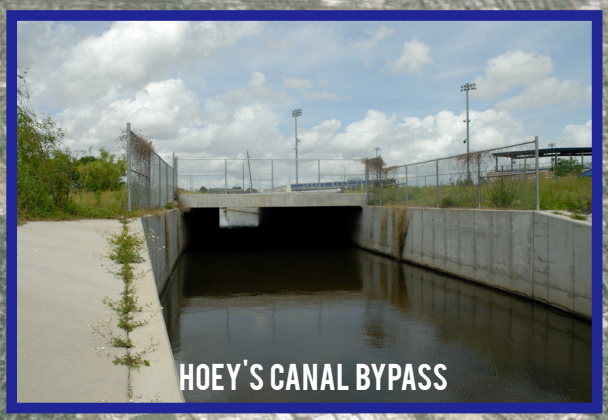
LIVINGSTON PLACE EAST AND WEST DRAINAGE IMPROVEMENTS

CANAL CROSSINGS OVER GENERAL DEGAULLE DRIVE CANAL



HOEY'S CANAL BYPASS

HOEY'S CANAL DRAINAGE IMPROVEMENTS PHASE II AND III

Jefferson Parish
State of Louisiana

STATEMENT OF QUALIFICATIONS

ROUTINE ENGINEERING SERVICES
FOR DRAINAGE PROJECTS

SOQ NO. 24-015
RESOLUTION NUMBER: 144202

JUNE 21, 2024

LINFIELD, HUNTER & JUNIUS, INC.

24M-086

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

3608 18th 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 Drainage Projects
Resolution No. 144202 – SOQ No. 24-015
Our File #: 24M-086

Linfield, Hunter & Junius, Inc. (LH&J) is pleased to submit its Statement of Qualifications for the Routine Engineering Services for Drainage 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 18th Street, Suite 200, Metairie, LA 70002
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 Drainage Projects in Jefferson Parish
Resolution No. 144202
SOQ 24-015

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

LINFIELD, HUNTER & JUNIUS, INC.
3608 18th 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 18th 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 18th 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:

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

Jefferson Parish
State of Louisiana

Routine Engineering Services for Drainage Projects in Jefferson Parish
SOQ No. 24-015
Resolution No. 144202

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, surveying 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

HOEY'S CANAL BYPASS, JEFFERSON PARISH, LA

Junius is the Principal in Charge of this project. The Hoey's Canal Bypass is divided into three phases. Phase 1 entailed the construction of approximately 800 feet of new pile-supported **concrete-lined canal with concrete side slopes** from the Monticello Canal to Cold Storage Road. Phase 2 entailed the construction of approximately 450 feet of pile-supported **concrete-lined canal** including a 200-foot long 31-foot wide by 10-foot high pile-supported **covered concrete box culvert**. Phase 3 will consist of the construction of pile-supported concrete-lined canal that connects Phases 1 and 2.

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

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

Junius is **Principal in Charge** for this project. This project is divided into three phases. Phase 1 entailed the construction of approximately 800 feet of sheet pile lined **concrete flume with concrete side slopes** from Betz Avenue to Deckbar Avenue. 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.

GEISENHEIMER COVERED CANAL RECONSTRUCTION, METAIRIE, LA

Junius was **Principal in Charge** for this project. The Geisenheimer Covered Canal is the primary drainage canal for the portion of Jefferson Parish located between Metairie Road to the north, Airline Drive to the south, the Orleans/Jefferson Parish boundary to the east and Causeway Boulevard to the west. This area includes the Metairie Country Club and Metairie Club Gardens subdivision. The project entailed the addition of 2,800 feet of new **covered concrete box culvert** adjacent to the existing box culvert.

17TH STREET CANAL WIDENING BETWEEN HOEY'S CANAL AND AIRLINE DRIVE, JEFFERSON PARISH / NEW ORLEANS, LA

Junius was **Principal in Charge** for this project. This project entails the **widening and concrete lining** of approximately 700 feet of the 17th Street Canal between the Hoey's Canal and Airline Drive, including the construction of new **pile-supported concrete canal bottom and pile-supported concrete retaining side walls.**

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 Magnetomter 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.

RELEVANT EXPERIENCE:

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**.

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 and drainage pump stations**, **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 drainage project experience includes:

CANAL STREET IMPROVEMENTS, METAIRIE, LA

Nockton was **Project Manager** for the first phase of this project. This project includes the installation of a **new double barrel box culvert** in an open canal and enclosure of the canal, along with **new subsurface drainage** to tie the existing drainage into the new box culvert.

17TH STREET CANAL WIDENING BETWEEN HOEY'S CANAL AND AIRLINE DRIVE, JEFFERSON PARISH / NEW ORLEANS, LA

Nockton was the **Project Manager** for this project. This project entails the **widening and concrete lining** of approximately 700 feet of the 17th Street Canal between the Hoey's Canal and Airline Drive, including the construction of new pile-supported **concrete canal bottom and pile-supported concrete retaining side walls.**

NEW SARPY DRAINAGE PUMP STATION IMPROVEMENTS, ST. CHARLES PARISH, LA

Nockton is the **Project Manager** for this project that entails increasing the capacity of a **drainage pump station** from 150 cfs to 250 cfs. Nockton performed all hydraulic analysis and identified alternatives to accomplish this capacity expansion while maintaining operability of the pump station during construction.

TEC Professional Services Questionnaire

Robert E. Nockton, P.E. **Resume**
Project Assignment – Project Manager

DRAINAGE IMPROVEMENTS TO CUDDIHY DRIVE AND WOODVINE AVENUE, METAIRIE, LA
Nockton was the Lead Civil Engineer for this project. This project consisted of the upgrading of the **subsurface drainage** and roadway reconstruction along Cuddihy Drive and Woodvine Avenue to alleviate persistent street flooding.

GEISENHEIMER COVERED CANAL RECONSTRUCTION, METAIRIE, LA
Nockton was **Project Manager** and Lead Civil Engineer for this project. The Geisenheimer Covered Canal is the primary drainage canal for the portion of Jefferson Parish located between Metairie Road to the north, Airline Drive to the south, the Orleans/Jefferson Parish boundary to the east and Causeway Boulevard to the west. This area includes the Metairie Country Club and Metairie Club Gardens subdivision. The project entailed the construction of 1,450 feet of **covered concrete box culvert (15' x 8')** and the design of 2,800 feet of **covered concrete box culvert (12' x 8')** that runs parallel to the existing box culvert that runs beneath the Metairie Country Club Golf Course.

