</u></b>	
Prepared construction plans and specifications and performed construction administration for the replacement of numerous aged waterlines in Boothville and Venice, Louisiana.	

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Mark K. Annino, E.I.
<b>Project Assignment:</b>
Civil Engineering Team Leader
<b>Name of Firm with which associated:</b>
 <b>LINFIELD, HUNTER &amp; JUNIUS, INC.</b>
<b>Years' experience with this Firm:</b>
29 Years
<b>Education: Degree(s)/Year Specialization:</b>
University of New Orleans / B.S. / 1995 / Civil Engineering
<b>Active registration: Year first registered/discipline:</b>
1995 / Civil / LA License No. EI.0016308
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Since joining the firm in 1995, Annino has prepared plans and specifications for numerous municipal and private projects. The scopes of these projects include design of roadways, <b>water distribution systems</b>, utility system replacement / relocation (sewer, water, drain, etc.), hydraulic structures and horizontal / vertical geometric layouts for roadways and bridges. Annino has also been involved in the permit application process and construction administration of these projects.</p> <p>A sampling of Annino's experience with water distribution systems includes:</p> <p><b><u>EAST AND WEST LIVINGSTON PLACE ROADWAY IMPROVEMENTS, METAIRIE, LA</u></b> This project consisted of the reconstruction of East and West Livingston Place including installation of new subsurface drainage, <b>water</b> and sanitary sewer line replacements and utility relocation. Role: Project Manager</p> <p><b><u>LOUISVILLE STREET / CATINA STREET RECONSTRUCTION, NEW ORLEANS, LA</u></b> This project entailed the reconstruction of 3,950 feet of roadway including replacement of <b>water</b> and sanitary sewer lines and utility relocation. Role: Project Manager</p> <p><b><u>MAGAZINE STREET / PRYTANIA STREET RECONSTRUCTION, NEW ORLEANS, LA</u></b> This project entailed the reconstruction of 26,500 feet of roadway including replacement of <b>water</b> and sanitary sewer lines and utility relocation. Role: Project Manager</p> <p><b><u>HOLLYGROVE DRAINAGE IMPROVEMENTS, NEW ORLEANS, LA</u></b> LH&amp;J designed all improvements including the covered box culverts, subsurface drainage, two drainage pumping stations, <b>water distribution system</b>, sanitary sewerage replacement and relocation, utility relocations and roadway reconstruction. Role: Lead Civil Engineering Designer</p>

## TEC Professional Services Questionnaire

Mark K. Annino, E.I.

Resume

### **Project Assignment – Civil Engineering Team Leader**

#### **EARHART CORRIDOR RECONSTRUCTION, NEW ORLEANS, LA**

This project entailed the reconstruction of 7,000 feet of roadway including replacement of **water** and sanitary sewer lines and utility relocation. Role: Lead Civil Engineering Designer

#### **RUSSELL DRIVE WATERLINE, BELLE CHASSE, LA**

This project consisted of the installation of a **new 12-inch diameter waterline** from Louisiana Highway 23 to the Naval Air Station, including live connections to the station water system. Role: Civil Engineering Designer

#### **PPG WATER AND SEWERAGE PLANNING – STUDY OF SEWERAGE IMPROVEMENTS PARISH-WIDE WITH PHASING AND COST ESTIMATES**

LH&J provided complete engineering services for growth projection, flow projections, assessment of existing systems, analysis of alternative improvements to provide for growth, setting of construction budgets and recommended improvements and projection of capital requirements for system expansion and rehabilitation over the next 20 years parish wide. Role: Civil Engineering Designer

#### **EXPANSION OF BELLE CHASSE WASTEWATER TREATMENT PLANT, BELLE CHASSE, LA**

Expansion of the plant from 6MGD to 12 MGD including the rehabilitation of existing bio-towers and sludge drying beds and **replacement of numerous site waterlines**. Role: Civil Engineering Designer

#### **WATER DISTRIBUTION AND SEWAGE COLLECTION SYSTEMS FOR NAS HOUSING, BELLE CHASSE, LA**

This project includes the installation of a sewage collection system and potable **water** distribution system to service 500 townhouses in a new Navy housing development. The system included 2 miles of gravity sewerage, 1 mile of sewage force main, 3 sewage lift stations and the installation of **multiple 8" diameter PVC waterline loops**. Role: Civil Engineering Designer

#### **TIDEWATER ROAD ELEVATION, VENICE, LA**

Elevation of **3 miles** of roadway located outside of protection levee including the **replacement of 12-inch waterline** along the entire reach. Role: Civil Engineering Designer

## TEC Professional Services Questionnaire

### KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

#### Name & Title:

John M. Jackson, P.E.

#### Project Assignment:

Lead Civil Engineer

#### Name of Firm with which associated:



**LINFIELD, HUNTER & JUNIUS, INC.**

#### Years' experience with this Firm:

9 Years

#### Education: Degree(s)/Year Specialization:

University of New Orleans / 2018 / BS / Civil Engineering  
Bob Jones University / 2011 / B.S. / Biology

#### Active registration: Year first registered/discipline:

2021 / Civil / LA License No. PE.0045804

#### Other experience and qualifications relevant to the proposed Project:

Jackson specializes in the design of civil projects such as urban streets, highways, surveying, site developments, utility expansions and relocations, storm water management systems, improvements to major drainage structures, drainage studies, green infrastructure.

Jackson has varied experience in design for public clients including parish and local governments; and private clients, including commercial, institutional and industrial. His design experience includes a range of civil engineering and surveying disciplines for site investigation, feasibility study, conceptual layouts, value engineering, detailed designs, preparation of plans and specifications, and cost estimates. Jackson has successfully designed projects for **Jefferson Parish**, **Plaquemines Parish**, and **City of New Orleans Department of Public Works**.

Jackson is a licensed Remote Pilot to fly drones for aerial surveys.

#### **SANITARY SEWERAGE SYSTEM ALONG LOUISIANA HIGHWAY 23 FROM BELLE CHASSE WASTEWATER TREATMENT PLANT TO LA REUSSITE, PLAQUEMINES PARISH, LA**

Jackson is the **Lead Civil Engineer** for Phase III of this project that extends public sewerage along a 10-mile reach of presently unsewered area of Plaquemines Parish. Phase III includes the design of **gravity sewer, sewage force main, three sewage lift stations** and a bore beneath Louisiana Highway 23.

#### **MAGAZINE STREET RECONSTRUCTION NEW ORLEANS, LA**

Jackson is the **Lead Civil Engineer** for this project that consists of reconstruction of 12,500 L.F. of 35' wide roadway, including removal of over 18,720 L.F. of streetcar tracks that are buried under Magazine Street, construction of new concrete roadway, replacement of the storm drainage system, **gravity sewer lines** and water mains.



## TEC Professional Services Questionnaire

**John M. Jackson, P.E.**

**Resume**

### **Project Assignment – Lead Civil Engineer**

#### **WATER AND SEWERAGE EXTENSION – LINDBERG DRIVE TO EAST I-10 SERVICE ROAD, SLIDELL, LA**

Jackson was the **Lead Civil Engineer** for this project that includes the installation of new 12-inch diameter water main and **6-inch diameter sewage force main** across I-10 from Lindberg Drive to the East I-10 Service Road.

#### **FEMA RECOVERY ROADS PROGRAM (RR028) DESIRE GROUP C, NEW ORLEANS, LA**

Jackson is the **Lead Civil Engineer** for this project that consists of the of 20,585 L.F. of roadway reconstruction and rehabilitation. This includes the design and replacement or repair of the storm drainage system, **gravity sewer lines** and water mains.

#### **FEMA SUBMERGED ROAD PROGRAM – PLUM ORCHARD AND WEST LAKE FOREST NEIGHBORHOODS, NEW ORLEANS, LA**

Jackson is the **Lead Civil Engineer** for this project that includes 57,650 Sq. Yd. of street reconstruction, concrete patching, asphalt mill/overlay, ADA ramps, incidental paving, water and **sanitary sewer replacement**.

#### **HOLMES BOULEVARD REHABILITATION, GRETNA, LA**

Jackson was the **Lead Civil Engineer** for this project that consisted of 3,490 L.F. of roadway striping, phasing, and temporary traffic control plans as well as a traffic signal relocation plan.

#### **JEFFERSON PARISH DISTRICT 5 STREETS RECONSTRUCTION, METAIRIE, LA**

Jackson was a Civil Engineering Designer for this project that included concrete patching, cold milling, and overlay and reconstruction of over 100 flood damaged streets (35,500 L.F.).

#### **AMES BLVD. RESURFACING, MARRERO, LA**

Jackson was a Civil Engineering Designer for this project that consisted of 1,990 L.F. of roadway resurfacing.

#### **SUBMERGED ROAD PROGRAM – LITTLE WOODS AND WEST LAKE FOREST NEIGHBORHOODS NEW ORLEANS, LA**

Jackson was a Civil Engineering Designer for this project that includes the repair or reconstruction of over 200 flood damaged streets in eastern New Orleans, including replacement of asphalt and concrete roadway, sidewalks, driveways and handicap ramps.

## TEC Professional Services Questionnaire

### KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

#### Name & Title:

Daniel A. Flores, P.E.

#### Project Assignment:

Lead Structural Engineer

#### Name of Firm with which associated:



**LINFIELD, HUNTER & JUNIUS, INC.**

#### Years' experience with this Firm:

16 Years

#### Education: Degree(s)/Year Specialization:

University of New Orleans / B.S. / 2009 / Civil Engineering & Environmental Engineering  
University of New Orleans / M.S. / 2013 / Civil Engineering

#### Active registration: Year first registered/discipline:

2013 / Civil / LA License No. PE.0038154

#### Other experience and qualifications relevant to the proposed Project:

Flores is an accomplished structural engineer with extensive experience performing the design of a wide range of structures. His experience includes the analyses of existing bridges and docks as well as the engineering design and preparation of plans and specifications for new facilities such as bridges, floodwalls, floodgates, levees, dewatering bulkheads, pumping stations and other types of **hydraulic structures**. He is a member of the American Society of Civil Engineers (ASCE).

Relevant experience includes:

#### **20-INCH WATERLINE REPLACEMENT, OAKVILLE TO LA REUSSITE, PLAQUEMINES PARISH, LA**

**Lead Structural Engineer** responsible for the design of a large thrust block capable of absorbing loads generated by 90 psi pressures in a new **20-inch diameter transmission water line**.

#### **WATER AND SEWERAGE EXTENSION – LINDBERG DRIVE TO EAST I-10 SERVICE ROAD, SLIDELL, LA**

**Lead Structural Engineer** responsible for calculation of pipe loading for the **directional drilling of 12-inch potable water main across the I-10**.

#### **SPRUCE STREET COMPRESSION-FIT WATER TRANSMISSION LINE, NEW ORLEANS, LA**

**Lead Structural Engineer** responsible for design of modifications to an existing covered reinforced concrete box culvert to allow for the replacement of **30-inch diameter water main** that crosses the box culvert.

## TEC Professional Services Questionnaire

**Daniel A. Flores, P.E.**

**Resume**

### **Project Assignment – Lead Structural Engineer**

#### **GEISENHEIMER CANAL BOX CULVERT, JEFFERSON PARISH, LA**

**Lead Structural Engineer** responsible for the design of large junction boxes at the confluence of a 12'x8' box culvert and two 96" equivalent arch pipes.

#### **HOEY'S CANAL BYPASS, PHASE 2, JEFFERSON PARISH, LA**

**Lead Structural Engineer** responsible for the design of 25'x5' pile-supported reinforced concrete flume and 31'x10' pile-supported reinforced concrete box culvert.

#### **HOEY'S CANAL IMPROVEMENTS (PHASE II AND III), JEFFERSON PARISH, LA**

**Lead Structural Engineer** for Phases 2 and 3 of this project. Phase 2 entailed the construction of approximately 1,800 feet of sheet pile lined pile-supported concrete flume with concrete side slopes from Deckbar Avenue to Labarre Road. Phase 2 also included an in-line pile-supported culvert beneath a railroad spur. Phase 3 will consist of the construction of approximately 1,500 feet of sheet pile lined concrete flume with concrete side slopes from Labarre Road to Causeway Boulevard.

#### **LOUMOR OUTFALL DITCH IMPROVEMENTS, JEFFERSON PARISH, LA**

**Lead Structural Engineer** responsible for the design of numerous large junction boxes at bends along the length of a new 96" equivalent arch drainage pipe.

