



SANITARY SEWERAGE SYSTEM
ALONG HIGHWAY 23



VETERANS BLVD SEWER FORCE MAIN BORE
JEFFERSON PARISH, LA



LIFT STATION NO. 4
BELLECHASSE, LOUISIANA



STATEMENT^{OF} QUALIFICATIONS

ROUTINE ENGINEERING SERVICES
FOR SEWER PROJECTS

SOQ NO. 22-010
RESOLUTION NUMBER: 138812



MARCH 25, 2022

LINFIELD, HUNTER & JUNIUS, INC.

22M-031



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.
Benjamin N. Chadwick, 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.
Timothy J. Roth, P.E.
Luis F. Sosa, P.E.
Richard A. Van Wootten, P.E.

March 25, 2022

Ms. Eula A. Lopez, Parish Clerk
Jefferson Parish Council
200 Derbigny Street, Suite 6700
Gretna, LA 70053

**RE: Statement of Qualifications
Routine Engineering Services for Sewer Projects in
Jefferson Parish for a Two-Year Period
Resolution No. 138812 – SOQ No. 22-010
Our File #: 22M-031**

Dear Ms. Lopez:

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

LH&J is well qualified to provide the services required for this project. Our Team is made up of over 20 professionals and a support staff of over 30 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/ckc

Enclosures

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Routine Engineering Services for Sewer Projects in Jefferson Parish for a Two-Year Period
Resolution No. 138812
SOQ 22-010

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:

| | | |
|--------------------------------------|---------------------------|-------------------------------|
| <u>5</u> Administrative | — Estimators | — Specification Writers |
| <u>1</u> Architects (Licensed) | — Geologists | <u>4</u> Structural Engineers |
| — Chemical Engineers | — Geotechnical Engineers | — Graduate Engineers |
| <u>6</u> Civil Engineers (Licensed) | — Interior Designers | — Project Managers |
| <u>5</u> Construction Inspectors | — Landscape Architects | <u>1</u> Clerical |
| — Ecologists | <u>5</u> Land Surveyor | — Grant/Funding Specialist |
| — Electrical Engineers | — Mechanical Engineers | — Sanitary Engineers |
| <u>4</u> Engineer Intern | — Environmental Engineers | <u>3</u> CADD Drafters |
| <u>2</u> Professional Land Surveyors | <u>1</u> Architect Intern | <u>37</u> TOTAL |

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

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

TEC Professional Services Questionnaire

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

1. N/A

2.

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

YES ☐ NO ☐ N/A

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

| Name & Address: | Specialty: | Worked with Firm Before (Yes or No): |
|-----------------|------------|--------------------------------------|
| 1.N/A | | |
| 2. | | |
| 3. | | |

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

12

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

LINFIELD, HUNTER & JUNIUS, INC.
STAFFING PLAN



**Routine Engineering Services
for Sewer Projects in Jefferson
Parish**

**SOQ No. 22-010
Resolution No. 138812**

Prime Consultant



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

Management Team

Nathan J. Junius, P.E., P.L.S.
Principal in Charge / Lead Land Surveyor

Robert E. Nockton, P.E.
Project Manager

Design Team

Civil Engineering

Luis F. Sosa, P.E.
Lead Civil Engineer

John M. Jackson, P.E.

Mark K. Annino, E.I.

Vincent J. Leco, E.I.

Roadway/Traffic Engineering

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

Cecily K. Criscoe, E.I.

Land Surveying

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

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

Daniel D. Bindewald
Survey Party Chief

Paul H. Morales
Survey Party Chief

Christopher G. Klimm, E.I.
Survey Party Chief

Cooper G. Ashworth, E.I.
Survey Party Chief

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, President

Project Assignment:

Principal In Charge / Land Surveying Team Leader

Name of Firm with which associated:



LINFIELD, HUNTER & JUNIUS, INC.

Years' experience with this Firm:

20 Years

Education: Degree(s)/Year Specialization:

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

Active registration: Year first registered/discipline:

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

Other experience and qualifications relevant to the proposed Project:

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

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

ENGINEERING PROJECTS

KENNER WASTEWATER TREATMENT PLANT NO. 3 EXPANSION, KENNER, LA

Wastewater treatment plant No. 3 expansion from 42 MGD to 62 MGD.

N. HULLEN AND VETERANS / EDENBORN AND VETERANS FORCE MAIN EXTENSION WITH LIFT STATION IMPROVEMENTS, METAIRIE, LA

This project consisted of the installation of approximately 6,300 linear feet of new HDPE force main by horizontal directional drilling and the rehabilitation of two sewage lift stations.

TEC Professional Services Questionnaire

Nathan J. Junius, P.E., P.L.S., PTOE, President
Principal in Charge – Land Surveying Team Leader

Resume

PARISHWIDE WATER AND SEWERAGE PLANNING, PLAQUEMINES PARISH, LA

Performed analysis of existing water and sewage collection facilities Parish-wide and developed a master water and sewerage plan to provide public sewerage to presently un-sewered areas and to provide for future Parish-wide growth.

WATER DISTRIBUTION AND SEWERAGE COLLECTION SYSTEMS FOR NAS HOUSING, BELLE CHASSE, LA

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

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

Lead Engineer for the expansion of the plant from 6MGD to 12 MGD including the rehabilitation of existing bio-towers and sludge drying beds and **replacement of numerous site waterlines**.

LAND SURVEYING

Junius has been responsible for survey operations and daily direction of the survey crew. He was also responsible for the QA/QC of multibeam deliverables. Junius has provided virtual reference station (VRS)/ real time kinematic (RTK) surveys and 3rd Order Levels for Control as well as hydrographic multibeam surveys. Deliverables included EM Files, ASCII Files, XYZ Files and a detailed survey report.

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

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**.

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

Land Surveying Team Leader for this drainage project. Topographic surveying for the widening and concrete lining of approximately 700 feet of the 17th Street Canal between the Hoey's Canal and Airline Drive and the reconstruction of a portion of Cecil Street including **subsurface drainage**.

Junius is a member of the New Orleans Chapter American Society of Civil Engineers, American Public Works Association, Louisiana Engineering Society, Society of American Military Engineers, Louisiana Society of Land Surveyors and American Council of Engineering Companies of Louisiana/New Orleans Chapter. He has served as board member and president of several of these organizations. Louisiana Society of Land Surveyors and American Council of Engineering Companies of Louisiana/New Orleans Chapter. He has served as board member and president of several of these organizations.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Robert E. Nockton, P.E., Civil Engineer

Project Assignment:

Project Manager

Name of Firm with which associated:



LINFIELD, HUNTER & JUNIUS, INC.

Years' experience with this Firm:

27 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 involved in the engineering of a wide variety of projects including improvements to major drainage structures, storm water management systems with green infrastructure, drainage pump stations, drainage studies, urban streets projects, water and **sewerage studies**, new waterlines and **sewer lines**, waterline and **sewer line replacement and upgrades**, **wastewater pump station design and rehabilitation**, utility relocations, surveying and site design. Nockton has been Project Manager and/or Lead Civil Engineer on many successful projects in the past five years.

N. HULLEN AND VETERANS / EDENBORN AND VETERANS FORCE MAIN EXTENSION WITH LIFT STATION IMPROVEMENTS, METAIRIE, LA

Nockton is the **Project Manager** for this project. This project consists of the installation of approximately **6,300 linear feet of new HDPE force main** by horizontal directional drilling and the **rehabilitation of two sewage lift stations**.

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

Nockton is the **Project Manager** for this project. This project consists of the construction of sanitary sewerage, force mains, three large transfer lift stations, numerous minor lift stations and house connections along a 10-mile reach of presently unsewered area.

TEC Professional Services Questionnaire

Robert E. Nockton, P.E., Civil Engineer
Project Assignment – Project Manager

Resume

INCREASE PUMPING CAPACITY OF SEWAGE LIFT STATION NOS. 4 AND 7, BELLE CHASSE, LA

Nockton was **Project Manager** and Lead Civil Engineer for this project. This project included construction of new discharge force mains, upgrading of lift station pumps and motors and rehabilitation of the Lift Station No. 7 wet well.

PARISHWIDE WATER AND SEWERAGE PLANNING, PLAQUEMINES PARISH, LA

Nockton was Lead Civil Engineer for this project. Performed analysis of existing sewage collection facilities Parish-wide and developed a master sewerage plan to provide public sewerage to presently unsewered areas and to provide sewerage for future Parish-wide growth.

EAST BANK SEWERAGE EXTENSIONS, POINTE-A-LA-HACHE TO BOHEMIA, PLAQUEMINES PARISH, LA

Nockton was **Project Manager** and **Lead Civil Engineer** for this project. This project included the installation of a 2-mile long **combination gravity/low pressure sewage collection system** including three sewage lift stations and individual grinder pump stations.