HOEY'S CANAL IMPROVEMENTS (PHASE II AND III), JEFFERSON PARISH, LA
Nockton was **Project Manager** and Lead Civil Engineer for this project. This project is divided into three phases. Phase 1 entailed the construction of approximately 800 feet of sheet pile lined **concrete flume with concrete side slopes** from Betz Avenue to Deckbar Avenue. 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.

HOEY'S CANAL BYPASS, JEFFERSON PARISH, LA
Nockton is the **Project Manager** and Lead Civil Engineer for this project. The Hoey's Canal Bypass is divided into three phases. Phase 1 entailed the construction of approximately 800 feet of new pile-supported **concrete-lined canal with concrete side slopes** from the Monticello Canal to Cold Storage Road. Phase 2 entailed the construction of approximately 450 feet of pile-supported **concrete-lined canal** including a 200-foot long 31-foot wide by 10-foot high pile-supported **covered concrete box culvert**. Phase 3 will consist of the construction of pile-supported concrete-lined canal that connects Phases 1 and 2.

AUDUBON PARK DRAINAGE SYSTEM STUDY, NEW ORLEANS, LA
Nockton was the **Project Manager** for this project. Exposition Boulevard, a concrete-paved pedestrian walkway along the eastern edge of Audubon Park, regularly floods during heavy rainfall events, rendering it unusable and generating ongoing complaints from adjacent residents. This study identified and prioritized numerous **alternative improvements to alleviate flooding**.

DILLARD UNIVERSITY IMPROVEMENTS, NEW ORLEANS, LA
Nockton was Lead Civil Engineer for this project. LH&J was engaged by Dillard University to design multiple infrastructure projects including improvement of the campus-wide **drainage facilities,** roadways, parks, pervious pavements, bioswales, parking lots, tennis courts, etc.

REPLACE SIX CANAL CROSSINGS OVER GENERAL DEGAULLE DRIVE CANAL, NEW ORLEANS, LA
Nockton was Lead Civil Engineer 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.

REHABILITATION AND UPGRADE OF MAGAZINE AND PRYTANIA STREETS, NEW ORLEANS, LA
Nockton performed drainage calculations and designed over **10,000 linear feet** of **new subsurface drainage**.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Mark K. Annino, E.I.

Project Assignment:

Civil Engineering Team Leader

Name of Firm with which associated:

LINFIELD, HUNTER & JUNIUS, INC.

Years' experience with this Firm:

29 Years

Education: Degree(s)/Year Specialization:

University of New Orleans / B.S. / 1995 / Civil Engineering

Active registration: Year first registered/discipline:

1995 / Civil / LA License No. EI.0016308

Other experience and qualifications relevant to the proposed Project:

Annino has vast experience preparing plans and specifications for numerous municipal and private projects. The scopes of these projects include **subsurface and major drainage structures,** roadways, bridges, water distribution systems, utility system replacement / relocation (sewer, water, drain, etc.), hydraulic structures and horizontal / vertical geometric layouts. Annino has also been involved in the permit application process and construction administration of most projects for which he has designed.

A sampling of Annino's experience with drainage includes:

CANAL STREET IMPROVEMENTS, METAIRIE, LA

Annino is the Civil Engineering Design Team Leader for this project. This project includes the installation of a **new double barrel box culvert** in an open canal and enclosure of the canal, along with **new subsurface drainage** to tie the existing drainage into the new box culvert.

17TH STREET CANAL WIDENING BETWEEN HOEY'S CANAL AND AIRLINE DRIVE, JEFFERSON PARISH / NEW ORLEANS, LA

Annino was the Civil Engineering Design Team Leader for this project. This project entails the **widening and concrete lining** of approximately 700 feet of the 17th Street Canal between the Hoey's Canal and Airline Drive, including the construction of **new pile-supported concrete canal bottom and pile-supported concrete retaining side walls.**

EAST AND WEST LIVINGSTON PLACE DRAINAGE IMPROVEMENTS, METAIRIE, LA

Annino was the Civil Engineering Design Team Leader for this project. This project consisted of the reconstruction of East and West Livingston Place including installation of **new subsurface drainage** and utility relocation.

TEC Professional Services Questionnaire

Mark K. Annino, E.I. **Resume**
Project Assignment – Civil Engineering Team Leader

CUDDIHY DRIVE AND WOODVINE AVENUE DRAINAGE IMPROVEMENTS, METAIRIE, LA
Annino was the Civil Engineering Design Team Leader for this project. This project consisted of the upgrading of the **subsurface drainage system** along Cuddihy Drive and a part of Woodvine Avenue and the reconstruction of the affected roadways.

DAKIN ST. IMPROVEMENTS, METAIRIE, LA
Annino performed Civil Engineering on this project. The Dakin Street Corridor project is divided into three Phases. Phase 1 entailed the construction of an underpass, railroad bridge and pump station at Dakin Street and Airline Drive. Phase 2 includes a 3,200 feet overpass and 1,250 feet of 4-lane roadway from the underpass to Jefferson Highway. Phase 3 will extend L&A Road from Dakin Street to the Earhart Expressway and includes installation of **new subsurface drainage.**

MAGAZINE STREET / PRYTANIA STREET RECONSTRUCTION, NEW ORLEANS, LA
Annino was the Civil Engineering Design Team Leader for this project. This project entailed the reconstruction of 26,500 feet of roadway including replacement of **subsurface drainage** and utility relocation.

REPLACE SIX CANAL CROSSINGS OVER GENERAL DEGAULLE DRIVE CANAL, NEW ORLEANS, LA
Annino was the Civil Engineering Design Team Leader 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.

LOUISVILLE STREET / CATINA STREET RECONSTRUCTION, NEW ORLEANS, LA
Annino was the Lead Civil Engineering Designer for this project. This project entailed the reconstruction of 3,950 feet of roadway including replacement of **subsurface drainage** and utility relocation.