#### **NEW SARPY PUMP STATION IMPROVEMENTS, ST. CHARLES PARISH, LA**

**Lead Structural Engineer** responsible for the structural design of a new wet well for a drainage pump station expansion.

#### **KENNER WASTEWATER TREATMENT PLANT NO. 3 IMPROVEMENTS, KENNER, LA**

**Lead Structural Engineer** responsible for the design of numerous hydraulic structures including a new headworks, splitter box and two final clarifiers.

#### **POLK STREET BRIDGE, TERREBONNE PARISH, LA**

**Lead Structural Engineer** for design of a bridge with three 23 foot spans of 29 foot clear crowned roadway with an 8 percent skew.

#### **BAYOU SEGNETTE DRAINAGE PUMP STATION NO. 1 BRIDGE, JEFFERSON PARISH, LA**

**Lead Structural Engineer** for the design of a bridge at a drainage station on Bayou Segnette.

#### **MORGANZA TO THE GULF OF MEXICO LEVEE, TERREBONNE PARISH, LA**

**Lead Structural Engineer** for this project that includes pile-supported concrete T-Walls and drainage structures in a levee improvement project.


#### **BELLE CHASSE WASTEWATER TREATMENT PLANT EXPANSION, BELLE CHASSE, LA**

**Structural designer** responsible for the design of numerous hydraulic structures including a new headworks, primary clarifier, bio tower, splitter box, final clarifier and chlorine contact chamber.

#### **REPLACE SIX CANAL CROSSINGS OVER GENERAL DEGAULLE DRIVE CANAL, NEW ORLEANS, LA**

**Structural designer** for this project. This project required the removal of 6 existing canal crossings and replacement them with double 20 wide concrete box culverts and replacement of roadway crossing.

**TEC Professional Services Questionnaire**

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Elmer N. Darwin, P.E., PTOE
<b>Project Assignment:</b>
Lead Traffic Engineer
<b>Name of Firm with which associated:</b>
 <b>LINFIELD, HUNTER &amp; JUNIUS, INC.</b>
<b>Years' experience with this Firm:</b>
12 Years
<b>Education: Degree(s)/Year Specialization:</b>
University of New Orleans / BS / 1970 / Civil Engineering Northwestern University / 1975 / Principals of Geometric Design
<b>Active registration: Year first registered/discipline:</b>
1975 / Civil / LA License No. PE.0020404
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Darwin works as a consultant to Linfield, Hunter &amp; Junius, Inc. on projects that require Traffic Engineering.</p> <p>Darwin has designed numerous traffic signals for LH&amp;J including the signalization at Dickory-Sauve intersection.</p> <p>Darwin's experience has been as a Traffic Engineer since 1974. His Traffic Engineering experience includes:</p> <ul style="list-style-type: none"><li>• Design of Traffic Signal Systems</li><li>• Traffic Studies</li><li>• Preparation of Traffic Control Plans</li><li>• Investigation of complaints relating to traffic related issues</li><li>• Traffic signal timing issues</li></ul> <p>Darwin's previously worked at the City of New Orleans, Department of Streets (Public Works) from 1974-2008 with the following experience and responsibilities:</p>

## TEC Professional Services Questionnaire

**Elmer N. Darwin, P.E., PTOE**

**Resume**

### **Project Assignment – Lead Traffic Engineer**

- Supervision of all traffic signal control activities, including the preparation of investigative studies relative to the installation or modification of signal equipment or systems; the design of signal layouts and preparation of bid documents for the implementation or modification of signal equipment; the development and maintenance of timing parameters for and the general operation of all signalized intersections within the jurisdiction, including the 206-intersection computerized traffic signal control system which existed at that time; the preparation and distribution of legal documents relative to lawsuits and claims involving signal controls as well as personal appearances to give expert testimony at legal proceedings; and all signal maintenance activities, including the administration of the Traffic Signal Maintenance Shop, which has 24-hour emergency and non-emergency responsibility of approximately 400 signalized intersections citywide.
- Administration of the Traffic Engineering Division of the Department of Public Works, which is responsible for the management of capital projects, the performance of investigative studies, the preparation and approval of bid documents, the administration of support contracts, and the coordination of field and legal activities involving the conception, design, implementation, construction, modification, operation, and maintenance of all traffic control signs, signals, and roadway markings in the City of New Orleans. Its functions further include the review of impact studies involving new development and the review and approval of all roadway closures and traffic control plans associated with construction projects, special events, and emergency situations. It is also responsible for the issuance of six exclusive types of permits and the collection of related revenues.

At present Darwin provides the following traffic engineering services:

- Technical support in the development or revision of traffic signal systems as it relates to equipment type and placement, display configuration, timing and sequencing parameters, and general design considerations; perform research of prospective development sites and perform comprehensive and detailed analyses of prevailing area traffic circulation patterns and projected trip ends in order to ascertain and evaluate the ultimate impact of the proposed land use; develop single and multi-phased traffic control plans for the safe and efficient operation of vehicular movements which are necessarily altered and/or impacted by construction projects, special events, or emergency situations.



## TEC Professional Services Questionnaire

### KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

#### Name & Title:

Casey M. Genovese, P.E.

#### Project Assignment:

Senior Roadway / Traffic Engineering

#### Name of Firm with which associated:



**LINFIELD, HUNTER & JUNIUS, INC.**

#### Years' experience with this Firm:

19 Years

#### Education: Degree(s)/Year Specialization:

Louisiana State University / B.S. / 2005 / Civil Engineering

#### Active registration: Year first registered/discipline:

2006 / Civil / LA License No. PE.0035327

#### Other experience and qualifications relevant to the proposed Project:

Genovese has been working at Linfield, Hunter & Junius, Inc. since he graduated from Louisiana State University in December 2005. He is currently working on numerous CVS Pharmacy projects throughout the state which include new **water** and sewer lines, new roadway work, utility design and **traffic engineering**. Genovese is in charge of the traffic work for all CVS/Pharmacy projects. His traffic and roadway expertise are often called upon when needed for other projects within the office.

#### **CVS – KENNER, LA, WILLIAMS BLVD. & WEST NAPOLEON AVENUE**

Genovese was Project Manager and Lead Civil Engineer for this project. The project included the design of all the paving and utilities including sanitary sewer, storm drain, **potable and fire water**, power and gas, and traffic design for this development.

#### **CVS - COVINGTON, LA - LA 21 & LA 1085**

Genovese was Project Manager and Lead Civil Engineer for this project. The project included the design of all the paving and utilities including sanitary sewer, storm drain, **potable and fire water**, power and gas, and traffic design for this development.

#### **CVS - MEMPHIS, TN - US 64 & HOUSTON LEVEE ROAD**

Genovese was Project Manager and Lead Civil Engineer for this project. The project included the design of all the paving and utilities including sanitary sewer, storm drain, **potable and fire water**, power and gas, and traffic design for this development.

#### **CVS – KENNER, LA, WILLIAMS BLVD. & WEST NAPOLEON AVENUE**

Genovese was Project Manager and Lead Civil Engineer for this project: **Traffic Impact Analysis and George Avenue Road Design**

Casey M. Genovese, P.E.

Resume

**Project Assignment – Senior Roadway / Traffic Engineering**

**CVS - COVINGTON, LA - LA 21 & LA 1085**

Genovese was Project Manager and Lead Civil Engineer for this project: **Resignalization and Intersection Restriping** from a signalized T-intersection to a signalized 4-way approach intersection.

**CVS - MEMPHIS, TN - US 64 & HOUSTON LEVEE RD.**

Genovese was Project Manager and Lead Civil Engineer for this project: **Road Widening, Intersection Restriping, Signal Pole Relocation & Resignalization**

**CVS - DENHAM SPRINGS, LA - S. RANGE AVE. (LA 3002) & NORTH ST.**

Genovese was Project Manager and Lead Civil Engineer for this project: **Design of a New Span Wire Traffic Signal including Intersection Restriping**

**CVS - MEMPHIS, TN - PARK AVE. & S. HIGHLAND ST.**

Genovese was Project Manager and Lead Civil Engineer for this project: **Intersection Radius Improvements, Signal Pole Relocation & Resignalization**

**CVS - OPELOUSAS, LA - US 190 & WALLIOR ST.**

Genovese was Project Manager and Lead Civil Engineer for this project: **Right Turn Lane Extension**

**CVS - BOSSIER CITY, LA - AIRLINE DR. & WEMPLE RD.**

Genovese was Project Manager and Lead Civil Engineer for this project: **Right Turn Lane Extension**



## TEC Professional Services Questionnaire

### KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

#### Name & Title:

William J. Muller, P.L.S.

#### Project Assignment:

Senior Land Surveyor / Lead Surveyor

#### Name of Firm with which associated:



**LINFIELD, HUNTER & JUNIUS, INC.**

#### Years' experience with this Firm:

18 Years

#### Education: Degree(s)/Year Specialization:

Southeastern Louisiana University / 1954

#### Active registration: Year first registered/discipline:

1995 / Land Surveying / LA License No. PLS. 0004756

#### Other experience and qualifications relevant to the proposed Project:

Muller has extensive experience in all aspects of land surveying throughout Louisiana. He was technical manager for the largest land survey firm in Southeast Louisiana for many years. Prior to that he worked in the offshore industry spotting well locations, run field crews for numerous Louisiana Power and Light topographic and boundary surveys, analyzed thousands of boundary surveys, and supervised multiple field crews, draftsmen and land surveys.

Following is a small sampling of Muller's experience:

- I-10 Metairie - Causeway to Orleans Parish Line - Topo & Right-of-Way
- I-10 Metairie - Clearview to Causeway - Topo
- I-10 Metairie - Veterans Memorial Blvd. to Clearview - Topo
- I-10 Kenner - Williams Blvd. Interchange - Topo & Right-of-Way
- US 190 - Mandeville - Causeway to State Park - Topo & Right-of-Way
- US 190 - Slidell - Fremaux Interchange - Topo & Right-of-Way
- US 190 - Slidell - Fremaux- 9<sup>th</sup> to I-10 - Topo & Right-of-Way
- I-10 Slidell - LA 433 to US 190 - Topo
- US 190 Slidell - US 11 to Thompson Rd. - Topo & Right-of-Way
- St. Tammany Parish East of Abita Springs - New Highway from LA 36 to LA 435 - Topo & Right-of-Way
- LA 611 - Metairie Road - Topo & Right-of-Way
- I-10 New Orleans - S. Broad to St. Charles - Topo
- LA 3139 Earhart Blvd. - Jefferson/Orleans Parish Line to Clara St. - Topo & Right-of-Way
- Lakes Charles - McNeese/Airport - Right-of-Way

## TEC Professional Services Questionnaire

### KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

#### Name & Title:

Cooper G. Ashworth, E.I.

#### Project Assignment:

Survey Coordinator

#### Name of Firm with which associated:



**LINFIELD, HUNTER & JUNIUS, INC.**

#### Years' experience with this Firm:

3 Years

#### Education: Degree(s)/Year Specialization:

Louisiana State University/B.S./2021/Civil Engineering  
FAA Certified Remote Pilot License/2021

#### Active registration: Year first registered/discipline:

2021 / Civil / LA License / EI.0034948

#### Other experience and qualifications relevant to the proposed Project:

Ashworth is a civil engineer intern with experience on various civil and structural engineering projects and also as a dock inspection team member and structural designer. In addition to his engineering duties Ashworth coordinates all in-house survey projects. He is an FAA Licensed Remote Pilot and has experience in surveying with Drones and Total Stations.

#### **ST. JAMES SOLAR, VACHERIE LA, ST. JACQUES SOLAR, VACHERIE LA, AND SUNLIGHT ROAD SOLAR, FRANKLINTON, LA**

**Survey Coordinator** and Party Chief. LH&J was responsible for conducting topographic and boundary surveys for 4,500 acre solar farm facility in Vacherie and Franklinton, LA. The projects consisted of surveying both through traditional surveying and by utilizing Lidar scanning technology. The project fee was over \$250,000.00. Determined site boundaries, provided contours and, collected georeferenced aerial imagery to provide a construction progress exhibit to the client, collected georeferenced aerial imagery to assist in the development of servitudes and parcels of land.

#### **RENE INDUSTRIES SAND PIT, DARROW, LA**

**Survey Coordinator.** LH&J provided land surveying in conjunction with the permitting of levee crossings and a sand pit on the batture. The project was permitted through CPRA, PLD and LADNR through the use of a Joint Permit Application.