KENNER WASTEWATER TREATMENT PLANT NO. 3 EXPANSION, KENNER, LA

Nockton is **Project Manager** and Lead Civil Engineer for this plant expansion from 42 MGD to 62 MGD.

EXPANSION AND REHABILITATION OF THE BELLE CHASSE WASTEWATER TREATMENT PLANT, PLAQUEMINES PARISH, LA

Nockton was **Project Manager** and Lead Civil Engineer for a plant expansion from 6 MGD to 12 MGD and including rehabilitation of existing clarifiers, bio towers and sludge drying beds.

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

Nockton was Lead Civil Engineer for this project. This project included the installation of a **new sewage collection system** and potable water distribution system to service 500 townhouses in a new Navy housing development. The system included **two miles of gravity sewerage, one mile of sewage force main, three sewage lift stations** and the installation of multiple 8" diameter PVC waterline loops.

RUSSELL STREET IMPROVEMENTS, JEFFERSON PARISH, LA

Nockton was Lead Civil Engineer for this project. This project entailed the installation of approximately 1,100 feet of new 45-inch by 73-inch arch pipe beneath Stephen Drive from Russell Street to the Soniat Canal, the reconstruction of Stephen Drive and **sanitary sewer line relocation**.

SANITARY SEWERAGE REPLACEMENT IN LOWER TRIUMPH, PLAQUEMINES PARISH, LA

Oversaw the cleaning, television inspection and smoke testing of sanitary sewer lines and used the results of the television inspection and smoke testing to develop plans for sewer point repairs and rehabilitation of a deteriorated sewage lift station.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Luis F. Sosa, P.E., Civil Engineer

Project Assignment:

Lead Civil Engineer

Name of Firm with which associated:



LINFIELD, HUNTER & JUNIUS, INC.

Years' experience with this Firm:

43 Years

Education: Degree(s)/Year Specialization:

Louisiana State University New Orleans / B.A. / 1973 / Biological Sciences

University of New Orleans / B.S. / 1978 / Civil Engineering

Tulane University / M.S. / 1982 / Civil Engineering

Active registration: Year first registered/discipline:

1984 / Civil / LA License No. PE.0020850

1993 / Environmental / LA License No. PE.0020850

Other experience and qualifications relevant to the proposed Project:

Sosa is a seasoned engineer with experience primarily in the areas of major drainage improvements, water treatment and distribution, **wastewater collection system evaluation, repair, and upgrades, wastewater treatment**, and land development.

Sosa has considerable experience performing hydraulic analysis of open channels including culverts and of pressure pipe, including waterlines and sewage force mains.

N. HULLEN AND VETERANS / EDENBORN AND VETERANS FORCE MAIN EXTENSION WITH LIFT STATION IMPROVEMENTS, METAIRIE, LA

Sosa is the **Lead Civil Engineer** for this project. This project consists of the installation of approximately **6,300 linear feet of new HDPE force main** by horizontal directional drilling and the **rehabilitation of two sewage lift stations**.

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

Sosa is the **Lead Civil Engineer** for this project. This project consists of the construction of sanitary sewerage, force mains, three large transfer lift stations, numerous minor lift stations and house connections along a 10-mile reach of presently unsewered area.

TEC Professional Services Questionnaire

Luis F. Sosa P.E., Civil Engineer
Project Assignment – Lead Civil Engineer

Resume

INCREASE PUMPING CAPACITY OF SEWAGE LIFT STATION NOS. 4 AND 7, BELLE CHASSE, LA

Sosa was Senior Civil Engineer for this project. This project included construction of new discharge force mains, upgrading of lift station pumps and motors and rehabilitation of the Lift Station No. 7 wet well. Sosa was the Lead Civil Engineer for a previous project that included the **rehabilitation of the wet wells of these two major lift stations.**

PARISHWIDE WATER AND SEWERAGE PLANNING, PLAQUEMINES PARISH, LA

Sosa was Senior Sanitary Engineer for this project. Performed analysis of existing sewage collection facilities Parish-wide and developed a master sewerage plan to provide public sewerage to presently un-sewered areas and to provide sewerage for future Parish-wide growth.

EAST BANK SEWERAGE EXTENSIONS, POINTE-A-LA-HACHE TO BOHEMIA, PLAQUEMINES PARISH, LA

Sosa was Senior Civil Engineer for this project. This project included the installation of a 2-mile long **combination gravity/low pressure sewage collection system** including three sewage lift stations and individual grinder pump stations.

KENNER WASTEWATER TREATMENT PLANT NO. 3 EXPANSION, KENNER, LA

Sosa was Senior Sanitary Engineer for this plant expansion from 42 MGD to 62 MGD.

BELLE CHASSE WASTEWATER TREATMENT PLANT EXPANSIONS, PLAQUEMINES PARISH, LA

Sosa was the Senior Sanitary Engineer for two expansions of the Belle Chasse Wastewater Treatment Plant. The first expansion, completed in the 1980's, expanded that plant capacity to 6 MGD and added new secondary treatment. Another expansion was recently completed that expanded that plant capacity from 6 MGD to 12 MGD and included rehabilitation of the existing plant facilities.

SANITARY SEWERAGE REPLACEMENT IN LOWER TRIUMPH, PLAQUEMINES PARISH, LA

Sosa was Lead Civil Engineer for this project. Oversaw the cleaning, television inspection and smoke testing of sanitary sewer lines and used the results of the television inspection and smoke testing to develop plans for sewer point repairs and rehabilitation of a deteriorated sewage lift station.

DAVANT TO EAST POINTE-A-LA-HACHE SANITARY SEWERAGE SYSTEM, PLAQUEMINES PARISH, LA

Sosa was the Lead Civil Engineer this project. This work included **five miles of gravity collection lines, two miles of force mains, 300 house connections, and six sewage lift stations.**

PARISHWIDE SMOKE TESTING OF SANITARY SEWERS IN PLAQUEMINES PARISH

Sosa was the Senior Sanitary Engineer responsible for smoke tests, TV inspections, ratings, and **rehabilitation of over 100,000 linear feet of gravity sewers and numerous deteriorated sewage lift stations** in Plaquemines Parish.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Casey M. Genovese, P.E., Civil Engineer

Project Assignment:

Senior Roadway / Traffic Engineer

Name of Firm with which associated:



LINFIELD, HUNTER & JUNIUS, INC.

Years' experience with this Firm:

16 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 roadway work, utility design and traffic engineering. He is in charge of the traffic work for all CVS/Pharmacy projects and his traffic and roadway expertise is often called upon when needed for other projects within the office. He has been responsible for the following traffic improvement projects and studies for the following projects

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 impact analysis and road design** of George Avenue 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 RD.

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.

Casey M. Genovese, P.E., Civil Engineer
Project Assignment – Senior Roadway / Traffic Engineer

Resume

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:

John M. Jackson, P.E.

Project Assignment:

Civil Engineer

Name of Firm with which associated:



LINFIELD, HUNTER & JUNIUS, INC.

Years' experience with this Firm:

7 Years

Education: Degree(s)/Year Specialization:

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

Active registration: Year first registered/discipline:

2021 / Civil / LA License No. PE.0045804

Other experience and qualifications relevant to the proposed Project:

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

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

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

This project consists of the construction of sanitary sewerage, force mains, three large transfer lift stations, numerous minor lift stations and house connections along a 10-mile reach of presently unsewered area

L&A ROAD IMPROVEMENTS, METAIRIE, LA

Full engineering services including topographic surveying and preliminary and final design for site design including roadway, drainage, and **gravity sewer** and water main replacement on a large military base. Role: Civil Engineer

TEC Professional Services Questionnaire

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

Resume

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

Full Engineering services including topographic surveying, preliminary and final design, bidding, construction administration and resident inspection. The total project consists of the 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. Role: Project Manager

MAGAZINE STREET RECONSTRUCTION NEW ORLEANS, LA

Full Engineering services including topographic surveying, preliminary and final design, bidding, construction administration and resident inspection. The total project consists of the of 12,500 linear feet of 35' wide roadway reconstruction, 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. Role: Civil Engineer

JEFFERSON PARISH DISTRICT 5 STREETS RECONSTRUCTION, METAIRIE, LA

Full engineering services including topographic surveying, scoping, preliminary and final design, bidding, construction administration and resident inspection. This project included concrete patching, cold milling, and overlay and reconstruction of over 100 flood damaged streets (35,500 l.f.). Role: Civil Engineer

AMES BLVD. RESURFACING, MARRERO, LA

Full engineering services including topographic surveying, scoping, preliminary and final design, and bidding. The total project consists of 1,990 linear feet of roadway resurfacing. Role: Civil Engineer

HOLMES BOULEVARD REHABILITATION, GRETNA, LA

Full engineering services including, preliminary and final design and DOTD permitting. The total project consists of 3,490 linear feet of roadway striping, phasing, and temporary traffic control plans as well as a traffic signal relocation plan. Role: Project Manager

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

Full Engineering services including topographic surveying, preliminary and final design, bidding, construction administration and resident inspection. This project includes the repair or reconstruction of over 200 flood damaged streets in eastern New Orleans, including replacement of asphalt and concrete roadway, sidewalks, driveways and handicap ramps. Role: Civil Engineer

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

Full Engineering services including topographic surveying, scoping, preliminary and final design, bidding, construction administration and resident inspection. This project includes 57,650 sq.yd. of street reconstruction, concrete patching, asphalt mill/overlay, ADA ramps, incidental paving, water and sanitary sewer replacement. Role: Civil Engineer

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Mark K. Annino, E.I.