CLAIBORNE AVENUE BOX CANAL I-MONTICELLO CANAL TO LEONIDAS STREET, NEW ORLEANS, LA
Annino performed as Lead Civil Engineering Designer on this project. This project entailed the construction of a 20 foot wide by 10 foot deep **Drainage Culvert** and reconstruction of the Claiborne Ave damaged roadway under the SELA program for the Corps of Engineers (COE). Also included replacement of local street **subsurface drainage.**

HOLLYGROVE DRAINAGE IMPROVEMENTS, NEW ORLEANS, LA
Annino performed Civil Engineering on this project. LH&J designed all drainage improvements including the Forshey Street-Railroad Embankment **Drainage Culvert** Improvements, the Dublin Street and Eagle Street **Drainage Culvert** Improvements, the Oleander Street **Culvert** modifications, and the Pritchard Street Pumping Station.

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 **improvements to major drainage structures**, **drainage studies**, storm water management systems, green infrastructure, surveying, urban streets, highways, site developments, and utility expansions and relocations.

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.

GEISENHEIMER COVERED CANAL RECONSTRUCTION, METAIRIE, LA

Jackson was Civil Engineer for this project. The Geisenheimer Covered Canal is the primary drainage canal for the portion of Jefferson Parish located between Metairie Road to the north, Airline Drive to the south, the Orleans/Jefferson Parish boundary to the east and Causeway Boulevard to the west. This area includes the Metairie Country Club and Metairie Club Gardens subdivision. The project entailed the design of 2,800 feet of **covered concrete box culvert** beneath the Metairie Country Club Golf Course.

MAGAZINE STREET RECONSTRUCTION NEW ORLEANS, LA

Jackson is the **Lead Civil Engineer** for this project that consists of 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**, gravity sewer lines and water mains.

TEC Professional Services Questionnaire

John M. Jackson, P.E. **Resume**
Project Assignment – Lead Civil Engineer

CANAL STREET IMPROVEMENTS, METAIRIE, LA

Jackson assisted in the preparation of plans for the first phase of this project. This project includes the installation of a **new double barrel box culvert** in an open canal and enclosure of the canal, along with **new subsurface drainage** to tie the existing drainage into the new box culvert.

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

Jackson is the **Lead Civil Engineer** for this project that 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.

ZATARAIN'S BRANDS SHIPPING FACILITY, GRETNA, LA

Jackson was **Lead Civil Engineer** for this project. This 12-acre facility would hold rainwater for days after a storm event, causing damage to the truck loading area and inhibiting truck movement. The project included an investigation of the site and the surrounding areas, a **stormwater management plan** for the City of Gretna and the Zatarain's facility, and the design of a **new drainage system**, improved **stormwater storage** measures, and new paving.

DISTRICT 4 COVERED CANAL FEASIBILITY STUDY, JEFFERSON PARISH, LA

Jackson was Civil Engineer for this project. The purpose of this project was to study the impact of replacing existing open canals in District 4 of Jefferson Parish with **covered concrete box culverts,** allowing for land development on top of the existing canals. The project included the modeling of 79,400 feet of canals and the impact of replacing them with box culverts.

KENNER DISCOVERY MODULAR CAMPUS, KENNER, LA

Jackson was Civil Engineering Designer on this project. This project was a flood mitigation study including **hydraulic modeling, drainage design**, ecological considerations, **storm water detention** and **green infrastructure.**

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).

17TH STREET CANAL WIDENING BETWEEN HOEY'S CANAL AND AIRLINE DRIVE, JEFFERSON PARISH / NEW ORLEANS, LA

Lead Structural Engineer for this project. This project entails the **widening and concrete lining** of approximately 700 feet of the 17th Street Canal between the Hoey's Canal and Airline Drive, including the construction of new pile-supported **concrete canal bottom and pile-supported concrete retaining side walls.**

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.

TEC Professional Services Questionnaire

Daniel A. Flores, P.E. **Resume**
Project Assignment – Lead Structural Engineer

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.**

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**.**

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**.**

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.

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**.**

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 and 6-inch sewage force 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.

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.

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.

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

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Elmer N. Darwin, P.E., PTOE

Project Assignment:

Lead Traffic Engineer

Name of Firm with which associated:

LINFIELD, HUNTER & JUNIUS, INC.

Years' experience with this Firm:

12 Years

Education: Degree(s)/Year Specialization:

University of New Orleans / BS / 1970 / Civil Engineering
Northwestern University / 1975 / Principals of Geometric Design

Active registration: Year first registered/discipline:

1975 / Civil / LA License No. PE.0020404

Other experience and qualifications relevant to the proposed Project:

Mr. Darwin works as a consultant to Linfield, Hunter & Junius, Inc. on projects that require Traffic Engineering.

Darwin has designed numerous traffic signals for LH&J including the signalization at Dickory-Sauve intersection.

Darwin's experience has been as a Traffic Engineer since 1974. His Traffic Engineering experience includes:

- Design of Traffic Signal Systems
- Traffic Studies
- Preparation of Traffic Control Plans
- Investigation of complaints relating to traffic related issues
- Traffic signal timing issues

Darwin's previously worked at the City of New Orleans, Department of Streets (Public Works) from 1974-2008 with the following experience and responsibilities:

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 is 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**

TEC Professional Services Questionnaire

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- 9th 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 management systems 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 management systems 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. **Resume**
Project Assignment – Civil Engineer

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.

GEISENHEIMER CANAL IMPROVEMENTS, METAIRIE, LA
Engineer Intern. Assisted in design and detailing of a **8' x12' covered canal box culvert** paralleling existing Geisenheimer drainage canal over a distance of approximately 2,800 linear feet. Box culvert is structurally integrated with existing drain lines at three junction box tie-in locations.

LOUMOR OUTFALL DITCH IMPROVEMENTS, METAIRIE, LA
Engineer Intern. Developed final plans for **two (2) new underground drainage lines**. One drainage line consists of **78" x 122" Reinforced Concrete Pipe Arch (RCPA)** segments along the existing drain line identified as Loumor Ditch combining for a length of approximately 1,300 linear feet. The second line consists of a **9' x 6' covered canal box culvert** spanning approximately 320 linear feet. These new segments will tie-into the existing below-grade Geisenheimer Canal box culvert that extends along Airline Drive.

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

MAF BUILDING 103 DRAINAGE STUDY, NEW ORLEANS, LA
Assisted project engineer in analyzing **hydraulics of the roof drainage system** for Building 103 Michoud Assembly Facility including the **subsurface drainage** under the building and extending to the pumped outfall canal and to recommend improvements to reduce ponding on the approximate 38 acre building roof.