#### **FRANCE ROAD YARD SURVEY, NEW ORLEANS, LA**

**Survey Coordinator.** Approximately 20 acre survey for the NOPBRR for the expansion of a railyard. Included topographic survey, hydrographic surveying of the industrial canal, aerial imagery and survey baseline control.

#### **ORPHEUM AVENUE, NEW ORLEANS, LA**

**Survey Coordinator** and Party Chief. Topographic Survey Drafting, Drone Surveying, Photogrammetry

## TEC Professional Services Questionnaire

### KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

#### Name & Title:

Vincent J. Leco, III, P.E.

#### Project Assignment:

Civil Engineer

#### Name of Firm with which associated:



**LINFIELD, HUNTER & JUNIUS, INC.**

#### Years' experience with this Firm:

4 Years

#### Education: Degree(s)/Year Specialization:

University of New Orleans - B.S. / 2019 / Civil Engineering

#### Active registration: Year first registered/discipline:

Civil / LA License / PE.0047935

#### Other experience and qualifications relevant to the proposed Project:

Leco is a civil engineer intern who has been with LH&J since 2020. He has worked on various civil engineering projects including improvements to major drainage structures, storm water management systems with green infrastructure, drainage pump stations, drainage studies, **new waterlines**, new sewer lines, utility expansions and relocations, surveying and site design.

#### **DOLLAR GENERAL STORES, VARIOUS LOCATIONS, TX**

**Civil Engineer.** Site developments for Dollar General Stores at various locations throughout Texas. These site developments consist of parking lot design, **site water** and sewerage, drainage and stormwater maintenance including detention storage.

#### **TRACTOR SUPPLY STORES, VARIOUS LOCATIONS, LA**

**Civil Engineer.** Site developments for Tractor Supply Stores at various locations throughout Louisiana. These site developments consist of parking lot design, **site water** and sewerage, drainage and stormwater maintenance including detention storage.

#### **HAYNE BOULEVARD RELIEF WELL DRAINAGE, NEW ORLEANS, LA**

**Civil Engineer.** Prepared plans and specifications for the connection of a relief well system into the existing subsurface drainage system along Hayne Blvd. Work required design and detailing of a **12-inch water main offset**.

#### **DESIRE STREET NEIGHBORHOOD, NEW ORLEANS, LA**

**Civil Engineer.** The project includes subsurface drainage improvements and roadway reconstruction on Piety St. from Florida Ave. to Higgins Blvd. The project also includes numerous paving incidental repairs and bringing all involved intersections to meet ADA code throughout Desire neighborhood and replacement of **water**, gravity sewer and subsurface drainage.



## TEC Professional Services Questionnaire

Vincent J. Leco, P.E.  
Project Assignment – Civil Engineer

Resume

### **MAGAZINE STREET ROADWAY IMPROVEMENTS, NEW ORLEANS, LA**

Engineer Intern for the first phase of the project which consisted of the reconstruction of Magazine St. from Leake Avenue to East Drive. The reconstruction includes regrading, new striping, adjustment of utility manholes where applicable, replacement of subsurface utilities including **water**, gravity sewer and subsurface drainage, removal & replacement of roadways and sidewalks, and installation of ADA ramps. The total project includes 12,500 linear feet of 35' wide concrete roadway construction, which includes a heavy-duty asphalt pavement with an underlying aggregate base course. One section of Magazine Street, consisting of 2,000 linear feet within Audubon Park, requires a major realignment in order to incorporate turning lanes accessing the park's facilities.

### **FEMA RECOVERY ROADS PROGRAM (RR028) DESIRE GROUP C, NEW ORLEANS, LA**

Engineer Intern. Prepared final design plans and cost estimate for this project. The total project consists of 20,585 linear feet of roadway reconstruction and rehabilitation. This includes the design and replacement or repair of the storm drainage system, gravity sewer lines and **water mains**.

### **LEONIDAS-FIG ST. TRANSMISSION WATERMAINS, NEW ORLEANS, LA**

Engineer Intern. Assisted in the **waterline replacement design**. The project consists of compression fit HDPE lining approximately 6700 linear feet of an existing 43.31" cast iron **water transmission main**, including connections at several locations, replacement of a section of 8" water main, and pavement replacement.

### **MARYVILLE-FONTAINBLEAU GROUP H (RR123), NEW ORLEANS, LA**

Engineer Intern. Assisted in the **waterline replacement design**. The project consists of replacing approximately 1300 linear feet of existing **watermain**, including connections at several locations.

### **VULCAN STREET, HARVEY, LA**

Engineer Intern. Developed plans and specifications for drainage upgrades and road replacement along Vulcan St. from Par 3 Dr. to Telestar St. The project includes removal and replacement of driveways, **water services**, gravity sewer, handicap ramps, approximately 1,000 linear feet of 28' wide of concrete road.

## TEC Professional Services Questionnaire

### KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

#### Name & Title:

Eric R. Wright, P.E.

#### Project Assignment:

Structural Engineer

#### Name of Firm with which associated:



**LINFIELD, HUNTER & JUNIUS, INC.**

#### Years' experience with this Firm:

4 Years

#### Education: Degree(s)/Year Specialization:

Louisiana State University/B.S./2020/Civil Engineering

#### Active registration: Year first registered/discipline:

2024 / Civil / LA License / PE.0049045

#### Other experience and qualifications relevant to the proposed Project:

Wright has been with LH&J since 2020 with experience predominantly in structural engineering analysis, design and detailing. His experience includes the analysis and design of bridges and **hydraulic structures** including major drainage structures such as flumes and box culverts and flood control structures such as levees, floodwalls, floodgates and bulkheads.

#### **SPRUCE STREET COMPRESSION-FIT WATER TRANSMISSION LINE, NEW ORLEANS, LA**

Designed and detailed modifications to an existing covered reinforced concrete box culvert to allow for the replacement of **30-inch diameter water main** that crosses the box culvert.

#### **CHARTENTON FLOODGATE REPLACEMENT, ST. MARY PARISH, LA**

Performed structural engineering designs and drafting on this project which involved the layout and design of the major structural elements that comprise the T-Walls, I-Walls that tie into existing levees, and the design of the floodgate structure. Wright performed construction administration activities including reviewing shop drawing submittals, reviewing RFIs, and conducting site visits to document progress.

#### **LUMBERTON FLOODGATE, LUMBERTON, NC**

Assisted in the analysis and design for multiple parts of the project. Some of the parts include designing the T-Walls, the drainage structures, and the temporary pile-supported steel bridge for the railroad. Additionally, Wright provided quality assurance and quality control by checking calculations and drawings.

#### **MORGANZA TO THE GULF OF MEXICO LEVEE, TERREBONNE PARISH, LA**

Performed structural engineering designs and drafting on the T-Walls and drainage structures for this project. Wright also created a 3D model of the T-Wall and drainage structures to check for battered pile conflicts.

#### **NEW MAINTENANCE BUILDINGS – ALGIERS AND CALCASIEU LOCKS, ORLEANS AND CALCASIEU PARISHES, LA**

Performed calculations and design for the reinforced concrete foundation (slab, beams, and piles), masonry walls, and the steel joists and steel beams. Additionally, Wright wrote concrete, steel, and masonry specifications for the project.

## TEC Professional Services Questionnaire

### KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

#### Name & Title:

Almedin Tursunovic, E.I.

#### Project Assignment:

Civil Engineering

#### Name of Firm with which associated:



**LINFIELD, HUNTER & JUNIUS, INC.**

#### Years' experience with this Firm:

2 Years

#### Education: Degree(s)/Year Specialization:

Louisiana State University/B.S./2021/Civil Engineering

#### Active registration: Year first registered/discipline:

2022 / Civil / LA License / PE.0049045

#### Other experience and qualifications relevant to the proposed Project:

Tursunovic is a civil engineer intern with two years of experience. He has worked on various civil and structural engineering projects and has been a survey crew member on many topographic, boundary and hydrographic surveys.

#### **JEFFERSON PARISH WATERLINE REPLACEMENT – SHANNON LANE E & W, KENDALL LANE, HUNTLEY LANE & MALVERN LANE, JEFFERSON PARISH, LA**

Engineer Intern. Prepared plans for this project that consists of the **replacement of existing distribution waterlines with new 8-inch waterline.**

#### **DOLLAR GENERAL STORES, VARIOUS LOCATIONS, TX**

Engineer Intern. Site developments for Dollar General Stores at various locations throughout Texas. These site developments consist of parking lot design, **site water** and sewerage, drainage and stormwater maintenance including detention storage.

#### **TRACTOR SUPPLY STORES, VARIOUS LOCATIONS, LA**

Engineer Intern. Site developments for Tractor Supply Stores at various locations throughout Louisiana. These site developments consist of parking lot design, **site water** and sewerage, drainage and stormwater maintenance including detention storage.

#### **HAYNE BOULEVARD RELIEF WELL DRAINAGE, NEW ORLEANS, LA**

Engineer Intern. Prepared plans for the connection of a relief well system into the existing subsurface drainage system along Hayne Blvd. Work required design and detailing of a **12-inch water main offset.**

## TEC Professional Services Questionnaire

### KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

#### Name & Title:

Bryce L. Vazquez, BSCE

#### Project Assignment:

Civil Engineering

#### Name of Firm with which associated:



**LINFIELD, HUNTER & JUNIUS, INC.**

#### Years' experience with this Firm:

3 Years

#### Education: Degree(s)/Year Specialization:

Louisiana State University/B.S./2021/Civil Engineering

#### Active registration: Year first registered/discipline:

2022 / Civil / LA License / PE.0049045

#### Other experience and qualifications relevant to the proposed Project:

Since joining LH&J in 2021, Vazquez has received successively more responsible assignments. He has achieved a wide array of civil engineering experience with a focus in **waterline** and sewer line design, subsurface drainage design and stormwater management systems including green infrastructure. He began his career with LH&J as a resident inspector and is now regularly called upon during construction administration to coordinate with contractors and field personnel.

#### **JEFFERSON PARISH WATERLINE REPLACEMENT – SHANNON LANE E & W, KENDALL LANE, HUNTLEY LANE & MALVERN LANE, JEFFERSON PARISH, LA**

Vazquez is preparing plans and specifications for this project that consists of the **replacement of small diameter water distribution lines with 8-inch waterlines** along several residential streets in Harahan, Louisiana.

#### **JEFFERSON PARISH WATERLINE REPLACEMENT – N. CAUSEWAY BLVD. & RIDGELAKE BLVD. (VETERANS BLVD. – 14<sup>TH</sup> ST.) AND 15<sup>TH</sup> ST. TO VETERANS BLVD. (N. CAUSEWAY BLVD. – TOLMAS DR.), JEFFERSON PARISH, LA**

Vazquez is preparing plans and specifications for this project that consists of the **replacement of existing distribution waterlines with new 12-inch waterline (2,000 linear feet) and 8-inch waterline (14,400 linear feet)**. Total estimated construction cost is \$12 million.

#### **WATER AND SEWERAGE EXTENSION – LINDBERG DRIVE TO EAST I-10 SERVICE ROAD, SLIDELL, LA**

Vazquez prepared plans for this project that includes the extension of a **12-inch potable water main across the I-10 by directional drilling** to provide water distribution to an area not currently served by public utilities. Vazquez is currently performing construction administration and inspector coordination.

## TEC Professional Services Questionnaire

Bryce L. Vazquez, BSCE

Resume

### **Project Assignment – Civil Engineering**

#### **FEASIBILITY STUDY FOR WATERLINE IMPROVEMENTS ALONG LAPALCO BOULEVARD, JEFFERSON PARISH, LA**

Vazquez identified conceptual layouts and prepared a design report for the **replacement of 24-inch, 30-inch and 36-inch diameter waterlines** along Lapalco Boulevard.

#### **VULCAN STREET DRAINAGE IMPROVEMENTS, JEFFERSON PARISH, LA**

Vazquez performed construction administration for this project that included drainage improvements along Vulcan Street between Par 3 Drive and Telestar Street including replacement of gravity sewer, **two waterline offsets**, replacement of concrete roadway pavement, curbing, driveways and sidewalks. Vazquez coordinated resident inspection, reviewed inspector daily reports, reviewed contractor invoices and provided resident inspection on an as-needed basis.

#### **N. SIBLEY STREET AT WEST NAPOLEON SUBSURFACE DRAINAGE IMPROVEMENTS (PHASE I II) JEFFERSON PARISH, LA**

Vazquez was the Resident Inspector for this subsurface drainage project that consisted of removing concrete walks and drives to install a **new 1,130 linear feet of 8" PVC/C900 Water Main**, removing 1000 feet of PCC pavement to install new 24" R.C.P. drain line, and replacing 6" sewer lines with PVC on a residential street in Metairie, LA. Vazquez monitored the work and contractor QC and QA activities, coordinated materials testing activities, verified contractor payment request quantities and prepared daily reports summarizing construction activities.