Project Assignment:

Civil Engineering

Name of Firm with which associated:



LINFIELD, HUNTER & JUNIUS, INC.

Years' experience with this Firm:

27 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 roadways, bridges, subsurface and major drainage structures, water distribution systems, utility system replacement / relocation (sewer, water, drain, etc.), hydraulic structures. Annino has also been involved in the permit application process and construction administration of several of these projects.

N. HULLEN AND VETERANS / EDENBORN AND VETERANS FORCE MAIN EXTENSION WITH LIFT STATION IMPROVEMENTS, METAIRIE, LA

Annino performed preliminary geometric layouts and developed logistical construction procedures for this project that consists of the installation of approximately **6,300 linear feet of new HDPE force main** by horizontal directional drilling and the **rehabilitation of two sewage lift stations**.

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 sanitary sewer lines** and utility relocation.

LOUISVILLE STREET / CATINA STREET RECONSTRUCTION, NEW ORLEANS, LA

Annino was the Civil Engineering Design Team Leader for this project. This project entailed the reconstruction of 3,950 feet of roadway including **replacement of sanitary sewer lines** and utility relocation.

TEC Professional Services Questionnaire

Mark K. Annino, BSCE
Project Assignment – Civil Engineering

Resume

PARISHWIDE WATER AND SEWERAGE PLANNING, PLAQUEMINES PARISH, LA

Performed analysis of existing sewage collection facilities Parish-wide and developed a master sewerage plan to provide public sewerage to presently unsewered areas and to provide sewerage for future Parish-wide growth.

EAST AND WEST LIVINGSTON PLACE ROADWAY 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, **sanitary sewer line replacement** and utility relocation.

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, the reconstruction of the affected roadways, **sanitary sewer line relocation** and utility relocation.

WOODLAND AVENUE RECONSTRUCTION, NEW ORLEANS, LA

Annino was the Civil Engineering Design Team Leader for this project. This project entailed the reconstruction of 2,250 feet of divided roadway including **replacement of sanitary sewer lines** and utility relocation.

HOLLYGROVE DRAINAGE IMPROVEMENTS, NEW ORLEANS, LA

Annino performed Civil Engineering on this project. LH&J designed all improvements including the covered box culverts, subsurface drainage, two drainage pumping stations, **sanitary sewerage replacement and relocation**, utility relocations and roadway reconstruction.

EARHART CORRIDOR RECONSTRUCTION, NEW ORLEANS, LA

Annino performed Civil Engineering on this project. This project entailed the reconstruction of 7,000 feet of roadway including **replacement of sanitary sewer lines** and utility relocation.

OTHER RELEVANT PROJECTS:

- St. Charles Avenue - 10,500 feet of roadway reconstruction
- S. Claiborne Ave Canal I - 5,000 feet of roadway reconstruction and utility relocation
- General DeGaulle Crossings (S.P. No. 410-01-0039)
- Dakin Street Corridor
- Reconstruction of Metairie Road Bridge and Approach Roads at 17th Street Canal (S.P. No. 826-04-0011 & 836-05-0005), New Orleans - Metairie, LA
- Reconstruction of Eight Minor Streets, City of New Orleans, LA (City Project # 88-8-A2)
- Pressburg Street and Alcee Fortier Street Reconstruction, New Orleans, LA
- Reconstruction of Leon C. Simon Bridge and Approaches at London Canal, New Orleans, LA
- Reconstruction of Gentilly Boulevard Bridge and Approaches at London Canal, New Orleans, LA
- 70-acre (5,400 parking space) site expansion of Oakwood Shopping Center, Gretna, LA
- Shemberdy Industrial Park Subdivision (23 acres), Jefferson, LA
- North Kenner Park-N-Ride Parking Lot, Kenner, LA

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Vincent J. Leco, E.I.

Project Assignment:

Civil Engineer Intern

Name of Firm with which associated:



LINFIELD, HUNTER & JUNIUS, INC.

Years' experience with this Firm:

5 Years

Education: Degree(s)/Year Specialization:

University of New Orleans / 2019 / BS / Civil Engineering

Active registration: Year first registered/discipline:

2020 / Civil / LA License No. EI.0034160

Other experience and qualifications relevant to the proposed Project:

Leco has been working at Linfield, Hunter & Junius, Inc. since he graduated from the University of New Orleans in 2019. His experience with the firm is in design of civil projects such as utility expansions and relocations, urban streets, highways, surveying, site developments, storm water management systems, improvements to major drainage structures, and drainage studies.

LAKE TOWNE CENTER SEWER RELOCATION, KENNER, LA

This project involves sewer pump design, lift station relocation, and sewer utility reroute to tie sewer lines from the LakeTowne Center development to the municipal sewer system.

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

Full Engineering services including topographic surveying, preliminary and final design, bidding, construction administration and resident inspection. The total project consists of the 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. Role: Project Manager

MAGAZINE STREET ROADWAY IMPROVEMENTS, NEW ORLEANS, LA

Reconstruction of Magazine St. from Leake Avenue to East Drive. The reconstruction includes regrading, new striping, adjustment of utility manholes where applicable, 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.

TEC Professional Services Questionnaire

Vincent J. Leco, E.I.
Project Assignment – Civil Engineer Intern

Resume

VULCAN STREET, HARVEY, LA

Design of drainage upgrades and road replacement along Vulcan St. from Par 3 Dr. to Telestar St. Responsible for coordination with client and currently involved in construction administration for the ongoing project. The project includes removal and replacement of driveways, handicap ramps, and approximately 1,000 linear feet of 28' wide of concrete road.

HOLMES BLVD. REHABILITATION, GRETNA, LA

Design and constructing of traffic signal plans, construction phasing/detour plans, and striping plans for Holmes Blvd. rehabilitation from Browning Ln. to Behrman Hwy.

DESIRE STREET NEIGHBORHOOD, NEW ORLEANS, LA

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.



TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Cecily K. Criscoe, E.I.

Project Assignment:

Roadway Engineer Intern

Name of Firm with which associated:



LINFIELD, HUNTER & JUNIUS, INC.

Years' experience with this Firm:

1 Year

Education: Degree(s)/Year Specialization:

Louisiana State University Baton Rouge / M.S. / 2010 / Civil Engineering

Active registration: Year first registered/discipline:

2021/Civil/LA License No. E.I. 0034794

Other experience and qualifications relevant to the proposed Project:

Criscoe has experience in municipal roadways, including hydraulic modeling for bridge design, as well as hydrologic studies and drainage design. She has worked on road reconstruction and redesign projects. Additionally, she has engineering drawing, design, and modeling experience for coastal restoration.

WEST NAPOLEON AVENUE EXTENSION TO CONNECT WITH AIRPORT ACCESS ROAD IN KENNER, LA -FEASIBILITY STUDY STAGE 0

Criscoe is a **traffic design engineer intern** on this study that will identify necessary improvements to facilitate traffic movement into and out of the airport and eastward and westward along Veterans Blvd and Airline Highway by extending West Napoleon Ave to Airport Access Road. Budgetary costs will be developed to increase transportation, modal efficiency and enhance safety for all users of West Napoleon Avenue. and Airport Road and recommendations will be made to improve operational effectiveness and accessibility by vehicular and non-motorized modes along the corridor. Criscoe models traffic alternatives for this project using **Synchro software**.

TEC Professional Services Questionnaire

Cecily K. Criscoe, E.I.
Project Assignment – Roadway Engineer Intern

Resume

TRAFFIC IMPACT ANALYSIS FOR BELLE CHASSE HIGHWAY 190-UNIT MID-RISE APARTMENT COMPLEX JEFFERSON PARISH, LA

Criscoe conducted this **traffic impact analysis** by gathering data in field investigations and using this data and data attained from trip generation calculations along with **Synchro software** to model effects of building a 190-Unit Midrise Apartment Complex at the selected location on Belle Chasse Highway.