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.

SELA 72.2 – GENERAL DE GAULLE DRIVE CANAL – PHASE 2, ALGIERS, LA
Performed structural engineering designs and drafting for the **cast-in-place concrete box culverts and flumes**.

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.

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 management systems 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 management systems 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.

DESIRE STREET NEIGHBORHOOD, NEW ORLEANS, LA
Engineer Intern. 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

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.

CANAL STREET IMPROVEMENTS, METAIRIE, LA

Vazquez performed construction administration for the final phase of this project that included repaving of Canal Street and with **new subsurface drainage** to tie the existing drainage into the new box culvert.

MAGAZINE STREET RECONSTRUCTION, NEW ORLEANS, LA

Vazquez assisted in the preparation of plans and performed quantity takeoffs for this project that consists of 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**, gravity sewer lines and water mains.

NEW ORLEANS COUTNRY CLUB RACQUEST CENTER AND GOLF COURSE IMPROVEMENTS, NEW ORLEANS, LA

Vazquez prepared plans for this project that included **site drainage improvements and stormwater management systems with green infrastructure**. He also prepared a Stormwater Pollution Prevention Plan (SWPPP) for the work, prepared permit applications with the City of New Orleans and Louisiana Department of Transportation and Development and performed construction administration.

TEC Professional Services Questionnaire

Bryce L. Vazquez, BSCE **Resume**
Project Assignment – Civil Engineering

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 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

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 benchmarks (TBMs) that were supported by 60-foot deep concrete filled boreholes. After construction of the TBMs he performed high precision ± 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

TEC Professional Services Questionnaire

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

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.

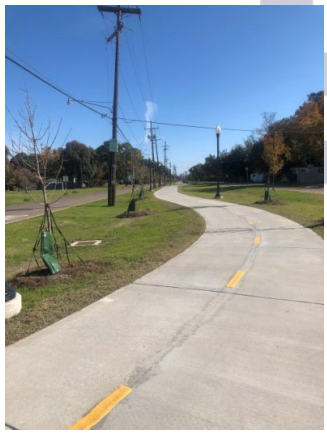
AVONDALE SHIPYARD REDEVELOPMENT, AVONDALE, LA
Hydrographic surveys for 2 miles of the Mississippi River in front of the existing docks. USACE Baseline profile surveys and cross sections. Included batture surveys and topographic surveys of existing lay down areas.

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

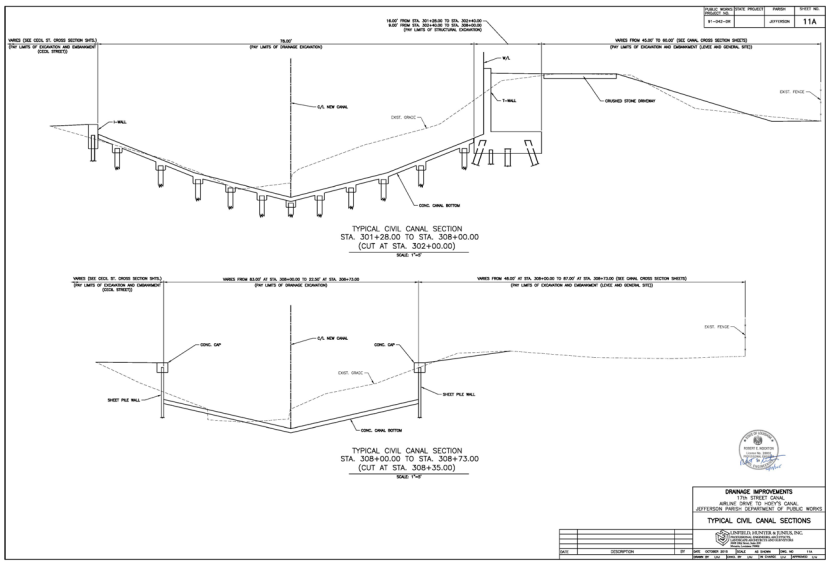
L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.

PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:
Canal Street Improvements **Jefferson Parish, LA** **Jefferson Parish Government** **Department of Capital Projects** **1221 Elmwood Park Blvd, Suite 906** **Jefferson, LA 70123** **Neil D. Schneider, P.E., CCM** **(504) 736-6833** Jefferson Parish State of Louisiana  	Canal Street is a divided roadway with a drainage canal between the roadways. As part of the Jefferson Parish Bicycle Master Plan, **a new double barrel box culvert** was installed in the open canal and the canal was enclosed. **New subsurface drainage** was also installed to tie in existing drainage and to provide for future improvements. A second phase included the reconstruction of the roadway with upgraded subsurface drainage and the construction of a new linear park with bicycle path over the enclosed canal. Vehicular parking was added for visitors outside of the local neighborhood. Numerous green infrastructure elements such as native plantings, bioswales and pervious paving were incorporated. Linfield, Hunter & Junius, Inc. provided all engineering services required for this project, including preparation of a topographic survey, preparation of plans and specifications, bid phase services, and construction phase services including resident inspection and coordination with private utilities. **Key Features Related to this Solicitation**: Subsurface Drainage (Box Culverts, Pipes and Drainage Structures) **Key Personnel Participation**: Nathan J. Junius, P.E., P.L.S., PTOE; Robert E. Nockton, P.E.; Mark K. Annino, E.I.; John M. Jackson, P.E.; Bryce L. Vazquez; Daniel D. Bindewald; Paul H. Morales, IV  

Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2024 A	$13,100,000	$13,100,000