## TEC Professional Services Questionnaire

### KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

#### Name & Title:

Alexander R. Stapp, E.I.

#### Project Assignment:

Roadway / Traffic Engineering

#### Name of Firm with which associated:



**LINFIELD, HUNTER & JUNIUS, INC.**

#### Years' experience with this Firm:

2 Years

#### Education: Degree(s)/Year Specialization:

Louisiana State University / 2023 / BS / Civil Engineering

#### Active registration: Year first registered/discipline:

2023 / Civil / LA License No. EI.0035492

#### Other experience and qualifications relevant to the proposed Project:

Stapp's experience has been in site development and traffic engineering. He has prepared traffic impact analyses and conducted traffic flow studies using SYNCHRO.

#### **COMMERCIAL DEVELOPMENT – KENTWOOD, LA**

Stapp assisted the Project Engineer in preparing a **Traffic Impact Analysis** for a new commercial development being constructed along a LADOTD highway. The pre-developed and post-developed Level of Service of four intersections within the surrounding road network was analyzed for three different access connection options to determine which iteration would be allowed for the development. Stapp utilized SYNCHRO to establish levels of service.

#### **WEST NAPOLEON AVENUE EXTENSION – WILLIAMS BOULEVARD TO AIRPORT ACCESS ROAD – KENNER, LA**

Stapp utilized SYNCHRO to evaluate traffic flow for a proposed extension of West Napoleon Avenue between Williams Boulevard and Airport Access Road. Several configuration alternatives were evaluated at the intersection of the proposed extension and Airport Access Road so that the preferred alternative could be selected for design. Findings were summarized in a report.



## TEC Professional Services Questionnaire

### KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

#### Name & Title:

Daniel D. Bindewald

#### Project Assignment:

Survey Party Chief

#### Name of Firm with which associated:



**LINFIELD, HUNTER & JUNIUS, INC.**

#### Years' experience with this Firm:

15 Years

#### Education: Degree(s)/Year Specialization:

Southeastern Louisiana University / B.A. / Criminal Justice

#### Active registration: Year first registered/discipline:

N/A

#### Other experience and qualifications relevant to the proposed Project:

Bindewald has served as a survey crew member and more recently as a survey party chief on numerous projects.

Bindewald initially joined LH&J as a survey party crew member and began performing as the **crew chief** of LH&J's Survey Party Team 2 in 2009. Bindewald is proficient in the use of modern GPS/RTK survey instruments, as well as conventional total stations and levels. He is experienced in performing land surveys in all types of environments, including urban, forests and marshes. Bindewald has led survey crews conducting boundary, topographic and hydrographic surveys in Louisiana, Texas and Mississippi. He is knowledgeable of the USACE New Orleans District Minimum Survey Standards Edition 4.1, February 2015, (as well as prior editions) and has a high level of experience and expertise ensuring that all survey work performed by LH&J for the USACE New Orleans district is performed in strict compliance with these standards.

#### **INNER HARBOR NAVIGATION CANAL SURGE PROTECTION BARRIER, ORLEANS PARISH, LOUISIANA**

Provided surveying services including locating borings in the field and providing elevations with latitude and longitude coordinates. Located the USACE baselines and tied into the project control to provide station and offset data. Benchmarks were occupied and set for project control. Existing and final cross sections were taken providing cut/fill quantities, station and offset data for 36" diameter pipe piles were provided for QA/QC measures. Bindewald was the GPS survey party crew chief responsible for the accurate collection of all field survey data and reviewed the developed survey files and drawings for consistency with USACE New Orleans District Minimum Survey Standards. Construction cost was in excess of \$1.5 billion.

## TEC Professional Services Questionnaire

**Daniel D. Bindewald**

**Resume**

### **Project Assignment – Survey Party Chief**

#### **INNER HARBOR NAVIGATION CANAL SURGE PROTECTION BARRIER, ORLEANS PARISH, LOUISIANA**

Provided surveying services including locating borings in the field and providing elevations with latitude and longitude coordinates. Located the USACE baselines and tied into the project control to provide station and offset data. Benchmarks were occupied and set for project control. Existing and final cross sections were taken providing cut/fill quantities, station and offset data for 36" diameter pipe piles were provided for QA/QC measures. Bindewald was the GPS survey party crew chief responsible for the accurate collection of all field survey data and reviewed the developed survey files and drawings for consistency with USACE New Orleans District Minimum Survey Standards. Construction cost was in excess of \$1.5 billion.

#### **STORM PROOFING ORLEANS PARISH DRAINAGE PUMP STATIONS, NEW ORLEANS, LA**

Provided topographic surveys of 18 existing pump station sites for the project. Baselines and benchmarks were established to obtain elevations and latitude/longitude data. Utilities were located and related to the baselines using station/offset data, right-of-way maps were provided to the USACE for project design. Bindewald was the GPS Survey party crew chief responsible for the accurate collection of all field survey data and reviewed the developed survey files and drawings for consistency with USACE New Orleans District Minimum Survey Standards. Program Cost was approximately \$200 million.

#### **PREPARATION OF PLANS AND SPECIFICATIONS FOR THE HURRICANE PROTECTION SYSTEM AT WEST BANK NON-FEDERAL LEVEE NOV-NF-W-04 OAKVILLE TO LAREUSSITE IN PLAQUEMINES PARISH, LA**

During the design of this 8.3 mile levee and fronting protection project, Bindewald was the GPS survey party crew chief responsible for performing the supplemental surveys that were needed to complement the Government furnished survey information. Detailed topographic surveys were performed using GPS/RTK equipment at the Ollie Pump Station and at the interface with the adjacent WBV-09a floodwall. Hydrographic surveys were performed to collect bathymetric data for a number of canals and bodies of water that are immediately adjacent to the levee alignment. All elevation data was collected using the North American Vertical Datum (N.A.V.D. 88) (2004.65) and all X-Y coordinates were based upon the Louisiana State Plane Coordinate System, South Zone NAD 83, in U.S. survey feet. During the construction of the project, Bindewald was the GPS survey party chief responsible for field locating the locations for installing 30 temporary bench marks (TBMs) that were supported by 60-foot deep concrete filled boreholes. After construction of the TBMs he performed high precision  $\pm 1.5$  mm leveling surveys to tie the TBMs into the required vertical and horizontal datums. He also filed located the installation locations for 34 geotechnical instrumentation clusters and monitoring panels that are used to measure settlement during the first stage of the levee construction and then surveyed the precise elevation and location for each instrument after they were installed. As part of the settlement monitoring program, every two weeks Bindewald leads a survey crew that performs high precision elevation surveys of each of the 34 settlement plates and monitoring panels so that surveyed data can be correlated to the remotely monitored settlement gauges. Construction cost of the project is approximately \$45 million.

## TEC Professional Services Questionnaire

### KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

**Name & Title:**

Paul H. Morales, IV

**Project Assignment:**

Survey Party Chief

**Name of Firm with which associated:**

**LINFIELD, HUNTER & JUNIUS, INC.**

**Years' experience with this Firm:**

11 Years

**Education: Degree(s)/Year Specialization:**

University of New Orleans / B.S. / 2013 / Civil Engineering

**Active registration: Year first registered/discipline:**

N/A

**Other experience and qualifications relevant to the proposed Project:**

Morales has both civil engineering design experience and resident inspection experience. During two summers while still in college, he often served as an LH&J survey crew member. He was a design engineer for civil site work on numerous CVS/Pharmacy and Dollar General store sites. Large Scale Topographical and ALTA Surveys for U.S. Army Corps of Engineers, Plaquemines Parish Government and a major pharmacy chain. Elevation, Construction Layout and Pile Layout, GPS, Robotics, Total Station experience including data transfer, plotting and printing. Manual and Mechanical Traffic Counts. TWIC

**DESIRE NEIGHBORHOOD TOPOGRAPHIC AND SUBSURFACE SURVEY, NEW ORLEANS, LA**

LH&J provided topographic surveying services for the project that consisted of the patching and reconstruction of 20,285 linear feet of roadway across 39 blocks, construction of new concrete roadway, replacement of the storm drainage system, sewer lines and water mains. Role: Survey Party

**INNER HARBOR NAVIGATION CANAL SURGE PROTECTION BARRIER, ORLEANS PARISH, LA**

Provided surveying services including locating borings in the field and providing elevations with latitude and longitude coordinates. The USACE baselines were located and tied into the project control to provide station and offset data. Benchmarks were occupied and set for project control. Existing and final cross sections were taken providing cut/fill quantities, station and offset data for 36-inch diameter pipe piles were provided for QA/QC measures. Morales performed as a survey party technician for the accurate collection of all field survey data and reviewed the developed survey files and drawings for consistency with New Orleans District Minimum Survey Standards. Construction cost >\$1.5B

Paul H. Morales, IV  
Project Assignment – Survey Party Chief

Resume

**HSDRRS LEVEE PROFILES FOR SOUTHEAST LOUISIANA FLOOD PROTECTION AUTHORITY – EAST – LAKE PONTCHARTRAIN LEVEE SYSTEM**

Approximately 63 miles of earthen levee centerline profile surveys in Jefferson, Orleans and St. Bernard Parish using tilt rover and base stations. Project compared the existing profile elevations to the design profile elevations.

**SOUTHSHORE HARBOR, NEW ORLEANS, LA**

Hydrographic survey of approximately 150 acres in Southshore Harbor including portions of the navigation channel and Lake Pontchartrain. Included cross sections and profiles of approximately 10 acres of the north peninsula floodwall for a potential dredge spoil area.

**AVONDALE SHIPYARD REDEVELOPMENT, AVONDALE, LA**

Hydrographic surveys for 2 miles of the Mississippi River in front of the existing docks. USACE Baseline profile surveys and cross sections. Included batture surveys and topographic surveys of existing lay down areas.

**MAGAZINE STREET TOPOGRAPHIC SURVEY, NEW ORLEANS, LA**



LH&J provided topographic surveying services for the project that consisted of the reconstruction of 12,500 linear feet of 35' wide roadway, including removal of over 18,720 linear feet of streetcar tracks that are buried under Magazine Street, construction of new concrete roadway, replacement of the storm drainage system, sewer lines and water mains. Role: Survey Party

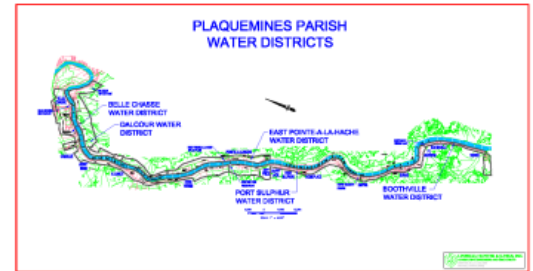


## TEC Professional Services Questionnaire

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



### PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>Saltwater Mitigation Project</b>  <b>Plaquemines Parish, Louisiana</b></p> <p><b>Plaquemines Parish Government</b>  <b>Department of Public Service</b>  <b>333 F. Edward Hebert Blvd., Bldg. 500</b>  <b>Belle Chasse, LA 70037</b>  <b>Ken Dugas, P.E.</b>  <b>(504) 934-6115</b></p>  	<p>In the late 1970's, the USCOE and the State of Louisiana initiated studies regarding deepening the Mississippi River channel to improve deep water access for the Ports along the river. Linfield, Hunter &amp; Junius, Inc. (LH&amp;J), who has been the water and sewerage engineering firm for the Plaquemines Parish Government (PPG) since the early 1970's, was retained to serve as technical advisor on the effects on the parish water supply due to the channel deepening. Deepening the channel increases the occurrence of saltwater intrusion in the river during low river stages, which has the potential of rendering the river water along the lower reaches of the Mississippi unusable, particularly at the water treatment plants at Boothville, East Pointe-a-La-Hache (EPALH), and West Pointe-a-La-Hache (WPALH).</p> <p>LH&amp;J developed what became known as the Plaquemines Parish Plan for mitigating the effects upon the Parish water system of saltwater intrusion due to the channel deepening project. On the West Bank of the Parish, this plan entailed the construction of increased capacity at the Belle Chasse Water Plant which is far enough upriver so as to be normally unaffected by saltwater intrusion. The water produced at this plant is then delivered to the downriver regions of the Parish through transmission and distribution system, which was improved and completed by the addition of booster pumping stations and transmission lines.</p> <p>On the East bank, the Plaquemines Plan entailed the utilization of an existing raw water reservoir in conjunction with the construction of raw water transmission lines and pumps to deliver raw water to the EPALH plant during saltwater events.</p> <p>LH&amp;J provided complete engineering services for this project including all studies, planning, hydraulic modeling, plans, specifications, and resident inspection for over 88,000 linear feet of large diameter water transmission line, four booster pump stations, SCADA system, and a 2.5 MGD expansion of the Belle Chasse Water Treatment Plant. Nine construction contracts were awarded and successfully completed.</p> <p><b>Key Features Related to this Solicitation:</b>  Data Assembly; Water Distribution Evaluation; Hydraulic Modeling; Conceptual Improvement Recommendations with Budgets; Summary Reports</p> <p><b>Key Personnel Participation:</b>  Robert E. Nockton, P.E.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2002 A	\$13,100,000	\$13,100,000