CHRIS KENNEDY BRIDGE REPLACEMENT, PEARL RIVER, LA

Criscoe **uses the HEC RAS software** in hydraulic design to model depth of flow through Gum Creek during various storm frequency conditions in Pearl River, LA in-order-to determine parameters for **bridge redesign**.

CONSTRUCTION MANAGEMENT AND ROADWAY REDESIGN, MINNESOTA

Criscoe was **project manager** for multiple construction **road reconstruction** projects in rural Minnesota following a spring flooding event due to snow melt that washed out many gravel roads, culverts, and stream embankments. **Cost estimation** was a necessary part of her role in the project.

FORT POLK MATOC ST. MARY PARISH, LA

Criscoe assisted in the design for the construction of three roads within the base, including grading, drainage and horizontal layout for **reworking of Haymon, Self, & McInnis Roads**.



TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

William J. Muller, P.L.S., Registered Land Surveyor

Project Assignment:

Senior Land Surveyor / Lead Land Surveyor

Name of Firm with which associated:



LINFIELD, HUNTER & JUNIUS, INC.

Years' experience with this Firm:

16 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. He has been providing land surveying for the firm the past 11 years.

Following is a small sampling of Muller's experience:

WOODLAND DRIVE – GENERAL DEGAULLE DRIVE TO TULLIS DRIVE

Lead Land Surveyor. Topographic and boundary survey for City of New Orleans roadway project.

MAGAZINE STREET - ROADWAY IMPROVEMENTS

Lead Land Surveyor. Topographic and boundary survey for City of New Orleans roadway project.

GENERAL DEGAULLE CANAL CROSSINGS

Lead Land Surveyor. Topographic and boundary survey for State Highway 428.

SOUTH CLAIBORNE AVENUE CANAL I

Lead Land Surveyor. Topographic and boundary survey for State Highway 90.

ST. CHARLES AVENUE NAPOLEON AVENUE TO CALLIOPE STREET

Lead Land Surveyor. Topographic and boundary survey for City of New Orleans roadway.

ADDITIONAL EXPERIENCE AND QUALIFICATIONS

I-10 METAIRIE – CAUSEWAY TO ORLEANS PARISH LINE

Lead Land Surveyor. Topographic and boundary survey for Interstate 10.

I-10 METAIRIE – CLEARVIEW TO CAUSEWAY

Lead Land Surveyor. Topographic and boundary survey for Interstate 10.

I-10 METAIRIE – VETERANS MEMORIAL BLVD. TO CLEARVIEW

Lead Land Surveyor. Topographic and boundary survey for Interstate 10.

I-10 KENNER – WILLIAMS BLVD. INTERCHANGE

Lead Land Surveyor. Topographic and boundary survey for Interstate 10.

US 190 - MANDEVILLE – CAUSEWAY TO STATE PARK

Lead Land Surveyor. Topographic and boundary survey for U.S. Highway 190.

US 190 - SLIDELL – FREMAUX INTERCHANGE

Lead Land Surveyor. Topographic and boundary survey for U.S. Highway 190.

US 190 - SLIDELL - FREMAUX- 9th TO I-10

Lead Land Surveyor. Topographic and boundary survey for U.S. Highway 190.

I-10 SLIDELL - LA 433 TO US 190

Lead Land Surveyor. Topographic and boundary survey for Interstate 10.

US 190 SLIDELL - US 11 TO THOMPSON RD.

Lead Land Surveyor. Topographic and boundary survey for U.S. Highway 190.

ST. TAMMANY PARISH EAST OF ABITA SPRINGS – NEW HIGHWAY FROM LA 36 TO LA 435

Lead Land Surveyor. Topographic and boundary survey for new Louisiana state highway.

LA 611 – METAIRIE ROAD

Lead Land Surveyor. Topographic and boundary survey for State Highway LA 611.

I-10 NEW ORLEANS - S. BROAD TO ST. CHARLES

Lead Land Surveyor. Topographic and boundary survey for Interstate 10.

LA 3139 EARHART BLVD. – JEFFERSON/ORLEANS PARISH LINE TO CLARA ST.

Lead Land Surveyor. Topographic and boundary survey State Highway 3139.

LAKE CHARLES - McNEESE/AIRPORT

Lead Land Surveyor. Topographic and boundary survey for Lake Charles, Louisiana airport.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Daniel D. Bindewald, Survey Party Chief

Project Assignment:

Survey Party Chief

Name of Firm with which associated:



LINFIELD, HUNTER & JUNIUS, INC.

Years' experience with this Firm:

13 Years

Education: Degree(s)/Year Specialization:

Southeastern Louisiana University / B.A. / Criminal Justice

Active registration: Year first registered/discipline:

N/A

Other experience and qualifications relevant to the proposed Project:

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

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

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

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

TEC Professional Services Questionnaire

Daniel D. Bindewald, Survey Party Chief
Project Assignment – Survey Party Chief

Resume

ADDITIONAL EXPERIENCE AND QUALIFICATIONS

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

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

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

During the design of this 8.3 mile levee and fronting protection project, Bindewald was the GPS survey party crew chief responsible for performing the supplemental surveys that were needed to complement the Government furnished survey information. Detailed topographic surveys were performed using GPS/RTK equipment at the Ollie Pump Station and at the interface with the adjacent WBV-09a floodwall. Hydrographic surveys were performed to collect bathymetric data for a number of canals and bodies of water that are immediately adjacent to the levee alignment. All elevation data was collected using the North American Vertical Datum (N.A.V.D. 88) (2004.65) and all X-Y coordinates were based upon the Louisiana State Plane Coordinate System, South Zone NAD 83, in U.S. survey feet. During the construction of the project, Bindewald was the GPS survey party chief responsible for field locating the locations for installing 30 temporary bench marks (TBMs) that were supported by 60-foot deep concrete filled boreholes. After construction of the TBMs he performed high precision ± 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, Survey Party Chief

Project Assignment:

Survey Party Chief

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 / 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

RELEVANT EXPERIENCE:**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
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

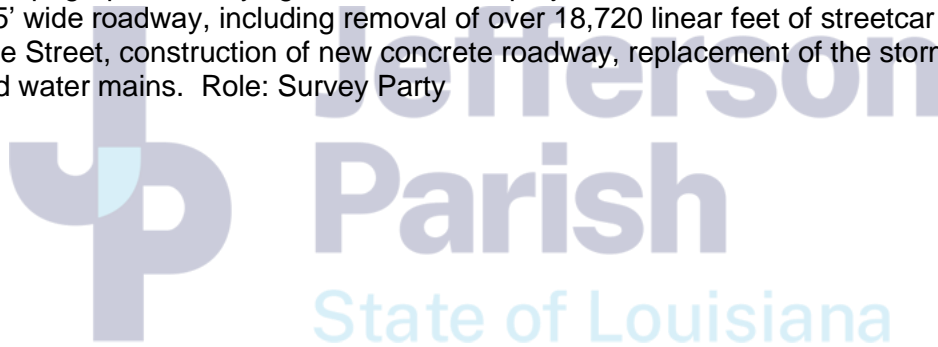
Hydrographic survey of approximately 150 acres in Southshore Harbor including portions of the navigation channel and Lake Pontchartrain. Included cross sections and profiles of approximately 10 acres of the north peninsula floodwall for a potential dredge spoil area.

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

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Christopher G. Klimm, E.I., Survey Party Chief

Project Assignment:

Survey Party Chief

Name of Firm with which associated:

LINFIELD, HUNTER & JUNIUS, INC.

Years' experience with this Firm:

2 Years

Education: Degree(s)/Year Specialization:

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

Active registration: Year first registered/discipline:

2020 / Civil / LA License / EI.0034562

Other experience and qualifications relevant to the proposed Project:

Klimm is a civil engineer intern who has been with LH&J for two years. He has worked on various civil and structural engineering projects and has experience as a dock inspection team member and structural designer.

DRAINAGE IMPROVEMENTS N. SIBLEY AT WEST NAPOLEON INSPECTION, METAIRIE, LA

Resident Inspector for portions of the construction of drainage improvements at N. Sibley St. Klimm was responsible for monitoring the work, verifying contractor quantities and preparation of daily reports summarizing daily construction activities.

PIPELINE LOCATION FOR SOIL BORINGS, HACKBERRY, LA

Survey Team Member for the location of existing utility lines in Calcasieu Lake in advance of the drilling of soil borings. Klimm was responsible for obtaining water surface level elevations in the locations of the proposed borings and operating a hydraulic piezometer to confirm the accuracy of the signs showing utility lines locations.