TEC Professional Services Questionnaire

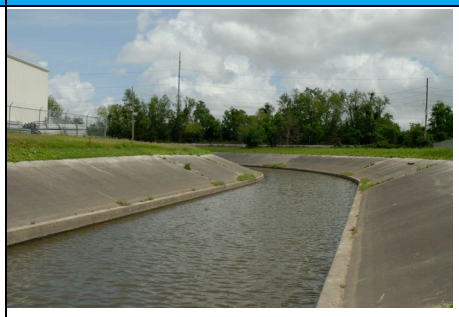
PROJECT NO. 2	
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**
17th Street Canal Improvements **Hoey's Canal to Airline Drive** **New Orleans, LA** **Sewerage & Water Board of New Orleans** **8800 S. Claiborne Avenue** **New Orleans, LA 70118** **Stephen Nelson, P.E.** **(504) 865-0650** **Department of Capital Projects** **Jefferson Parish** **1221 Elmwood Park Blvd, Suite 906** **Jefferson, LA 70123** **Neil D. Schneider, P.E., CCM** **(504) 736-6833**	The 17th Street Canal, which separates Orleans and Jefferson Parishes, drains most of Uptown New Orleans and 2,500 acres of Jefferson Parish. Between the late 1980's and late 1990's, the canal was widened and deepened from Drainage Pump Station No. 6 to the Hoey's Canal, a distance of approximately 4,300 feet, to increase conveyance capacity. This project deepened and widened the canal to 80-feet from the Hoey's Canal south to Airline Drive. This work included a new pile-supported concrete retaining wall on the Jefferson Parish side of the canal, a new pile-supported T-wall along the Orleans Parish side of the canal and a pile-supported concrete canal bottom between the walls. Cecil Street, located on the Orleans Parish side of the canal and adjacent to it, was heavily deteriorated and was anticipated to be worsened by construction. The project also included the reconstruction of the reach of Cecil Street within the project limits including replacement and upgrading of the local **subsurface drainage system**. **Key Features Related to this Solicitation**: Major Drainage Structures (Open Canals); Subsurface Drainage **Key Personnel Participation**: Nathan J. Junius, P.E., P.L.S., PTOE; Robert E. Nockton, P.E.; Mark K. Annino, E.I.; Daniel A. Flores, P.E.; Daniel D. Bindewald 

Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	**Work for which Firm was Responsible:**
2017 A	$10,600,000	$10,600,000

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Hoey's Canal Drainage Improvements Phase II and III **Jefferson Parish, LA** **Jefferson Parish Government** **Department of Drainage** **1221 Elmwood Park Blvd, Suite 907** **Jefferson, LA 70123** **Clinton Hotard, P.E.** **(504) 736-6751** Jefferson Parish State of Louisiana	The Hoey's Canal drains all the portion of Jefferson Parish in the 17th St. Canal Drainage Basin south of Airline Drive, approximately 1200 acres.  Linfield, Hunter & Junius, Inc. prepared a funding application for a Louisiana State Wide Flood Control Grant for the lining of the Hoey's Canal from Betz Avenue to Causeway Boulevard that was funded in 2003. Work includes installing a structural concrete drainage flume supported on steel sheeting with adjoining slope paving. This design both improves drainage and stabilizes slopes on the canal that have been subject to sloughing and deterioration. The canal runs between two railroads, the CN Railroad and the New Orleans Public Belt Railroad. Accordingly, all work must be coordinated with these railroads.  Construction of the first phase of the project from Betz Avenue to Deckbar Avenue was completed in 2011. Construction of a second phase of the project from Deckbar Avenue to Labarre Road was completed in 2014. This second phase also included a complex in-line pile-supported culvert beneath a railroad spur that crosses the canal near Labarre Road. Design of a third and final phase of the project extending the improved canal from Labarre Road to Causeway Boulevard is underway. Linfield, Hunter & Junius, Inc. was responsible for engineering design, preparation of plans and specifications, construction management, construction resident inspection and coordination with private utilities. **Key Features Related to this Solicitation**: Major Drainage Structures (Open Canals and Box Culverts) **Key Personnel Participation**: Robert E. Nockton, P.E.; Daniel A. Flores, P.E.	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2018 A	$15,000,000	$15,000,000

TEC Professional Services Questionnaire

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Hoey's Canal Bypass **Jefferson Parish, Louisiana** **Jefferson Parish Government** **Department of Capital Projects** **1221 Elmwood Park Blvd, Suite 906** **Jefferson, LA 70123** **Neil D. Schneider, P.E., CCM** **(504) 736-6833**	 The Hoey's Canal drains the portion of Jefferson Parish in the 17th St. Canal Drainage Basin south of Airline Drive, approximately 1200 acres. Extensive improvements to the canal are necessary to upgrade drainage to the levels recommended in the 17th St. Canal Drainage Basin Study. One of the major improvements to the canal includes diverting the flow of the Hoey's Canal south of Airline Drive to the Monticello Canal. This diversion of flow will be accomplished through the Hoey's Canal Bypass. The Hoey's Canal Bypass provides a more efficient hydraulic path to the Monticello Canal and Pumping Station No. 6, thus improving Jefferson Parish drainage significantly.  LH&J prepared a funding application for a Louisiana Statewide Flood Control Grant for the Bypass Canal that was funded in 1998. The project was divided into two phases and final designs were subsequently prepared by the firm in accordance with Louisiana Statewide Flood Program guidelines. Phase 1 of the canal consisted of a 25-foot wide by 5-foot high pile-supported concrete flume with concrete paved side slopes. Construction of Phase I was completed in 2006. Phase 2 of the canal consisted of a 31-foot wide by 10-foot high pile-supported concrete flume and a 31-foot wide by 10-foot high pile-supported covered concrete box culvert. Construction of Phase 2 was completed in 2015. Linfield, Hunter & Junius, Inc. was responsible for topographic surveying, engineering design, preparation of plans and specifications, construction management, construction resident inspection and coordination with private utilities. **Key Features Related to this Solicitation**: Major Drainage Structures (Open Canals and Box Culverts) **Key Personnel Participation**: Robert E. Nockton, P.E.; Daniel A. Flores, P.E.; Daniel D. Bindewald	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2015 A	$4,600,000	$4,600,000