## TEC Professional Services Questionnaire

PROJECT NO. 2						
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:					
<p><b>Jefferson Parish Waterline Replacement – Shannon Lane E &amp; W, Kendall Lane, Huntley Lane &amp; Malvern Lane</b> Jefferson Parish, LA</p> <p><b>Jefferson Parish Government</b> Department of Water 1221 Elmwood Park Blvd. Jefferson, LA 70123 Sidney J. Bazley, III (504) 736-6742</p> <div style="text-align: center; margin-top: 20px;">  </div>	<p>As part of its long-term plan to update its potable water system, Jefferson Parish is replacing old and undersized water distribution lines. LH&amp;J is providing professional services for the replacement of waterlines along the following streets in Harahan, Louisiana: Shannon Lane East, Shannon Lane West, Kendall Lane, Huntley Lane and Malvern Lane.</p> <p>LH&amp;J is providing the following professional services for this project: topographic surveying, engineering design, preparation of plans and specifications, permitting assistance, bid phase services, construction administration and resident inspection services.</p> <div style="text-align: center; margin-top: 20px;">  </div> <p><b><u>Key Features Related to this Solicitation:</u></b> Potable Waterline (Distribution)</p> <p><b><u>Key Personnel Participation:</u></b> Nathan J. Junius, P.E., P.L.S., PTOE; Robert E. Nockton, P.E.; John M. Jackson, P.E.; Almedin Tursunovic, E.I.; Bryce L. Vazquez; Cooper G. Ashworth, E.I.; Daniel D. Bindewald; Paul H. Morales, IV</p>					
<p><b>Completion Date (Actual or estimated):</b></p>	<p style="text-align: center;"><b>Estimated Cost:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #00a0e3; color: white;"> <th style="width: 35%; padding: 5px;">Entire Project:</th> <th style="width: 35%; padding: 5px;">Work for which Firm was Responsible:</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; padding: 10px;">2025 E</td> <td style="text-align: center; padding: 10px;">\$3,240,000</td> </tr> </tbody> </table>		Entire Project:	Work for which Firm was Responsible:	2025 E	\$3,240,000
Entire Project:	Work for which Firm was Responsible:					
2025 E	\$3,240,000					

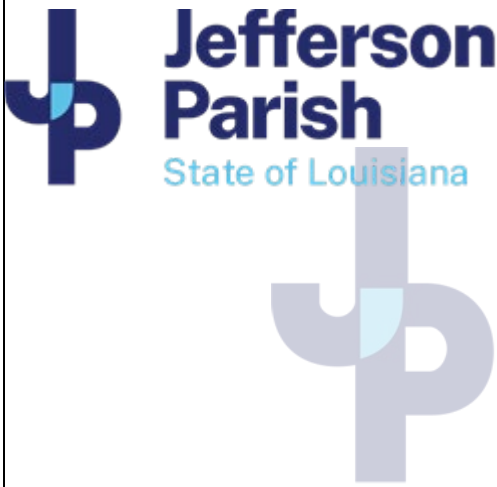
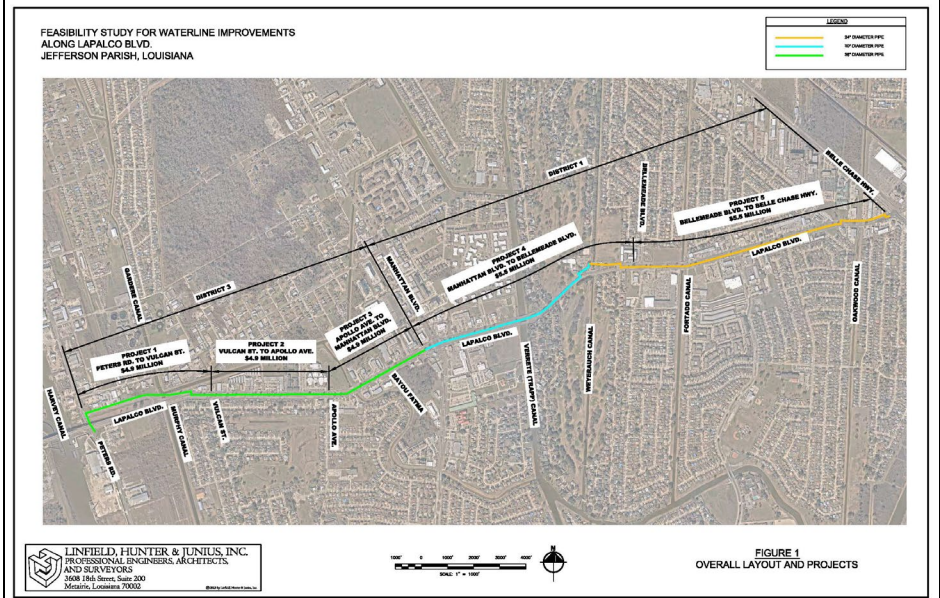


## TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>Jefferson Parish Waterline Replacement – N. Causeway Blvd. &amp; Ridgelake Blvd. (Veterans Blvd. – 14<sup>th</sup> St.) and 15<sup>th</sup> St. to Veterans Blvd. (N. Causeway Blvd. – Tolmas Dr.)</b> Jefferson Parish, LA</p> <p>Jefferson Parish Government Department of Water 1221 Elmwood Park Blvd. Jefferson, LA 70123 Sidney J. Bazley, III (504) 736-6742</p> <div style="text-align: center;">  </div>	<p>As part of its long-term plan to update its potable water system, Jefferson Parish is replacing old and undersized water distribution lines. LH&amp;J is providing professional services for the replacement of waterlines along the following streets in Metairie, Louisiana: N. Causeway Boulevard and Ridgelake Drive between Veterans Boulevard and 14<sup>th</sup> Street and 15<sup>th</sup> Street, 16<sup>th</sup> Street, 17<sup>th</sup> Street, 18<sup>th</sup> Street, 19<sup>th</sup> Street, 20<sup>th</sup> Street, 21<sup>st</sup> Street, 22<sup>nd</sup> Street, Kenneth Street and Veterans Boulevard between N. Causeway Boulevard and Tolmas Drive.</p> <p>LH&amp;J is providing the following professional services for this project: engineering design, preparation of plans and specifications, permitting assistance, bid phase services, construction administration and resident inspection services.</p> <div style="text-align: center;">  </div> <p><b><u>Key Features Related to this Solicitation:</u></b> Potable Waterline (Distribution)</p> <p><b><u>Key Personnel Participation:</u></b> Nathan J. Junius, P.E., P.L.S., PTOE; Robert E. Nockton, P.E.; Bryce L. Vazquez</p>	
<p style="text-align: center;"><b>Completion Date (Actual or estimated):</b></p>	<p><b>Estimated Cost:</b></p>	
	<p><b>Entire Project:</b></p>	<p><b>Work for which Firm was Responsible:</b></p>
<p>2025 E</p>	<p>\$12,000,000</p>	<p>\$12,000,000</p>

## TEC Professional Services Questionnaire

### PROJECT NO. 4

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>Feasibility Study for Waterline Improvements along Lapalco Boulevard</b> Jefferson Parish, LA</p> <p>Jefferson Parish Government Department of Water 1221 Elmwood Park Blvd. Jefferson, LA 70123 Sidney J. Bazley, III (504) 736-6742</p> 	<p>As part of its long-term plan to update its potable water system, Jefferson Parish is replacing old and undersized water distribution lines. The focus of this study is the replacement of an existing transmission water main (36-inch, 30-inch and 24-inch concrete pipe) along Lapalco Boulevard on the West Bank of the Mississippi River between the Harvey Canal and Belle Chasse Highway. This study included the identification of an alignment for the proposed replacement waterline, recommending materials and installation methods for the proposed waterline, estimating construction costs and identifying several feasible projects for its design and construction.</p>  <p><b>Key Features Related to this Solicitation:</b> Potable Waterline (Transmission); Feasibility Study</p> <p><b>Key Personnel Participation:</b> Nathan J. Junius, P.E., P.L.S., PTOE; Robert E. Nockton, P.E.; Bryce L. Vazquez</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023 A	\$64,800 (Fee)	\$64,800 (Fee)

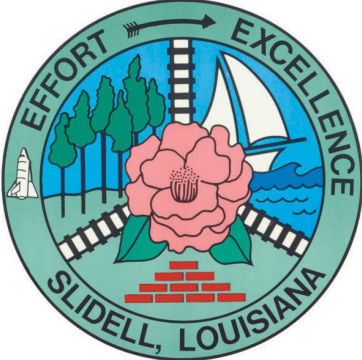

## TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>20-Inch Water Transmission Main Relocation</b>  <b>Plaquemines Parish, LA</b></p> <p><b>Plaquemines Parish Government</b>  <b>Department of Public Service</b>  <b>333 F. Edward Hebert Blvd., Bldg. 500</b>  <b>Belle Chasse, LA 70037</b>  <b>Ken Dugas, P.E.</b>  <b>(504) 934-6115</b></p> <div style="text-align: center; margin-top: 20px;">  </div>	<p>Entergy recently constructed new overhead electrical transmission facilities on the West Bank of the Mississippi River of Plaquemines Parish beginning at an existing substation along Walker Road in Oakville, thence along Walker Road to Louisiana Highway 23, thence southerly along Louisiana Highway 23 to a substation adjacent to the Alliance Refinery. Along Highway 23, Entergy constructed their facilities along the western side of Highway 23. Between Oakville and La Reussite the new Entergy transmission poles would have conflicted with an existing 20-inch diameter water transmission line. To accommodate construction of these Entergy facilities, a <b>22,000 linear foot reach of this 20-inch diameter water transmission main</b> was relocated.</p> <div style="text-align: right; margin-top: 10px;">  </div> <p>Prior to design, alternative locations with cost estimates for the relocation were investigated. Existing fire hydrants, valves and cross connects with a parallel 12-inch distribution line were replaced in kind along the new 20-inch main. Continuous operation of the existing transmission main during construction was necessary. To accommodate this, bypass setups were installed at all tie-in locations.</p> <p>Linfield, Hunter &amp; Junius, Inc. provided complete engineering services for this project including topographic surveying, design, bid phase and construction phase services including resident inspection.</p> <p><b><u>Key Features Related to this Solicitation:</u></b>  Potable Waterline (Transmission); Jacking and Boring</p> <p><b><u>Key Personnel Participation:</u></b>  Nathan J. Junius, P.E., P.L.S., PTOE; Robert E. Nockton, P.E.; John M. Jackson, P.E.; Daniel A. Flores, P.E.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2017 A	\$4,200,000	\$4,200,000




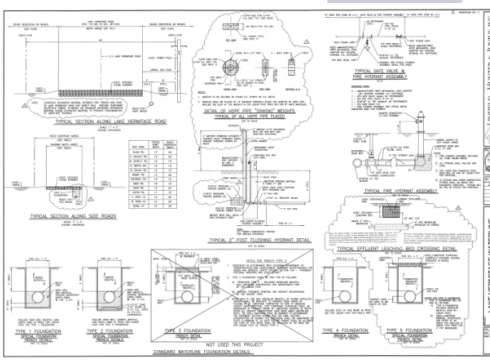

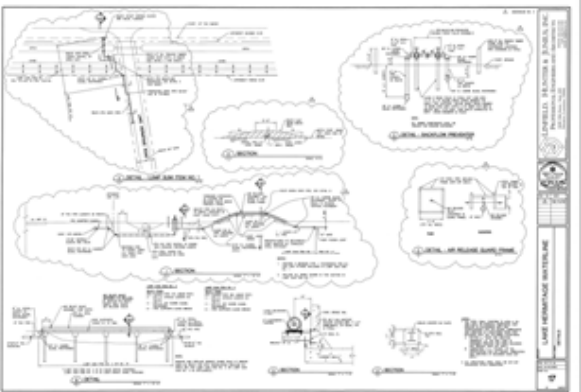
## TEC Professional Services Questionnaire