AVONDALE SHIPYARD REDEVELOPMENT, WESTWEGO, LA

Klimm was part of a Team that inspected a damaged dock in the Avondale Shipyard. Klimm developed schematics of the structural supports of the dock and documented signs of damage in the piles or beams. Klimm subsequently drafted plans of the dock specifying which piles or beams needed replacing.

TEC Professional Services Questionnaire

Christopher G. Klimm, E.I., Survey Party Chief
Project Assignment – Survey Party Chief

Resume

GEISENHEIMER CANAL IMPROVEMENTS, METAIRIE, LA

Klimm assisted with the plans and specifications for the construction of Geisenheimer Canal Improvements. This project takes place inside Metairie County Club and includes the installation of a new 12' x 8' reinforced concrete box culvert. Klimm was responsible for the design and drafting of structural details of drainage junction boxes where lateral pipes connected to the new box culvert.

UNITED BULK TERMINAL DOCK INSPECTIONS, DAVANT, LA

Klimm was part of a Team that inspected damaged docks and assisted in assembling the damage report. This project consisted of a substructure inspection by boat of a steel pile dock structure located on the Mississippi River. Included inspection report prepared in accordance with the ASCE MOP No. 130 – “Waterfront Facilities Inspection and Assessment”.

HURRICANE IDA DAMAGE ASSESSMENTS, PORT OF NEW ORLEANS, LA

Klimm was part of LH&J damage assessment team working traveling to various PONO facilities, providing information for the damage assessment reports. Worked on quantity take-offs and cost estimates. Assisted in preparation of the forms required for the assessments.

NASA MICHoud ASSEMBLY FACILITY, WEST BARGE DOCK INSPECTION, NEW ORLEANS, LA

Klimm was part of a Team that performed a substructure inspection of the West Barge Dock. He also assisted with load capacity calculations, repair sketches and material take-offs.

LOUMOR OUTFALL DITCH IMPROVEMENTS, METAIRIE, LA

Klimm assisted with the plans and specifications for the construction of Loumor Ditch Drainage Improvements. This project takes place inside Metairie County Club and includes the installation of a new 78" x 122" reinforced concrete drainage line which will start at Geisenheimer canal and end at Loumor ditch. Specifically, Klimm drafted the structural details for the new drainage junction boxes.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Cooper G. Ashworth, E.I., Survey Party Chief

Project Assignment:

Survey Party Chief

Name of Firm with which associated:

LINFIELD, HUNTER & JUNIUS, INC.

Years' experience with this Firm:

1 Year

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:**RELEVANT EXPERIENCE:****ST. JAMES SOLAR, VACHERIE LA, ST. JACQUES SOLAR, VACHERIE LA, AND SUNLIGHT ROAD SOLAR, FRANKLINTON, LA**

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

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

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

Topographic Survey Drafting, Drone Surveying, Photogrammetry

XPLORE CREDIT UNION, METAIRIE, LA

Boundary Survey Drafting



TEC Professional Services Questionnaire

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

PROJECT NO. 1

| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
|---|--|--------------------------------------|
| <p>N. Hullen and Veterans Force Main Extension/Edenborn and Veterans Force Main Extension with Lift Station Improvements Jefferson Parish, LA</p> <p>Jefferson Parish Government Department of Capital Projects 1221 Elmwood Park Blvd.-Ste 906 Jefferson, LA 70123 Neil D. Schneider, P.E., CCM (504) 736-6833</p>   | <p>Jefferson Parish Sewage Lift Stations G7-9 and F7-6 are two main lift stations that service the sanitary sewerage system along Veterans Memorial Boulevard between Causeway Boulevard and the Suburban Canal. Lift Station G7-9 is located at the southwest corner of the intersection of N. Hullen Street and Veterans Memorial Boulevard. Lift Station F7-6 is located at the southwest corner of the intersection of Edenborn Avenue and Veterans Memorial Boulevard. Over the years these lift stations and their discharge force mains have deteriorated and accordingly the lift stations regularly backup during peak events.</p> <p>This project consists of the rehabilitation of Lift Station G7-9 and Lift Station F7-6 and the construction of new effluent force mains for each lift station. Rehabilitation of the lift stations includes waterproofing of the wet wells and replacing pumps, motors and ancillary equipment. A new 10-inch diameter HDPE force main will be installed by horizontal directional drilling from Lift Station G7-9 along the south side of Veterans Memorial Boulevard to Lift Station F7-6, approximately 1,300 feet in length. This force main will discharge into Lift Station F7-6. A new 14-inch diameter HDPE force main will also be installed by horizontal directional drilling from Lift Station F7-6 along the south side of Veterans Memorial Boulevard to Lift Station F7-11, located along the Suburban Canal, approximately 5,000 feet in length. This force main will discharge into Lift Station F7-11.</p> <p>Linfield, Hunter & Junius, Inc. is providing design phase engineering services for this project.</p> <p>Key Features Related to this Solicitation: Sanitary Sewerage (Force Mains); Sewage Lift Station Design and Rehabilitation</p> <p>Key Personnel Participation: Robert E. Nockton, P.E.; Luis F. Sosa, P.E., Mark K. Annino, E.I.</p>  | |
| Completion Date (Actual or estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| 2018 A | \$1,750,000 | \$1,750,000 |

TEC Professional Services Questionnaire

| PROJECT NO. 2 | | |
|---|--|--------------------------------------|
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
| <p>Sanitary Sewerage System along LA Highway 23 from Belle Chasse Wastewater Treatment Plant to La Reussite Plaquemines Parish, LA</p> <p>Plaquemines Parish Government Department of Public Service 8056 Highway 23, Suite 309 Belle Chasse, LA 70037 Ken Dugas (504) 934-6115</p> <div style="text-align: center; margin-top: 20px;">  </div> | <p>This project consists of the installation of a new sewage force main along Louisiana Highway 23 to provide the backbone of a new sewage collection system on the West Bank of the Mississippi River in Plaquemines Parish from the Belle Chasse Wastewater Treatment Plant south to La Reussite. This sewer line will serve a rapidly developing area of Plaquemines Parish that is not currently serviced by public sewerage. Construction of a first phase of the project was recently constructed that included the installation of 12,000 linear feet of 12-inch diameter sewage force main from the Belle Chasse Wastewater Treatment Plant to Oakville and included one transfer lift station in Oakville. Plans and specifications for the next phase of the project are complete and ready for bidding pending acquisition of required rights-of-way. This next phase extends the sewage force main along Highway 23 from Oakville to La Reussite and includes extensions along several side roads off of the highway. This next phase will include the installation of 11,000 linear feet of 10-inch diameter sewage force main, 7,700 linear feet of 8-inch diameter sewage force main, 12,500 linear feet of 6-inch diameter sewage force main, 11,600 linear feet of 4-inch diameter force main, 12,400 linear feet of gravity sewer line, 3 large transfer lift stations along Highway 23, 11 minor lift stations along side roads, two bores beneath Highway 23, 61 individual grinder pump stations and connection of an estimated 216 residences to the proposed sewerage system. This next phase is being funded in part by the LCDBG Program.</p> <p>After construction of this project, the backbone of the sewerage system needed in the rapidly developing area of Plaquemines Parish extending from Oakville to La Reussite will be in place. Extension of sewers to existing residences will then follow.</p> <p>LH&J is providing all engineering services required for the project, including preparation of a topographic and utility survey, preparation of plans and specifications, bid phase services, and construction phase services including resident inspection. Additional services provided by LH&J include the preparation of Coastal Use Permit Applications and assisting Plaquemines Parish to obtain permits, utility crossing agreements and acquiring rights-of-way required for construction.</p> <p><u>Key Features Related to this Solicitation:</u></p> <p>Sanitary Sewerage (Gravity Collection and Force Mains); Sewage Lift Stations</p> <p><u>Key Personnel Participation:</u></p> <p>Robert E. Nockton, P.E.; Luis F. Sosa, P.E.; Nathan J. Junius, P.E., P.L.S.; Daniel D. Bindewald</p> <div style="text-align: right; margin-top: 20px;">  </div> | |
| Completion Date (Actual or estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| 2017 A | \$7,000,000 | \$7,000,000 |