TEC Professional Services Questionnaire

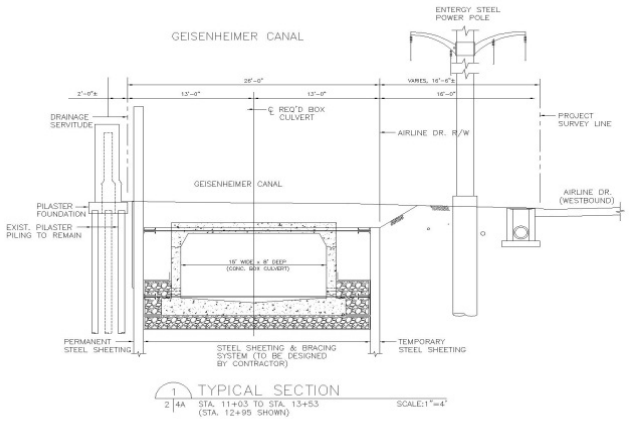
PROJECT NO. 5	
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**
Livingston Place East and West Drainage Improvements **Metairie, LA** **Jefferson Parish Government** **Department of Capital Projects** **1221 Elmwood Park Blvd, Suite 906** **Jefferson, LA 70123** **Neil. D. Schneider, P.E., CCM** **(504) 736-6833**	 East and West Livingston are two residential roads in Old Metairie on the East Bank of Jefferson Parish. The subsurface drainage systems in each road were substandard resulting in heavy flooding during normal intense rainstorms. The firm identified subsurface drainage improvements needed during preparation of a master drainage plan for Old Metairie developed for the Jefferson Parish Government and was subsequently retained by the Parish to provide engineering services for reconstruction of the roadway and installation of the new subsurface drains.  The project was funded by a Community Development Block Grant in the amount of $2,000,000 with remaining funds supplied through the Louisiana State Capital Outlay program. Linfield, Hunter & Junius, Inc. was responsible for topographic surveying, engineering design, preparation of plans and specifications, construction management, construction resident inspection and coordination with private utilities. **Key Features Related to this Solicitation**: Subsurface Drainage; Roadway Pavement and Base; Subsurface Utilities; Sidewalks and Driveways; Handicap Ramps **Key Personnel Participation**: Nathan J. Junius, P.E., P.L.S., PTOE; Mark K. Annino, E.I.; Daniel D. Bindewald

Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2015 A	$5,000,000	$5,000,000

TEC Professional Services Questionnaire

PROJECT NO. 6			
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**		
Drainage Improvements to Cuddihy Drive and Woodvine Avenue Jefferson Parish, LA **Jefferson Parish Department of Capital Projects 1221 Elmwood Park Blvd, Suite 906 Jefferson, LA 70123 Neil D. Schneider, P.E., CCM (504) 736-6833**	 This project included the installation of one subsurface storm drain trunk line beneath the roadway along Cuddihy Drive and Woodvine Avenue. Catch basins were installed along the roadway at the curb line with lateral subsurface storm drain lines draining from the catch basin into the trunk line. All existing water house and sewer house connections were replaced. The existing roadway was reconstructed with new pavement base and portland cement concrete pavement surface. New concrete curb was installed along both edges of the roadway. Driveway aprons were replaced from the roadway to the existing property line. Linfield, Hunter & Junius, Inc. was responsible for topographic surveying, engineering design, preparation of plans and specifications, construction management, construction resident inspection and coordination with private utilities. Woodvine Avenue was designed as described above but not constructed due to budget limitations. **Key Features Related to this Solicitation**: Subsurface Drainage; Roadway Pavement and Base; Subsurface Utilities; Sidewalks and Driveways; Handicap Ramps **Key Personnel Participation**: Nathan J. Junius, P.E., P.L.S., PTOE; Robert E. Nockton, P.E.; Mark K. Annino, E.I.; William J. Muller, P.L.S.		
Completion Date (Actual or estimated):	**Estimated Cost:**		
	Entire Project:	**Work for which Firm was Responsible:**	
2009 A	$2,570,000	$2,570,000	

TEC Professional Services Questionnaire

PROJECT NO. 7	
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**
Geisenheimer Covered Canal Reconstruction and Enlargement **Jefferson Parish, LA** **Jefferson Parish Government** **Department of Capital Projects** **1221 Elmwood Park Blvd, Suite 906** **Jefferson, LA 70123** **Neil D. Schneider, P.E., CCM** **(504) 736-6833** Jefferson Parish State of Louisiana 	The Geisenheimer Covered Canal is the primary drainage canal for the portion of Jefferson Parish located between Metairie Road to the north, Airline Drive to the south, the Orleans/Jefferson Parish boundary to the east and Causeway Blvd. to the west. This area includes the Metairie Country Club and Metairie Club Gardens subdivision. The upper Geisenheimer Covered Canal consisted of a 2,350 foot long covered concrete box culvert running just north of Airline Drive, 8' wide by 6' deep. Parts of the existing 8' by 6' covered canal were collapsing. **A 1,450 foot length of 8' by 6' box was replaced with a 15' by 8' box.** This project included: • Removal of approximately 1,450 linear feet of deficient 8' wide by 6' deep covered concrete box culvert located within 5' of pile-supported, 8' high brick fence and within 10' of houses • Construction of approximately 1,450 linear feet of 15' wide by 8' deep reinforced concrete box culvert • Phased construction of new box culvert across Maple Ridge Drive to permit constant access to the Maple Ridge Subdivision from Airline Drive • Roadway reconstruction at the Maple Ridge Drive/Airline Drive intersection • Coordination of utility relocations with utility companies as required for construction  A subsequent project was designed that included the addition of **approximately 2,800 linear feet of a new 12' x 8' box culvert** parallel to the existing 15' x 8' box culvert that runs beneath the Metairie Country Club Golf Course. LH&J designed the alignment, profiles, sections and major drainage structures that connected the box culverts and intersecting pipes and canals. **Key Features Related to this Solicitation**: Major Drainage Structures (Box Culvert); Subsurface Drainage; Roadway Pavement and Base; Subsurface Utilities; Landscaping **Key Personnel Participation**: Nathan J. Junius, P.E., P.L.S., PTOE; Robert E. Nockton, P.E.; John M. Jackson, P.E.; Daniel A. Flores, P.E.

Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	**Work for which Firm was Responsible:**
2020 A	$20,000,000	$20,000,000

TEC Professional Services Questionnaire

PROJECT NO. 8			
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**		
Rehabilitation and Upgrade of Magazine and Prytania Streets including Utilities **New Orleans, LA** **City of New Orleans** **Dept. of Public Works** **1300 Perdido St, Rm6W02** **New Orleans, LA 70112** **Tang Phan, P.E.** **(504) 565-6844** 	Magazine and Prytania Streets serve as major arterial roads for a bustling business area of the City of New Orleans. Complete closure of either of these streets would cripple, if not kill, many businesses in this area. Included as part of the design work is a major Construction Phasing Plan comprising seven (7) phases and six (6) different detour routes to keep the streets open to all merchants and their customers. The project requires the removal of over 24,000 linear feet of streetcar tracks that were buried under Magazine and Prytania Streets. The total project includes 16,000 linear feet of 35' wide concrete roadway, which includes a heavy duty concrete pavement with an underlying aggregate base course. One section of Magazine Street, consisting of 2,000 linear feet within Audubon Park, required a major realignment in order to incorporate turning lanes accessing the park's facilities. **The drainage system is to be replaced with 10,500 linear feet of 15" to 24" drain pipes.** Improvement of the sanitary sewer lines requires the replacement of 9,600 linear feet of 8" and 10" diameter sewer pipe, sewer manholes and house service connections. Approximately 11,800 linear feet of 8" and 12" water mains will also be replaced.  Linfield, Hunter & Junius, Inc. is coordinating the requirements and concerns of several entities, including the Sewerage & Water Board of New Orleans, Entergy, Cox Cable, the Downtown Development District, and local merchants' associations. LH&J is providing complete engineering services for this project including preliminary engineering, surveys, traffic engineering, geotechnical engineering, final design, and construction phase services including resident inspection. **<u>Key Features Related to this Solicitation</u>**: Subsurface Drainage; Roadway Pavement and Base; Subsurface Utilities; Sidewalks and Driveways; Handicap Ramps **<u>Key Personnel Participation</u>**: Nathan J. Junius, P.E., P.L.S., PTOE; Robert E. Nockton, P.E.;Mark K. Annino, E.I.; John M. Jackson, P.E.; William J. Muller, P.L.S.; Vincent J. Leco, P.E.; Bryce L. Vazquez; Cooper G. Ashworth, E.I.; Daniel D. Bindewald; Paul H. Morales, IV		
Completion Date (Actual or estimated):	**Estimated Cost:**		
	Entire Project:	**Work for which Firm was Responsible:**	
2025 E	$10,000,000	$10,000,000	

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Dillard University **Student Union Site Development** **New Orleans, LA** **Dillard University** **2601 Gentilly Boulevard** **New Orleans, LA 70122** **Adonis Wood** **(504) 816-4375**	Linfield, Hunter & Junius, Inc. (LH&J) has functioned in several capacities including Program Manager, Master Planner and Consultant at Dillard University from 1998 to present. LH&J was engaged by Dillard University to oversee and design multiple infrastructure projects ranging from replacement of an aging sanitary sewer system to construction of a new loop water distribution system as well as improvement of campus-wide **drainage facilities,** roadways, parks, parking lots, tennis courts. The entire Dillard University Student Union Facility was designed as LEED Gold and is currently the largest LEED Gold facility in the New Orleans area. LH&J was responsible for the design of all the sitework in this project. The LEED Gold requirements for the sitework included water conservation facilities including bioswales, water reservoirs, natural filtration systems, an underground storm water storage system, and pervious pavements for water preservation and recycling. **Key Features Related to this Solicitation**: Subsurface Drainage; Stormwater Management Facilities; Roadway Pavement and Base; Sidewalks and Driveways; Handicap Ramps **Key Personnel Participation**: Robert E. Nockton, P.E.	  
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2013 A	$4,200,000	$4,200,000

TEC Professional Services Questionnaire

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Replace Six Canal Crossings Over General DeGaulle Drive Canal, New Orleans, LA **Sewerage & Water Board of New Orleans** **8800 S. Claiborne Avenue** **New Orleans, LA 70118** **Stephen Nelson, P.E.** **(504) 865-0650**	This project required the removal of 6 existing canal crossings and replacing them with concrete box culverts. Linfield, Hunter & Junius, Inc. (LH&J) was selected to design the two (2) largest of the six crossings and also to perform as the lead coordinating consultant for all six crossings. The two crossings are at McArthur Boulevard and Behrman Place on the Westbank of New Orleans. These canal crossings are part of the larger General DeGaulle Canal Improvements from Wall Boulevard to the Algiers Outfall Canal. The project was funded by the S&WB and LADOTD through the Federal Aid Program (Urban System). The new culverts were hydraulically designed for a 25-year storm frequency. The two crossings were constructed in one contract package.    **<u>Key Features Related to this Solicitation</u>**: Major Drainage Structures (Covered Canals) **<u>Key Personnel Participation</u>**: Robert E. Nockton, P.E.; Mark K. Annino, E.I.; Daniel A. Flores, P.E.	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2013 A	$6,000,000	$6,000,000

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 Drainage Projects**. LH&J and previous firms have been providing quality engineering and architectural services for over 65 years and to Jefferson Parish since 1993. As the design engineering consultant for a number of previous drainage 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 for these types of drainage project. This along with our extensive experience in civil engineering design and land surveying 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.

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 Government since 1994 (30 years)*
- ✓ *Tangipahoa Parish Government 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 sewerage 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.

Civil Engineering

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

Linfield, Hunter & Junius, Inc. (LH&J) is a premier drainage expert in the metropolitan New Orleans area. Our drainage studies have varied from as small as that of a site for a retail strip mall to as large as an entire parish. We are intimately familiar with every aspect of storm drainage design used to date in Jefferson Parish including **culverts, pump stations, drainage canals, detention basins, ditches, watershed management systems, subsurface drainage systems, floodwalls, levees, locks, gates** and many others. We have studied and designed a tremendous number of drainage facilities and structures for the **Jefferson Parish Department of Drainage.**

TEC Professional Services Questionnaire

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

- ✓ Professional staff with well over 100 cumulative years of experience in drainage projects (see Item K).
- ✓ Firm background of over 40 years of major drainage experience.
- ✓ A proven track record of completed drainage projects from feasibility studies following through to completed construction.
- ✓ Recent completion of successful drainage projects which are 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 drainage project experience
- Robert E. Nockton, P.E. / Project Manager – 29 years of drainage design experience including culverts, ditches, subsurface collection systems, major drainage canals, pump stations, detention basins, levees and floodwalls.
- Mark K. Annino, E.I. / Civil Engineering Team Leader – 29 years of drainage design experience including culverts, ditches, subsurface collection systems, major drainage canals, pump stations, detention basins, levees, floodwalls, locks and gates.
- John M. Jackson, P.E. / Lead Civil Engineer – 9 years of drainage design experience including culverts, ditches, subsurface collection systems, major drainage canals, detention basins and stormwater management systems.
- Daniel A. Flores, P.E. / Lead Structural Engineer – 16 years of structural design experience associated with drainage projects including major drainage canals, pump stations, levees, floodwalls, locks, gates and other flood control structures.