### PROJECT NO. 6

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>Water and Sewerage Extension – Lindberg Drive to East I-10 Service Road Slidell, LA</b></p> <p><b>City of Slidell</b>  <b>Department of Public Works</b>  <b>250 Bouscaren Street</b>  <b>Slidell, LA 70458</b>  <b>Blaine Clancy</b>  <b>(985) 646-4270</b></p> 	<p>The portion of Slidell north of Highway 190 and between the I-10 and the East I-10 Service Road currently is not served by public utilities. To encourage development along this corridor, the City of Slidell is extending water and sewerage service from Lindberg Drive to the East I-10 Service Road and thence along the East I-10 Service Road to US 190 and Natchez Drive. The first phase of work will consist of the installation</p> <p>of a <b>new 12-inch diameter water main</b> and 6-inch diameter sewage force main from Lindberg Drive across the I-10 to the East I-10 Service Road and the construction of a new sewage lift station along the East I-10 Service Road. This reach includes <b>bores of the water main</b> and force main beneath the I-10 a total with bore lengths of approximately 700 linear feet each. Subsequent phases of work will extend the water main and sewage system along the East I-10 Service Road to US 190 and Natchez Drive, an additional length of 4,400 linear feet.</p> <p>LH&amp;J is providing professional engineering services for this project including preparation of plans and specifications, bid phase services, and construction phase services. Additional services provided by LH&amp;J include assisting the City of Slidell to obtain permits from the Louisiana Department of Health and Louisiana Department of Transportation and Development.</p> <p><b><u>Key Features Related to this Solicitation:</u></b>  Potable Waterline (Distribution); Horizontal Directional Drilling of Pipe; Permitting</p> <p><b><u>Key Personnel Participation:</u></b>  Nathan J. Junius, P.E., P.L.S., PTOE; Robert E. Nockton, P.E.; John M. Jackson, P.E.; Bryce L. Vazquez</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2024 E	\$1,200,000	\$1,200,000



## TEC Professional Services Questionnaire

### PROJECT NO. 7

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>Lake Hermitage Waterline</b>  <b>Plaquemines Parish, LA</b></p> <p><b>Plaquemines Parish Government</b>  <b>Department of Public Service</b>  <b>333 F. Edward Hebert Blvd., Bldg. 500</b>  <b>Belle Chasse, LA 70037</b>  <b>Ken Dugas, P.E.</b>  <b>(504) 934-6115</b></p> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>Lake Hermitage Road extends from Highway 23 just south of Myrtle Grove on the West Bank of Plaquemines Parish southerly about 5 miles along the bank of an old bayou that once formed a part of the Mississippi River Delta. Lake Hermitage Road provides access to the Lake Hermitage Community and to communities along the Deer Range Canal and Suzie Bayou.</p> <p>When this project was initiated a potable water system did not exist in these communities. Residents relied on cisterns and on trucked water for their water supply. Linfield, Hunter &amp; Junius, Inc. provided complete engineering services for the design and construction administration of a new potable water service system along Lake Hermitage Road from the Parish water system along Highway 23 to the communities along Lake Hermitage Road.</p> <p>The new water system consisted of a dead end main line along Lake Hermitage Road, with branching dead end lines at each of the communities along Lake Hermitage Road. To protect against cross-contamination, automatic flushing devices were installed at the end of the main line and at the end of each dead-end branch, and a backflow prevention device was installed along Highway 23 at the Parish supply line.</p> <p>LH&amp;J provided the following professional services for this project: topographic surveying, engineering design, preparation of plans and specifications, permitting assistance, bid phase services, construction administration and resident inspection services.</p> <p><b>Key Features Related to this Solicitation:</b>  Potable Waterline (Distribution)</p> <p><b>Key Personnel Participation:</b>  Robert E. Nockton, P.E., Mark K. Annino, E.I.</p> </div> <div style="width: 35%;">   </div> </div>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2010 A	\$2,000,000	\$2,000,000


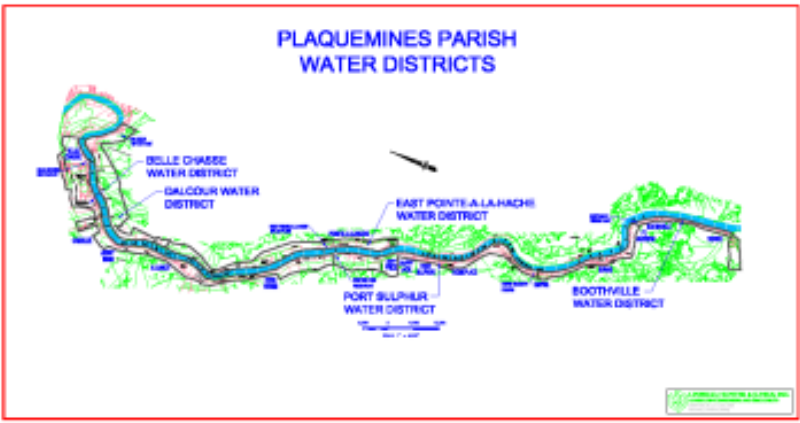


## TEC Professional Services Questionnaire

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>Belle Chasse Water Treatment Plant Expansion</b>  <b>Belle Chasse, Louisiana</b></p> <p><b>Plaquemines Parish Government</b>  <b>Department of Public Service</b>  <b>333 F. Edward Hebert Blvd., Bldg. 500</b>  <b>Belle Chasse, LA 70037</b>  <b>Ken Dugas, P.E.</b>  <b>(504) 934-6115</b></p> <div style="text-align: center;">  </div> <p><u><b>Key Features Related to this Solicitation:</b></u>  Water Treatment Plant Design; Permitting</p> <p><u><b>Key Personnel Participation:</b></u>  Robert E. Nockton, P.E.</p>	<div style="text-align: center;">  </div> <p>As part of the Saltwater Mitigation Project for Plaquemines Parish, the Belle Chasse Water Treatment Plant was expanded by 2.5 million gallons per day (MGD) to provide water to the south end of Plaquemines Parish during severe low water events. Linfield, Hunter &amp; Junius, Inc. (LH&amp;J) provided complete engineering services for this project.</p> <p>The first step of the process included an evaluation of existing and alternative treatment processes for conformance with existing and anticipated water quality regulations. Since the mid 1980's an increased emphasis has been placed upon these regulations. As a result, formulation of treatment strategies to meet anticipated requirements was key to the expansion. A report was issued outlining key issues and recommended construction. Elements of the recommended expansion included expansion of the existing raw water pumping system, new electrical distribution panel for the facility, construction of a new upflow clarifier and filter building with four 23'x14' dual media filters with stainless steel underdrains, construction of a new 1.5 million gallon concrete reservoir for clear water storage and additional disinfectant contact time, construction of a new service pump station with new electrical controls and variable frequency drives, conversion of the existing service pump station to a transfer pump station, and installation of a SCADA system.</p> <p>After gaining approval of the plan by Plaquemines Parish and the United States Army Corps of Engineers, LH&amp;J provided full engineering services for design, bidding and construction administration for the plant expansion. LH&amp;J also provided assistance during plant start up. The project was constructed in phases with the first phase constructed in 1998 and the second in 2001. The facility is currently meeting all current and anticipated water quality regulations.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2001 A	\$15,000,000	\$15,000,000


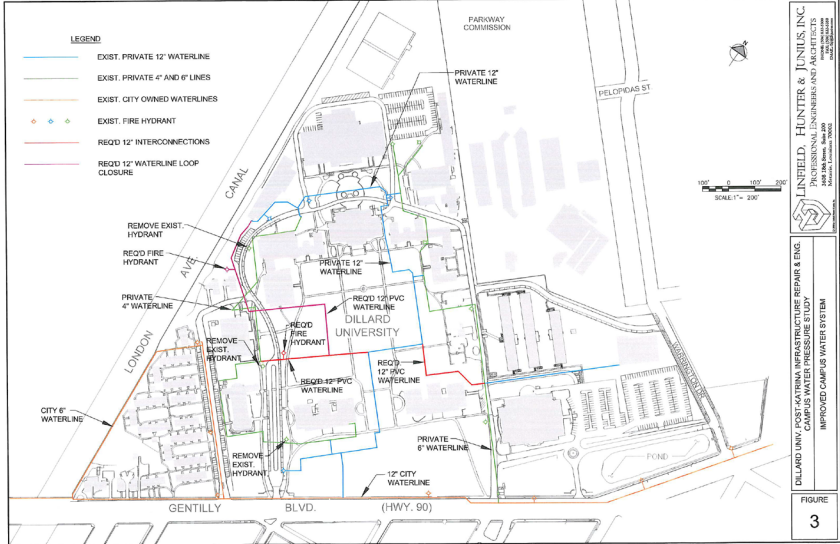


## TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>Water Transmission Line Deer Range to West Pointe-a-la-Hache</b>  <b>Plaquemines Parish, LA</b></p> <p><b>Plaquemines Parish Government</b>  <b>Department of Public Service</b>  <b>333 F. Edward Hebert Blvd., Bldg. 500</b>  <b>Belle Chasse, LA 70037</b>  <b>Ken Dugas, P.E.</b>  <b>(504) 934-6115</b></p> <div style="text-align: center;">  </div>	<p>As part of the Saltwater Mitigation Project in Plaquemines Parish, LA, a water transmission line of 26,000 linear feet of 20" PVC C905 was installed. This line linked the Belle Chasse Water System for the first time to the Port Sulphur and Boothville water systems.</p> <p>As a result of this project, previously unserved areas of the Parish were made usable, thus enhancing property values and opportunities for developers. Under the scope of this project the Plaquemines Parish Government (PPG) also replaced an existing 8" line that had to be relocated due to highway widening and was constructed prior to the widening of the highway.</p> <p>The required right-of-way was computed and staked to ensure non-interference with ongoing highway work. LH&amp;J coordinated the required right of way acquisition with Plaquemines Parish and with the State Highway Department. The project also included a 200' long encased highway crossing, which was installed by directional drilling to Louisiana Department of Transportation and Development specifications.</p> <div style="text-align: center;">  </div> <p><b><u>Key Features Related to this Solicitation:</u></b>  Potable Waterline (Transmission)</p> <p><b><u>Key Personnel Participation:</u></b>  Robert E. Nockton, P.E.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2001 A	\$2,000,000	\$2,000,000

## TEC Professional Services Questionnaire

### PROJECT NO. 10

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>Dillard University Waterline Replacement</b> New Orleans, LA</p> <p><b>Dillard University</b> 2601 Gentilly Boulevard New Orleans, LA 70122 Adonis Woods (504) 816-4375</p> 	<p>Dillard University was constructed in the 1930's along Gentilly Boulevard in New Orleans. By the late 1990s a number of operating problems associated with the water, sewerage and drainage systems became apparent. Linfield, Hunter &amp; Junius, Inc. was retained by Dillard University to assess their water, sewerage, and drainage systems and to provide budgets for improvements to be undertaken as part of a \$25 million bond program. A budget of \$ 3M was set for these improvements. The following summarizes the findings for the water system:</p> <p>The Dillard University water system was constructed of 4" lines in the 1930's and improved in places to 6" lines in the 1960's. The University was experiencing low flows during times at peak use and fire flows were marginal. Linfield, Hunter &amp; Junius, Inc. performed flow testing throughout the campus and recommended installation of a 12" PVC waterline loop to boost flows and pressures. Upon completion of the loop, Dillard University reported improved flows and pressures throughout the campus.</p>  <p><b>Key Features Related to this Solicitation:</b> Potable Waterline (Distribution); Flow Testing; Hydraulic Modeling; Conceptual Improvements with Budgets; Summary Report</p> <p><b>Key Personnel Participation:</b> Nathan J. Junius, P.E., P.L.S., PTOE; Robert E. Nockton, P.E.; Mark K. Annino, E.I.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2013 A	\$1,500,000	\$1,500,000

**TEC Professional Services Questionnaire**

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

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

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

**INTRODUCTION**

**Linfield, Hunter & Junius, Inc. (LH&J)** is pleased to submit its proposal for the **Jefferson Parish Routine Engineering Services for Water Projects**. LH&J and previous firms have been providing quality engineering and architectural services for over 65 years and to Jefferson Parish since 1991. As the design engineering consultant for numerous previous water projects, LH&J is well postured to provide Jefferson Parish with a team of highly experienced and extremely capable engineers, land surveyors, and other design professionals who are intimately familiar with the critical design and construction considerations that are unique to these types of projects. Our past experience in Jefferson Parish gives us the knowledge and understanding of the needs of these types of water projects. This along with our extensive experience in civil engineering design puts LH&J in the unique position of being able to dive straight into the project without a learning curve. LH&J will provide all in-house expertise and personnel for civil and structural engineering, land surveying and traffic engineering (if needed).