TEC Professional Services Questionnaire

| PROJECT NO. 3 | | | | | | |
|--|---|--|-----------------|--------------------------------------|--------|--|
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | | | | | |
| <p>Louisville Street / Catina Street Reconstruction</p> <p>City of New Orleans Department of Public Works 1300 Perdido St, Rm 6W02 New Orleans, LA 70112 Keith LaGrange 504-658-8030</p> <div style="text-align: center; margin-top: 50px;">  </div> | <p>Topographic Survey from right-of-way to right-of-way for street reconstruction project. Work included horizontal locations, location of utilities, right-of-way survey, and cross sections at 25 foot spacing. Plan, profiles and cross section sheets were drafted. All work was in accordance with New Orleans Department of Public Works Standard Survey Requirements.</p> <p>Preliminary and final design of roadway reconstruction including removal of existing asphalt and/or cement pavement, installation/replacement of sewer and water and storm drainage systems. Construction of new asphalt roadway with base, curb and gutter, handicap ramps and street signing.</p> <p>Key Features Related to this Solicitation: Sanitary sewerage design; roadway reconstruction</p> <p>Key Personnel Participation: Robert E. Nockton, P.E., Mark K. Annino, E.I.; Nathan J. Junius, P.E., P.L.S.; Daniel D. Bindewald; Paul H. Morales, IV</p> <div style="text-align: center; margin-top: 20px;">  </div> | | | | | |
| <p>Completion Date (Actual or estimated):</p> | <p style="text-align: center;">Estimated Cost:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #0070C0; color: white;"> <th style="width: 35%; padding: 5px;">Entire Project:</th> <th style="width: 65%; padding: 5px;">Work for which Firm was Responsible:</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; padding: 5px;">2018 A</td> <td style="text-align: center; padding: 5px;"> <div style="display: flex; justify-content: space-around;"> <div style="width: 45%; text-align: center;">\$1,100,000</div> <div style="width: 45%; text-align: center;">\$1,100,000</div> </div> </td> </tr> </tbody> </table> | | Entire Project: | Work for which Firm was Responsible: | 2018 A | <div style="display: flex; justify-content: space-around;"> <div style="width: 45%; text-align: center;">\$1,100,000</div> <div style="width: 45%; text-align: center;">\$1,100,000</div> </div> |
| Entire Project: | Work for which Firm was Responsible: | | | | | |
| 2018 A | <div style="display: flex; justify-content: space-around;"> <div style="width: 45%; text-align: center;">\$1,100,000</div> <div style="width: 45%; text-align: center;">\$1,100,000</div> </div> | | | | | |

TEC Professional Services Questionnaire

| PROJECT NO. 4 | | |
|---|---|--------------------------------------|
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
| <p>Rehabilitation and Upgrade of Magazine and Prytania Streets including Utilities New Orleans, LA</p> <p>City of New Orleans Dept. of Public Works 1300 Perdido St, Rm6W02 New Orleans, LA 70112 Tang Phan, P.E. (504) 565-6844</p> <div style="text-align: center; margin-top: 20px;">  </div> <div style="margin-top: 20px;">  </div> | <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p><u>Key Features Related to this Solicitation:</u> This project demonstrates capability and experience in design and phasing of complicated urban construction projects, coordination of third party utility relocations, sewage collection system design, road design, and construction phase services.</p> <p><u>Key Personnel Participation:</u> Robert E. Nockton, P.E.; Mark K. Annino, E.I.; Nathan J. Junius, P.E., P.L.S., Daneil D. Bindewald, Paul H. Morales, IV</p> <div style="text-align: right; margin-top: 20px;">  </div> | |
| Completion Date (Actual or estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| 2018 A | \$10,000,000 | \$10,000,000 |

TEC Professional Services Questionnaire


| PROJECT NO. 5 | | | | | | |
|---|---|--|-----------------|--------------------------------------|--------|--|
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | | | | | |
| <p>Rehabilitation of Sewage Lift Station Nos. 4 and 7 and Force Main Extension to Lift Station No. 8 Belle Chasse, LA</p> <p>Plaquemines Parish Government Department of Public Service 8056 Highway 23-Ste 309 Belle Chasse, LA 70037 Ken Dugas, P.E. (504) 934-6115</p> <div style="text-align: center; margin-top: 20px;">  </div> | <div style="display: flex;"> <div style="flex: 1;"> <p>The Belle Chasse Sewerage System was constructed over 50 years ago. Over the years, Lift Station Nos. 4 and 7 deteriorated heavily. These are two main lift stations in the system that collect sewage from contributory gravity collection lines serving adjacent neighborhoods and sewage that is pumped directly from several smaller lift stations. This project included the rehabilitation of Lift Station Nos. 4 and 7 including the structural rehabilitation of the lift station wet wells.</p> <p>This structural rehabilitation consisted of the installation of new reinforcing steel, placing of new concrete/gunite cover over the reinforcing steel and the installation of a protective coating over the repaired areas. As Lift Station Nos. 4 and 7 are both major lift stations in the Belle Chasse Sewerage System, continuous operation of both lift stations during rehabilitation was critical. The project included the construction of new bypass wet wells at each lift station site that allowed for full temporary bypass pumping while the lift stations were rehabilitated.</p> <p>The project also included the construction of approximately 5,800 linear feet of 24-inch diameter HDPE force main to Lift Station No. 8 to extend a force main that originally discharged into a gravity manhole.</p> <p>Linfield, Hunter & Junius, Inc. provided complete engineering services including topographic surveys, design, bid phase, and construction phase services including resident inspection for work at both lift stations.</p> <p><u>Key Features Related to this Solicitation:</u></p> <p>Sanitary Sewerage (Force Mains); Sewage Lift Stations; Topographic Surveying</p> <p><u>Key Personnel Participation:</u></p> <p>Robert E. Nockton, P.E.; Luis F. Sosa, P.E.; Nathan J. Junius, P.E., P.L.S.</p> </div> <div style="flex: 1;">  </div> </div> | | | | | |
| <p>Completion Date (Actual or estimated):</p> | <p style="text-align: center;">Estimated Cost:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #0070C0; color: white;"> <th style="width: 35%; padding: 5px;">Entire Project:</th> <th style="width: 65%; padding: 5px;">Work for which Firm was Responsible:</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; padding: 20px;">2002 A</td> <td style="text-align: center; padding: 20px;"> <div style="display: flex; justify-content: space-around;"> <div style="width: 45%;">\$740,000</div> <div style="width: 45%;">\$740,000</div> </div> </td> </tr> </tbody> </table> | | Entire Project: | Work for which Firm was Responsible: | 2002 A | <div style="display: flex; justify-content: space-around;"> <div style="width: 45%;">\$740,000</div> <div style="width: 45%;">\$740,000</div> </div> |
| Entire Project: | Work for which Firm was Responsible: | | | | | |
| 2002 A | <div style="display: flex; justify-content: space-around;"> <div style="width: 45%;">\$740,000</div> <div style="width: 45%;">\$740,000</div> </div> | | | | | |