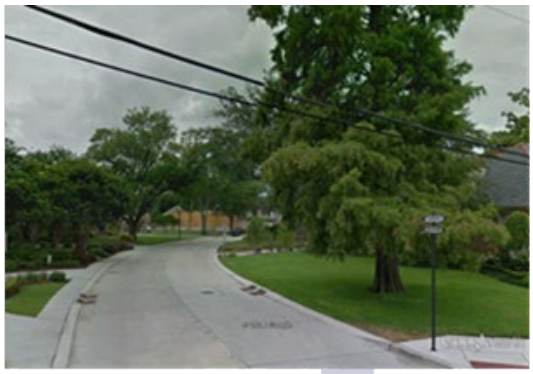
The firm has an extensive track record of major drainage and site work projects including development of the master plan for drainage in the 17th St. Canal Drainage Basin. The 10,000 acre 17th St. Canal Drainage Basin drains most of Uptown New Orleans and Old Metairie. This master plan has served as the basis of implementation of over $80,000,000 dollars of drainage improvements since 1983. Linfield, Hunter & Junius, Inc. provided full design and contract administration services for over $50,000,000 of these drainage improvements.

The firm has provided engineering services for Jefferson Parish, the City of New Orleans, Louisiana Department of Transportation and Development, Sewerage and Water Board of New Orleans, St. Charles Parish, U.S. Corps of Engineers, Port of New Orleans, U. S. Navy, Entergy Corporation and the Rouse Corporation and for numerous other clients since the mid 1970's. In the last 10 years the firm has been responsible for the design and contract administration of over $100,000,000 of improvements.

Relevant projects in Jefferson Parish include:

- ✓ Canal Street Improvements
- ✓ 17th Street Canal Improvements
- ✓ Hoey's Canal Drainage Improvements (Phase II and III)
- ✓ Hoey's Canal Bypass

- ✓ Livingston Place East and West Drainage Improvements
- ✓ Cuddihy Drive and Woodvine Avenue Drainage Improvements
- ✓ Geisenheimer Covered Canal Improvements
- ✓ Geisenheimer Drainage Basin Study
- ✓ Update of the Geisenheimer Drainage Basin Study
- ✓ Hoey's Basin PAC
- ✓ Vulcan Street Drainage Improvements
- ✓ District 4 Covered Canal Study
- ✓ Loumor Outfall Ditch Improvements
- ✓ Russell Street Improvements



Cuddihy Drive Drainage Improvements

Geisenheimer Canal Improvements
Covered Canal

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 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.

Public

- Jefferson Parish Department of Public Works
- LA Department of Transportation and Development
- Audubon Park, New Orleans

Private

- CVS/Pharmacies – hundreds
- Dillard University
- Tulane University
- Children's Hospital
- Woodward Design+Build

- U.S. Army Corps of Engineers
- City of New Orleans Department of Public Works
- Sewerage and Water Board of New Orleans
- Plaquemines Parish Government
- Pontchartrain Levee District
- St. Tammany School Board
- City of Hammond
- Tangipahoa Parish
- City of Baton Rouge
- University of New Orleans
- Friends of City Park, New Orleans, LA
- Dollar General Stores – over 50
- Exxon/Mobile Corporation
- New Orleans Park-N-Fly
- Multiple design consultants statewide

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 attached resumes in Item K above demonstrates that the firm has the professional training and experience to provide complete land surveying services.

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.

A.2 Size of Firm

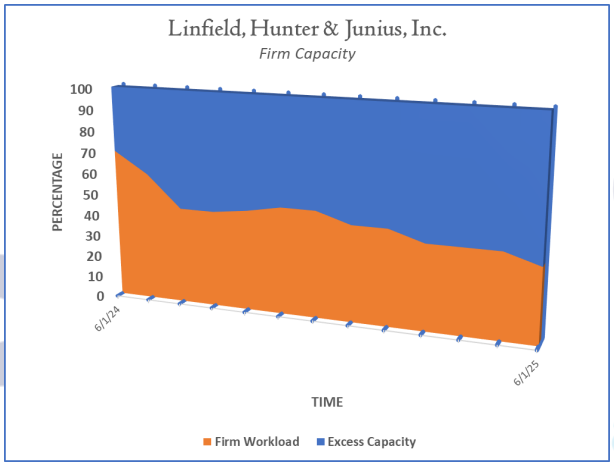
Linfield, Hunter & Junius, Inc. employs forty-two (42) individuals, as shown in Item E above. The size of our firm is ideal for projects such as the proposed project because:

- ✓ 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:

- **17th 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 began several weeks before the grant deadline date for construction.

- **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.

- **17th 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 in 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 17th 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. – 14th St.) and 15th 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
- 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
- 17th 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 18th 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.

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 17th 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 SELECTION

B.1 The persons 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 registered professional engineer in the State of Louisiana with over 23 years of experience in Civil Engineering projects including major drainage design, culvert design, roadway design, traffic design and project management.

B.2 The persons 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' experience in the disciplines involved.

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

Robert E. Nockton, P.E. is a registered professional engineer in the State of Louisiana with over 29 years of design experience in Civil Engineering projects including drainage design (subsurface collection, culverts, ditches, major drainage and pump stations), flood control (detention basins, levees and floodwalls), waterline design, sewerage design, water and wastewater treatment, roadway design and project management.

B.3 The persons 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.

Linfield, Hunter & Junius, Inc. (LH&J) has twelve (12) full-time professional engineers registered in the State of Louisiana with over 100 years combined experience in drainage design and traffic engineering design. 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 twenty-three (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 forty (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 drainage 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.

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:
Linfield, Hunter & Junius, Inc.

Public Address:
3608 18th Street, Suite 200
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

State of Louisiana

Board of Architectural Examiners

The firm whose name appears on this certificate is in compliance with the provisions of the Louisiana State Board of Architectural Examiners' Licensing Law and Rules and Regulations and is duly registered and entitled to practice architecture in the State of Louisiana.

CERTIFICATE OF AUTHORITY NO. AE0030 *EXPIRES* June 30, 2024

Linfield, Hunter & Junius, Inc.

President

Secretary

Executive Director

May 25, 2023
Date

$75.00
Fee Paid

(ALL CERTIFICATES BECOME DELINQUENT AFTER EXPIRATION DATE)

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