Should an individual project require specialty subconsultants such as mechanical, electrical, geotechnical, etc. we will supply appropriate subconsultants in accordance with the Jefferson Parish Code of Ordinance.

## TEC Professional Services Questionnaire

We offer a very compact team of local professionals with specialized experience specific to the scope of work required by this solicitation. All work will be performed at the offices of LH&J located in Metairie, LA. Furthermore, LH&J's in-house land surveyors will be prioritized to this project to ensure that field survey data is rapidly obtained and furnished to our design team. Also, any requirements to obtain supplemental data as the project progresses will be quickly addressed to avoid delays.

### **Major continuing repeat public clients include:**

- ✓ *Jefferson Parish since 1991 (33 years)*
- ✓ *The Port of New Orleans since 1971 (53 years)*
- ✓ *U.S. Army Corps of Engineers since 1973 (51 years)*
- ✓ *Plaquemines Parish Government since 1973 (51 years)*
- ✓ *City of New Orleans since 1974 (50 years)*
- ✓ *U.S. Navy, Southern Division since 1975 (49 years)*
- ✓ *Sewerage & Water Board of New Orleans since 1979 (45 years)*
- ✓ *St. Charles Parish since 1994 (30 years)*
- ✓ *Tangipahoa Parish since 2006 (18 years)*

## **A. EVALUATION CRITERIA**

### **A.1 Professional Training and Experience**

Our Team is well-qualified to provide the services required for this project.

**Examination of the Resumes in Item K and the Project Descriptions in Item L demonstrates the extensive experience of our staff** to provide the services required for water projects.

**LH&J professionals are licensed to practice civil engineering, environmental engineering, structural engineering, surveying, and architecture, and are nationally certified.** As design professionals, the LH&J staff members are active in professional organizations and take advantage of continuing education opportunities. Company design professionals attend seminars on the latest in civil, environmental, structural, and architectural design, traffic and surveying, code issues and applications, regulatory matters, materials, Total Quality Management (TQM), project management, and business management.

**The management staff of Linfield, Hunter & Junius, Inc. has been recognized by their peers for their professionalism, expertise, and leadership.** The staff members are actively involved in professional associations, and often have served as President, Vice President or Committee Chairmen for these associations.

We anticipate the following services will be required for these projects:

- ✓ Civil Engineering – LH&J will perform all civil and structural engineering work required.
- ✓ Land Surveying – LH&J will perform all land surveying work required.
- ✓ Traffic Engineering – LH&J will provide all traffic engineering services, if necessary, that may be required.

## TEC Professional Services Questionnaire

### **Civil Engineering**

Civil and structural engineering will be performed by the team of Linfield, Hunter & Junius, Inc.

LH&J is a premier water expert in the metropolitan New Orleans area.

A summary of Linfield, Hunter & Junius, Inc.'s professional training and experience in the areas of water includes:

- ✓ Professional staff with well over 100 cumulative years of experience in water projects (see Item K).
- ✓ Firm background of over 30 years of major water experience.
- ✓ A proven track record of completed water projects from feasibility studies following through to completed construction.
- ✓ Recent successful completion of water projects relevant to this proposal.
- ✓ A working knowledge of state-of-the-art computerized methods and procedures for studies and design.

Linfield, Hunter & Junius, Inc. has a staff of engineers with significant experience in the areas of water system engineering. The following key personnel highlights this experience:

- Nathan J. Junius, P.E., P.L.S., PTOE / Principal in Charge – 23 years of water system projects
- Robert E. Nockton, P.E. / Project Manager – 29 years of water system design experience including transmission mains, distribution lines and treatment plants
- Mark K. Annino, E.I. / Civil Engineering Team Leader – 29 years of water system design experience including transmission mains and distribution lines
- John M. Jackson, P.E. / Lead Civil Engineer – 9 years of water system design experience including transmission mains and distribution lines
- Daniel A. Flores, P.E. / Lead Structural Engineer – 16 years of structural design experience including structural elements in water systems, hydraulic structures and treatment plants

Linfield, Hunter & Junius, Inc. has designed hundreds of water projects for various public agencies and private entities. In the last 20 years the firm has been responsible for the design and contract administration of over \$65,000,000 of water facilities projects.

Below is a partial list of water projects relevant to this solicitation:

#### Transmission Water Mains:

- 20" Water Transmission Main Relocation – Oakville to La Reussite
- 12" Lake Hermitage Waterline
- Saltwater Mitigation - 20" Water Transmission Line, Deer Range to West Pointe-a-la-Hache
- Saltwater Mitigation - 20" Water Transmission Line, Oakville to Myrtle Grove
- Saltwater Mitigation - 16" Water Transmission Line, Port Sulphur
- Saltwater Mitigation – 20" Water Transmission Line, Ironton - Deer Range Waterline
- 43" and 48" Waterline Relocation South Claiborne Avenue
- Metairie Road Bridge Replacement – 24" Waterline Relocation
- Hoey Canal Improvements - Relocation of 24" Waterline at Hoey's Cut



## TEC Professional Services Questionnaire

- 12" Waterline Avenue G to Woodland Hwy.
- 12" Waterline Theodore Mannich to White Ditch
- Utility Relocations Hwy. 23 Widening City Price Happy Jack – 20" Waterline
- 12" Empire Doullut Canal Waterline
- 12" Waterline Replacement, Phoenix to Davant
- Southeast Louisiana Drainage Project, Oleander & Dublin Streets
- E Pointe a la Hache Saltwater Mitigation

### Distribution Waterlines:

- Jefferson Parish Waterline Replacement – Shannon Lane E & W, Kendall Lane, Huntley Lane & Malvern Lane (**JEFFERSON PARISH PROJECT**)
- Jefferson Parish Waterline Replacement – N. Causeway Blvd. & Ridgelake Blvd. (Veterans Blvd. – 14th St.) and 15th St. to Veterans Blvd. (N. Causeway Blvd. – Tolmas Dr.) (**JEFFERSON PARISH PROJECT**)
- Water and Sewerage Extension – Lindberg Drive to East I-10 Service Road
- Happy Jack Waterline Replacement
- Waterlines: Coast Guard Rd, Venice Theatre, Stumpf Lane, Blanchard Lane, Clem Lane
- Dillard University – 12" Waterline Loop
- Pontchartrain Point Subdivision
- Woldenberg Village
- City of New Orleans Streets (Magazine and Prytania)
- City of New Orleans - Major Street Bond Program - Alcee Fortier/Pressburg Streets
- KMI Port Facility
- Pendleton Memorial Methodist Hospital, Phase 1A and 1B
- Oakwood - J.C. Penney Site Expansion
- Fire District No. 5 Waterline
- Veneston Wood Chip Facility
- Earhart Corridor
- La Plata Port
- 12" Waterline Relocation at Courthouse, Plaquemines Parish
- Grand Bayou Waterline
- 8" Waterline from Hwy 11 to Hwy 23
- Utility Relocation at Happy Jack Marina
- Tchoupitoulas Corridor Religious and Felicity Streets
- Replace Buras Waterlines
- La Reussite Waterline Relocation
- Old Railroad Waterline - Empire
- Epsilon Street Waterline
- Waterline Bypass of Freshwater Diversion, West Pointe a la Hache
- Oakwood Site Expansions - Servitudes, Roadway, Utility Relocations
- Waterline Replacement - East Pointe a la Hache
- 12" Waterline - Empire to Buras
- Lower Plaquemines Waterlines - Buras to Fort Jackson
- Shemberdy Industrial Park
- Renovate Men and Women's Head, Building 8, Naval Support Activity
- Head Expansion, 603-2C, Naval Support Activity
- Reach "A" Utility Relocations Waterline Relocation - Duvic-Venice



## TEC Professional Services Questionnaire

- South Kenner Roadway Improvements
- 8 Minor Streets, New Orleans
- Lapalco Village Shopping Center, Phase I and II
- Wenzel Subdivision
- Beau Pre Drive Waterline Extension
- Carrollton Industrial Park, Phases I and II
- Metairie Road Property Development
- Utility Tunnel Investigation - Loyola Comm Complex
- Miscellaneous Waterlines, Houston, TX
- Waterline Addition, Boothville and Venice, LA
- Boat Harbor Waterlines, Venice, LA
- Belle Chasse Subdivision
- Homeplace - Happy Jack Waterline Investigation for Four Lane Highway
- Davis Plantation Park Shopping Center
- Scarsdale Waterline Extension
- Dalcour Water Intake Repairs
- Cazalard Roadway
- S. Salcedo Street Design
- Norco Highway
- Davis Plantation Subdivision, Phases II and III
- Lutchter Highway

### Water Treatment Plants:

- Belle Chasse Water Treatment Plant Expansion
- Belle Chasse Water Treatment Plant Clear Water Reservoir
- Empire Intake Piping

### Studies:

- Feasibility Study for Waterline Improvements along Lapalco Boulevard (**JEFFERSON PARISH PROJECT**)
- Saltwater Mitigation Project
- Dillard University Waterline Pressure Study
- Lake Hermitage Water Service Study
- Belle Chasse Utility Planning
- Water System Consultation, Freeport McMoran Facilities, Port Sulphur, Louisiana

Many of the projects listed above are anticipated to have scopes similar to the types of projects anticipated under this solicitation. Some of LH&J's major projects with relevant scopes are included in Item L of this document.

### Land Surveying

Land surveying will be performed by the team of Linfield, Hunter & Junius, Inc.

**Linfield, Hunter & Junius, Inc. (LH&J)** has provided professional land surveying services to public and private clients throughout Southeastern Louisiana for over 20 years.

Linfield, Hunter & Junius, Inc. (LH&J) employs **two (2) full time Registered Professional Land Surveyors** and maintains **four (4) fully staffed survey field crews** who are equipped

## TEC Professional Services Questionnaire

with modern vehicles and state of the art survey equipment for both conventional and GPS surveying. Our crews have worked in difficult terrain conditions, including coastal marshes, and are equipped for and experienced at performing topographic, boundary, topographic bathymetric, right-of-way, control, and hydrographic surveys as well as performing bench leveling, construction layout surveys and settlement monitoring surveys. Our CADD Drafters are highly experienced in working with both Bentley MicroStation and Autodesk AutoCAD as required. LH&J also utilizes add in modules such as ArcView, Civilsoft and InRoads to enhance the efficiency of data processing and project deliverables. We are competent at working with any vertical and horizontal datum as specified by the Client's requirements. We utilize computer based survey data processing software to achieve maximum efficiency and ensure rapid and reliable deliverables for our Clients. Since placing an increased emphasis on land surveying services, the firm has completed over \$1,000,000 in land surveys for in-house designs and others.

### **Registered Surveyors**

Nathan J. Junius, P.E., P.L.S.

BSCE, MSCE

23 years experience

William J. Muller, P.L.S.

40+ years experience

Nathan J. Junius, P.E., P.L.S. is a licensed surveyor and heads up Linfield, Hunter & Junius, Inc. surveying. In addition to extensive experience as a civil engineer, Mr. Junius has extensive experience in all aspects of land surveying.

William J. Muller, P.L.S. has extensive experience in all aspects of land surveying throughout Louisiana. He worked in the offshore industry spotting well locations, run field crews for numerous Louisiana Power and Light topographic and boundary surveys, analyzed thousands of boundary surveys, and supervised multiple field crews, draftsmen and land surveys.

Examination of the resumes in Item K above demonstrates that the firm has the professional training and experience to provide land surveying services. Additionally, LH&J has the depth of personnel to add up to two (2) additional full-time survey crews when needed.

### **Traffic Engineering**

Traffic engineering will be performed by the team of Linfield, Hunter & Junius, Inc.