TEC Professional Services Questionnaire

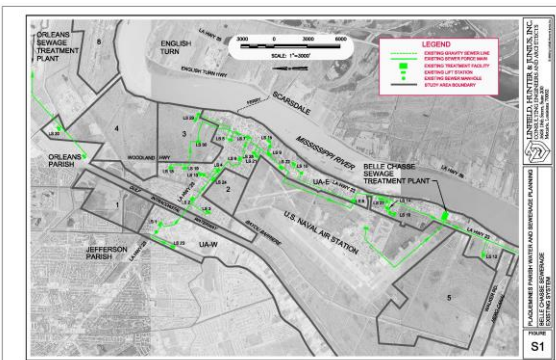

PROJECT NO. 6

| PROJECT NO. 6 | | | | | | | | |
|---|---|-------------|-----------------|--------------------------------------|--------|--|-------------|-------------|
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | | | | | | | |
| <p>Increase Pumping Capacity of Sewage Lift Station Nos. 4 and 7 Belle Chasse Sewerage System Plaquemines Parish, LA</p> <p>Plaquemines Parish Government Department of Public Service 8056 Highway 23, Suite 309 Belle Chasse, LA 70037 Ken Dugas, P.E. (504) 934-6115</p> <div style="text-align: center; margin-top: 20px;">  </div> | <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;">  </div> <div style="width: 35%;"> <p>Lift Station Nos. 4 and 7 are two main lift stations that service the Belle Chasse area. These lift stations collect sewage from contributory gravity collection lines</p> </div> </div> <p>serving adjacent neighborhoods and sewage that is pumped directly from several smaller lift stations. At times the gravity systems contributory to these lift stations would overflow during wet weather events when the flows from the contributory gravity systems and the total pumping capacity of the contributory lift stations exceeded the pumping capacity of Lift Station Nos. 4 and 7. To reduce the occurrence of these overflows, discharge force mains were re-routed and the capacities of these lift stations were increased.</p> <p>At Lift Station No. 4, a new 24-inch diameter discharge force main was constructed so that the lift station pumps directly to the local treatment plant and the pumping capacity of the lift station was increased from approximately 1,200 gallons per minute to 2,400 gallons per minute. Lift Station No. 7 formerly pumped through an old 14-inch diameter force main that was common to several other lift stations. During wet weather these lift stations and Lift Station No. 7 pumped against one another and reduced flows that each lift station could pump. A new 16-inch diameter discharge force main was constructed for dedicated use by Lift Station No. 7, and the pumping capacity of Lift Station No.7 was increased from approximately 1,300 gallons per minute to 3,000 gallons per minute.</p> <p>Linfield, Hunter & Junius, Inc. provided complete engineering services including topographic surveys, design, bid phase, and construction phase services including resident inspection for work at both lift stations.</p> <p><u>Key Features Related to this Solicitation:</u> Sanitary Sewerage (Force Mains); Sewage Lift Stations; Topographic Surveying</p> <p><u>Key Personnel Participation:</u> Robert E. Nockton, P.E.; Luis F. Sosa, P.E.; Nathan J. Junius, P.E., P.L.S.; Nicholas P. Talbot</p> | | | | | | | |
| <p>Completion Date (Actual or estimated):</p> | <p style="text-align: center;">Estimated Cost:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr style="background-color: #0070C0; color: white;"> <th style="width: 35%; padding: 5px;">Entire Project:</th> <th style="width: 65%; padding: 5px;">Work for which Firm was Responsible:</th> </tr> <tr> <td style="text-align: center; padding: 5px;">2014 A</td> <td style="text-align: center; padding: 5px;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 35%; text-align: center; padding: 5px;">\$3,400,000</td> <td style="width: 65%; text-align: center; padding: 5px;">\$3,400,000</td> </tr> </table> </td> </tr> </table> | | Entire Project: | Work for which Firm was Responsible: | 2014 A | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 35%; text-align: center; padding: 5px;">\$3,400,000</td> <td style="width: 65%; text-align: center; padding: 5px;">\$3,400,000</td> </tr> </table> | \$3,400,000 | \$3,400,000 |
| Entire Project: | Work for which Firm was Responsible: | | | | | | | |
| 2014 A | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 35%; text-align: center; padding: 5px;">\$3,400,000</td> <td style="width: 65%; text-align: center; padding: 5px;">\$3,400,000</td> </tr> </table> | \$3,400,000 | \$3,400,000 | | | | | |
| \$3,400,000 | \$3,400,000 | | | | | | | |


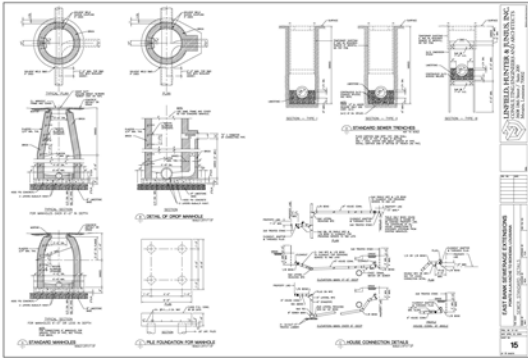
TEC Professional Services Questionnaire

| PROJECT NO. 7 | | |
|--|--|--------------------------------------|
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
| <p>Plaquemines Parish Water & Sewerage Planning Plaquemines Parish, LA</p> <p>Plaquemines Parish Government Department of Public Service 8056 Highway 23 Belle Chasse, LA 70037 Ken Dugas (504) 934-6115</p> <div style="text-align: center; margin-top: 20px;">  </div> | <p>Portions of Plaquemines Parish are experiencing a rapid rate of growth at a time in which the Parish's existing sewerage and water systems are running at capacity, are aging, and during which public sewerage and water systems are being upgraded to provide improved water quality as required by more comprehensive and stricter sewerage and water regulations. LH&J was retained to provide Parish Wide Water and Sewerage Planning to address these needs.</p> <p>LH&J provided complete engineering services for growth projection, flow projections, assessment of existing systems, analysis of alternative improvements to provide for growth, setting of construction budgets and recommended improvements and projection of capital requirements for system expansion and rehabilitation over the next 20 years parish wide.</p> <p>Numerous sewerage improvements identified and recommended in the Planning study were subsequently funded for design and construction. These include the Expansion and Rehabilitation of the Belle Chasse Wastewater Treatment Plant, Re-Routing of Belle Chasse force mains, Increasing Pumping Capacity of Lift Station Nos. 4 and 7 and the Sanitary Sewerage Extension along Louisiana Highway 23 from the Belle Chasse Wastewater Treatment Plant to La Reussite</p> <p><u>Key Features Related to this Solicitation:</u> Sanitary Sewerage (Gravity Collection and Force Mains); Sewage Lift Stations; Wastewater Treatment</p> <p><u>Key Personnel Participation:</u> Robert E. Nockton, P.E.; Luis F. Sosa, P.E.; Mark K. Annino, E.I.</p> | |
| Completion Date (Actual or estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| 2002 A | \$175,000 (fee) | \$175,000 (fee) |



TEC Professional Services Questionnaire

| PROJECT NO. 8 | | |
|---|---|---|
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
| <p>Sewer Force Mains Belle Chasse Sewerage System Plaquemines Parish, LA</p> <p>Plaquemines Parish Government Department of Public Service 8056 Highway 23, Suite 309 Belle Chasse, LA 70037 Ken Dugas (504) 934-6115</p> | <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>The Belle Chasse Sewerage System was constructed over 50 years ago and consists of a series of gravity collection lines, sewage lift stations and force mains which collect and convey domestic wastewater to the local wastewater treatment plant. Over the years, the system has been expanded and modified to meet the demands of population growth in Belle Chasse. Historically, several larger lift stations in the Belle Chasse area have overflowed during wet weather events when the total pumping capacity of the contributory lift stations has exceeded the pumping capacity of the receiving lift stations. This problem was compounded because the main lift stations "piggybacked", that is, discharged directly into the next station downstream. As part of the long-term program to reduce these overflows, force mains are being re-routed so that main lift stations no longer "piggyback" and lift stations are being calibrated so that lift stations can pump into common force mains during wet weather events with main lift stations pumping directly to the local wastewater treatment plant.</p> <p>To date, approximately 27,000 linear feet of 16-inch and 24-inch diameter force main have been constructed. Main lift station capacities have been increased to provide for wet weather requirements and for future growth, and pumps at other smaller lift are being replaced to suit future hydraulic requirements.</p> <p>A hydraulic analysis of the entire Belle Chasse pumped system was recently performed to assess the system response to current operating conditions and to assess the system response to the above system improvements to identify lift station modifications required to suit future system hydraulics.</p> <p>Linfield, Hunter & Junius, Inc. has provided complete engineering services including topographic surveys, design, bid phase, and construction phase services including resident inspection.</p> <p><u>Key Features Related to this Solicitation:</u></p> <p>Sanitary Sewerage (Gravity Collection and Force Mains); Sewage Lift Stations</p> <p><u>Key Personnel Participation:</u></p> <p>Robert E. Nockton, P.E.; Luis F. Sosa, P.E.; Nathan J. Junius, P.E., P.L.S.</p> </div> <div style="width: 35%; text-align: center;">  </div> </div> | |
|  | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| Ongoing Since 2000 | \$6,000,000 | \$6,000,000 |

TEC Professional Services Questionnaire

| PROJECT NO. 9 | | |
|---|---|--------------------------------------|
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
| <p>Sewer Improvements - East Bank Pointe-a-la-Hache to Bohemia Plaquemines Parish, LA</p> <p>Plaquemines Parish Government Department of Public Service 8056 Highway 23 Belle Chasse, LA 70037 Ken Dugas (504) 934-6115</p> <div style="text-align: center; margin-top: 20px;">  </div> | <div style="display: flex;"> <div style="flex: 1;"> <p>This project consisted of the installation of a combination gravity/low pressure sewerage system in Plaquemines Parish on the East Bank of the Mississippi River from Pointe-A-La-Hache to Bohemia. This area was not previously serviced by public sewerage. Residents were serviced by septic tanks and individual sewage package treatment plants before construction of the project. The scope of this project included the connection of residences to the proposed sewerage system. This project was funded in part by the LCDBG Program.</p> <p>The project included installation of 8,000 linear feet of gravity sewer, 10,000 linear feet of sewer forcemain, 14,000 linear feet of sewer house connection piping, 40 manholes, 3 sewage lift stations, 20 individual grinder pump stations and connection of house connection piping to 130 existing houses or structures.</p> <p>LH&J provided all engineering services required for the project, including preparation of a topographic and utility survey, preparation of plans and specifications, bid phase services, and construction phase services including resident inspection. Additional services provided by LH&J included the preparation the LCDBG Application for the project, preparation of a Coastal Use Permit Application, and assisting the Plaquemines Parish Government in conducting public meetings, obtaining permits and acquiring rights-of-way required for construction.</p> <p><u>Key Features Related to this Solicitation:</u></p> <p>Sanitary Sewerage Design (Gravity Collection and Force Mains); Sewage Lift Station Design; Topographic Surveying</p> <p><u>Key Personnel Participation:</u></p> <p>Robert E. Nockton, P.E.; Luis F. Sosa, P.E.</p> </div> <div style="flex: 1; text-align: center;">  </div> </div> | |
| Completion Date (Actual or estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| 2004 A | \$1,073,000 | \$1,073,000 |