Linfield, Hunter & Junius, Inc. has a staff of engineers with significant traffic engineering experience. The following key personnel highlights this experience:

- Nathan J. Junius, P.E., P.L.S., PTOE / Traffic Engineering Team Leader – 23 years of traffic engineering experience
- Elmer N. Darwin, P.E., PTOE / Lead Traffic Engineer – over 40 years of traffic engineering experience
- Casey M. Genovese, P.E. / Senior Roadway/Traffic Engineer – 19 years of traffic engineering experience

The traffic engineering team of Linfield, Hunter & Junius, Inc. (LH&J) has provided traffic engineering services for numerous projects including CVS/Pharmacy site developments to new signalization and traffic control plans.

## TEC Professional Services Questionnaire

### A.2 Size of Firm

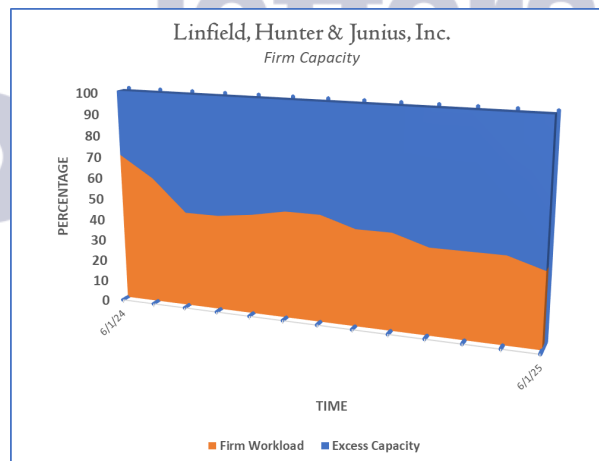
Linfield, Hunter & Junius, Inc. employs forty-two (42) individuals, as shown in Item E above. The size of our firm is ideal for projects such as the proposed project because:

- ✓ The firm is large enough that it can absorb larger projects and not become overburdened by them.
- ✓ The firm is small enough to be nimble and responsive to the client.
- ✓ The management structure is not multi-layered, which facilitates resolution of issues that could otherwise slow down a project.

### A.3 Capacity for Timely Completion of Newly Assigned Work

The designs of several large projects have been recently completed or are near completion. Therefore, we have a large engineering team available. The design of projects by this solicitation can be easily absorbed by the firm, as we have substantial reserve production capacity to meet any reasonable project scheduling.

Our current and projected firm capacity shown below indicates a 40% capacity shortfall by August 2024. The 15% capacity anticipated for water projects would be very welcome and needed to maintain our current staff levels.



Fast turnaround time is an excellent indication of our ability to respond to the needs of our clients.

**Linfield, Hunter & Junius, Inc. has a well-deserved reputation for completing public projects on time; in fact, our firm often completes designs awarded to several firms at the same time before other firms' designs have been completed. Recent examples of this include:**

- **17<sup>th</sup> Street Canal Widening – Hoey's Canal to Airline Drive**  
The schedule for this project was accelerated to accommodate aggressive grant funding deadlines. Linfield, Hunter & Junius, Inc. completed design sufficiently ahead of schedule such that the project was bid and construction begun several weeks before the grant deadline date for construction.

## TEC Professional Services Questionnaire

- **Hoey's Canal Bypass**

Linfield, Hunter & Junius, Inc. completed design of the first phase of this project ahead of schedule to meet aggressive grant funding deadlines.

- **Alcee Fortier/Pressburg Streets**

This project was designed by Linfield, Hunter & Junius, Inc. and constructed ahead of similarly-sized projects awarded to other firms at the same time.

- **Earhart Boulevard**

Five firms were awarded similarly-sized parts of this project; Linfield, Hunter & Junius, Inc. received the last of these awards yet completed its design first.

- **Leon C. Simon and Gentilly Road Bridges**

Of the eight bridge projects awarded to various firms, Linfield, Hunter & Junius, Inc.'s two bridge projects were the first designs completed, and construction of these bridges was completed first.

- **Hollygrove Area Drainage Project**

This may be the largest single SELA drainage project. The design was completed on time under a very aggressive schedule and the firm was given the **USACE's highest rating of "EXCELLENT" including an "OUTSTANDING" rating** for the "Management and Adherence to Schedules" category.

- **17<sup>th</sup> St. Canal Levee Breach Repairs, Interim Closure Structure, and Interim Pumping System**

This was among the most visible and important public projects in New Orleans and Jefferson Parish subsequent to Hurricane Katrina. The design was completed under a very aggressive fast track schedule while the firm reestablished operations and restored its flooded offices in Metairie. More than \$200 Million dollars of improvements were designed within one year. Gates and temporary drainage pumps were in place and operational in time for the 2006 hurricane season less than one year after Hurricane Katrina. The Corps of Engineers issued a **Certificate of Appreciation to the firm for Outstanding Service** in providing engineering support in Southeast Louisiana subsequent to Hurricane Katrina. **The firm received a National Honor Award in 2009** from the American Council of Engineering Companies for design of the 17<sup>th</sup> St. Canal Interim Closure Structure.

### **A.4 Past Performance by Person or Firm on Parish Contracts**

The firm received its first Jefferson Parish contract in 1991 and has received over 100 contracts since then. Within the past 10 years alone we have received the following engineering projects from Jefferson Parish:

- Waterline Replacement – Shannon Lane E & W, Kendall Lane, Huntley Lane & Malvern Lane – IN DESIGN
- Waterline Replacement – N. Causeway Blvd. & Ridgelake Blvd. (Veterans Blvd. – 14<sup>th</sup> St.) and 15<sup>th</sup> St. to Veterans Blvd. (N. Causeway Blvd. – Tolmas Dr.) – IN DESIGN
- Feasibility Study for Waterline Improvements along Lapalco Boulevard - COMPLETED
- Hope Haven Natatorium – IN DESIGN
- East Bank Drainage Master Plan – IN DESIGN

## TEC Professional Services Questionnaire

- Update of the Geisenheimer Drainage Basin Study - COMPLETED
- W. Napoleon Extension to Airport Access Road – IN DESIGN
- Loumor Outfall Ditch Improvements - COMPLETED
- Vulcan Street Drainage Improvements - COMPLETED
- Vintage Boulevard Walking Trail - COMPLETED
- Bike Path along Jefferson/Orleans Parish Line – IN DESIGN
- District 4 Covered Canals Study - COMPLETED
- Ames Boulevard Resurfacing - COMPLETED
- Drainage Improvements - N. Sibley St. at W. Napoleon - COMPLETED
- Veterans Blvd. Drainage Canal Development Study - COMPLETED
- N. Hullen and Veterans Force Main Extension / Edenborn and Veterans Force Main Extensions with Lift Station Improvements - COMPLETED
- Canal Street Corridor Improvements - COMPLETED
- 17<sup>th</sup> Street Canal Improvements – Hoey's Canal to Airline Drive - COMPLETED

To the best of our knowledge, all public projects have been completed within the allotted design time and to the satisfaction of Jefferson Parish.

### **A.5 Location of Principal Office Where Work Will Be Performed**

Linfield, Hunter & Junius, Inc. is located in Jefferson Parish at **3608 18<sup>th</sup> Street, Metairie, LA 70002**. We are centrally located in the parish, and all work will be performed from this office.



### **A.6 Status of Current Litigation with Jefferson Parish**

Linfield, Hunter & Junius, Inc. has no previous or on-going litigation with Jefferson Parish.

### **A.7 Prior Successful Completion of Projects of the Type and Nature of Routine Engineering Services, as defined, for Which Firm Has Provided Verifiable References**

Linfield, Hunter & Junius, Inc. has successfully completed many projects of the type and nature required by this solicitation. Some of these projects are described in Item L above. Additionally, examination of Resumes in Item K describe relevant personnel experience and firm experience. Verifiable references are listed in Item L.



## TEC Professional Services Questionnaire

Below is a sampling of awards and commendations our projects have received:

- The New Orleans District of the Corps of Engineers gave Linfield, Hunter & Junius, Inc. a rating of **“Excellent”** for the \$38 million Hollygrove Area Drainage Improvements project
- The Vicksburg District of the Corps of Engineers recently formally rated the firm’s performance as **“Highly Recommended”**.
- A City of New Orleans department director recently told us (and others) that **Linfield, Hunter & Junius, Inc. should be used as the example for other consulting engineering firms to emulate.**
- The Board of Commissioners of the Port of New Orleans recently commended the firm’s **“outstanding professional services”** in an emergency situation, which allowed the board “to receive bids and award a construction contract in record time”.
- The Corps of Engineers issued a **Certificate of Appreciation to the firm for Outstanding Service** in providing engineering support in Southeast Louisiana subsequent to Hurricane Katrina.
- The firm received a **National Honor Award** from the American Council of Engineering Companies for design of the 17<sup>th</sup> St. Canal Interim Closure Structure in 2009.
- The firm received an **Award of Excellence** for the Harvey Floodwall Project in 2009.
- The **New Orleans Business Round Table commended the firm** for the Reconstruction of Tidewater Road in 2009;
- **ACI awarded an Engineering Excellence Award** to the firm for design of the Metairie Road Bridge Project in 2000.

We have had repeat assignments from all of our public sector clients demonstrating our capabilities to perform at a high level, regardless of the project scope. To the best of our knowledge, **all public projects have been completed within the allotted design time and to the clients’ satisfaction.** Fast turnaround time is an excellent indication of our ability to respond to the needs of our clients; **quality is attested to by the number of repeat public clients we have.** Throughout Linfield, Hunter & Junius, Inc.’s history we have maintained an excellent working relationship with each public client. This is a significant accomplishment of which we are very proud.

### **B. MINIMUM REQUIREMENTS FOR QUALIFICATION**

- B.1 The person or firm submitting a Statement of Qualifications shall have one (1) principal who is a professional engineer who shall be registered as such in Louisiana.**

Nathan J. Junius, P.E., P.L.S., PTOE is a professional civil engineer registered in the State of Louisiana with over 23 years of experience in Civil Engineering projects including major water design, drainage design, culvert design, roadway design, traffic design and project management.



## TEC Professional Services Questionnaire

- B.2 The person or firm submitting a Statement of Qualifications shall have 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 of experience in the disciplines involved.**

Firm principal Nathan J. Junius, P.E., P.L.S., PTOE is a professional civil engineer registered in the State of Louisiana with over 23 years of experience in Civil Engineering projects including waterline design, urban streets, major roadway design, utility and drainage design, culvert design, traffic design and project management.

Robert E. Nockton, P.E. is a professional civil engineer registered in the State of Louisiana with over 29 years of design experience in Civil Engineering projects including waterline design, urban streets, roadway design, major drainage design, culvert design, sewerage and sewage lift station design, water and wastewater treatment and project management.

- B.3 The person or firm submitting a Statement of Qualifications shall have one (1) employee who is a professional engineer registered as such in Louisiana in the field or fields of expertise required for the project. A subcontractor may meet this requirement only if the advertised Project involves more than one discipline.**

Linfield, Hunter & Junius, Inc. has twelve (12) full-time professional engineers registered in the State of Louisiana with over 100 years combined experience in waterline design and traffic engineering. LH&J will make available as many as five (5) professional engineers for this project.

Nathan J. Junius, P.E., P.L.S., PTOE is a Professional Land Surveyor registered in Louisiana with more than 23 years of experience in conducting topographic surveys.

William J. Muller, P.L.S. is a Professional Land Surveyor registered in Louisiana with more than 40 years of experience in conducting topographic surveys.

### **Closing Statement**

**We are extremely interested in this solicitation.**

**Linfield, Hunter & Junius, Inc. has extensive experience in the design of water improvement projects in Jefferson Parish and throughout the New Orleans Metropolitan Area.**

**Linfield, Hunter & Junius, Inc. has the capacity to easily absorb this project assignment.**

**Please give us your serious consideration.**

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

Signature: \_\_\_\_\_

Printed Name: **Nathan J. Junius, P.E., P.L.S.**

Title: **President**

Date: **June 21, 2024**

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

Name: Public Address:  
3608 18th Street, Suite 200  
Linfield, Hunter & Junius, Inc.  
Metairie, Louisiana 70002

**License/Certificate Information w/ Supervision**

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0000510	Active	05/23/1979	03/31/2025	Mr. Ralph William Junius Jr. # PE.0016053

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

Name:	Public Address:
Linfield, Hunter & Junius, Inc.	3608 18th Street, Suite 200 Metairie, Louisiana 70002

**License/Certificate Information w/ Supervision**

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
VF.0000532	Active	06/15/2004	09/30/2024	Mr. Nathan John Junius # PLS.0004958 - Active