TEC Professional Services Questionnaire

| PROJECT NO. 10 | | | | | | | | |
|---|---|--------------|-----------------|--------------------------------------|--------|--|--------------|--------------|
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | | | | | | | |
| <p>Kenner Wastewater Treatment Plant No. 3 Kenner, LA</p> <p>City of Kenner Department of Public Works 1610 Reverend Richard Wilson Drive Kenner, Louisiana 70062 Tom Schreiner (504) 468-7515</p> <div style="text-align: center; margin-top: 20px;">  </div> | <div style="display: flex;"> <div style="flex: 1;"> <p>Kenner Wastewater Treatment Plant No. 3 (WWTP 3) is the only wastewater treatment plant servicing the City of Kenner. The WWTP 3 serves a population of approximately 67,500. WWTP 3 is located directly north of I-10 West just east of the Jefferson Parish/ St. Charles Parish Parish Line. The City of Kenner is presently upgrading its sewage collection system, which includes increasing the pumping capacity of several major lift stations that pump directly to the WWTP 3.</p> <p>To accommodate the increased pumping capacity of these major lift stations and to reduce the occurrence of overflows during wet weather events, the City of Kenner chose to increase the hydraulic capacity of the WWTP 3 from 42 MGD to 62 MGD by constructing a new headworks with mechanical bar screening and grit removal capabilities that will collect all of the plant influent, two new 85-foot diameter final clarifiers and a new effluent pump station. LH&J was responsible for the design of the new headworks and clarifiers.</p> <p>The WWTP 3 is a complex plant consisting of unit processes that were constructed over the past 50 years. Integration of the proposed improvements introduces a number of operational challenges. Prior to design of the proposed improvements, LH&J performed a detailed assessment of the WWTP 3 and of the planned improvements to evaluate the treatment and hydraulic performance of the plant both before and after the proposed improvements are made. The assessment was also used to evaluate plant operability to assist the plant operators to enhance their operation of the plant over the range of flow conditions.</p> <p>Construction of this project was recently completed.</p> <p><u>Key Features Related to this Solicitation:</u> Wastewater Treatment</p> <p><u>Key Personnel Participation:</u> Robert E. Nockton, P.E.; Luis F. Sosa, P.E.; Nathan J. Junius, P.E., P.L.S.</p> </div> <div style="flex: 1; text-align: center;">  </div> </div> | | | | | | | |
| <p>Completion Date (Actual or estimated):</p> | <p style="text-align: center;">Estimated Cost:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #00a0e3; color: white;"> <th style="width: 35%; padding: 5px;">Entire Project:</th> <th style="width: 65%; padding: 5px;">Work for which Firm was Responsible:</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; padding: 10px;">2017 A</td> <td style="text-align: center; padding: 10px;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center; padding: 10px;">\$15,500,000</td> <td style="width: 50%; text-align: center; padding: 10px;">\$15,500,000</td> </tr> </table> </td> </tr> </tbody> </table> | | Entire Project: | Work for which Firm was Responsible: | 2017 A | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center; padding: 10px;">\$15,500,000</td> <td style="width: 50%; text-align: center; padding: 10px;">\$15,500,000</td> </tr> </table> | \$15,500,000 | \$15,500,000 |
| Entire Project: | Work for which Firm was Responsible: | | | | | | | |
| 2017 A | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center; padding: 10px;">\$15,500,000</td> <td style="width: 50%; text-align: center; padding: 10px;">\$15,500,000</td> </tr> </table> | \$15,500,000 | \$15,500,000 | | | | | |
| \$15,500,000 | \$15,500,000 | | | | | | | |

TEC Professional Services Questionnaire

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

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

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

INTRODUCTION

Linfield, Hunter & Junius, Inc. (LH&J) is pleased to submit its proposal for the **Jefferson Parish Routine Engineering Services for Sewer Projects**. LH&J and previous firms have been providing quality engineering and architectural services for over 55 years and to Jefferson Parish since 1993. As the design engineering consultant for a number of previous sewer 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 this very important project. Our past experience in Jefferson Parish gives us the knowledge and understanding of the needs for this project, in particular sewer design. 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 engineering, sewer engineering and land surveying.

Should an individual project require specialty subconsultants such as mechanical, electrical, geotechnical, traffic, or land surveying, 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. With all of the work being performed at the offices of LH&J and our subconsultants locally, and with our past experience working together on similar projects, we believe that there will be seamless coordination and interaction between team members. Furthermore, LH&J's in-house land surveyors will be prioritized to this project to ensure that field survey data is

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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 (31 years)*
- ✓ *The Port of New Orleans since 1971 (51 years)*
- ✓ *U.S. Army Corps of Engineers since 1973 (49 years)*
- ✓ *Plaquemines Parish Government since 1973 (49 years)*
- ✓ *City of New Orleans since 1974 (51 years)*
- ✓ *U.S. Navy, Southern Division since 1975 (47 years)*
- ✓ *Sewerage & Water Board of New Orleans since 1979 (43 years)*

A. EVALUATION CRITERIA

A.1 Professional Training and Experience

Our Team is well qualified to provide the services required for this project. We anticipate that the following services will be required and we have the complete team and will add to the Team as directed by the Parish to provide all these services.

- ✓ Sewerage and Civil Engineering
- ✓ Land Surveying
- ✓ Traffic Engineering

Sewerage and Civil Engineering (Linfield, Hunter & Junius, Inc.)

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

- ✓ Professional staff with well over 150 cumulative years of experience in sewerage projects (see Items K and L).
- ✓ Firm background of over 40 years of sewerage experience.
- ✓ A proven track record of completed sewerage projects from feasibility studies following through to completed construction.
- ✓ Recent completion of successful sewerage projects which are similar to the scope of work of your current project.
- ✓ 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 discipline of sewerage engineering. The following list highlights this experience:

Robert E. Nockton, P.E./Project Manager – 27 years of sewerage design experience
Luis F. Sosa, P.E./Civil Engineer – Over 40 years of sewerage design experience
Mark K. Annino/, E.I. – 27 years of sewerage design experience

Land Surveying (Linfield, Hunter & Junius, Inc.)

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

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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
- 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

Private

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

20 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 project descriptions in Item K demonstrates that the firm has the professional training and experience to provide complete land surveying services.

Traffic Engineering (Linfield, Hunter & Junius, Inc.)

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

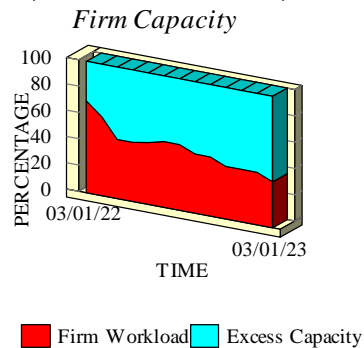
The traffic engineering team of **Linfield, Hunter & Junius, Inc. (LH&J)** has provided traffic engineering services for numerous projects including CVS/Pharmacy site developments to new signalization and traffic control plans.

A.2 Capacity for Timely Completion of Newly Assigned Work

Linfield, Hunter & Junius, Inc. (LH&J) has been in business as a provider of quality engineering services in Southeast Louisiana for over 50 years. After Hurricane Katrina, the firm reestablished operations within 2 days. We were probably the first engineering firm to re-establish operations in Metairie. Since Katrina we have increased our staffing levels including engineers. Within the past 5 years the firm has designed, overseen, and managed over \$1.5 Billion in construction. Many of these projects have been completed or are near completion including the design of the \$160 Million Sewerage and Water Board Pumping Station Storm Proofing Project. Therefore, we have a large engineering team available to jump on this project. This project can be easily absorbed by the firm, as we will have substantial reserve capacity to meet any reasonable project schedule.

Our current and projected firm capacity shown below indicates a 40% capacity shortfall by April 2022. The 15% capacity anticipated for sewer projects would be very welcome and needed to maintain our current staff levels.

Linfield, Hunter & Junius, Inc.



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 begun 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

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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. Construction is complete.

- **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 of improvements were designed within one year. Gates and temporary drainage pumps were in place and operational in time for the 2006 hurricane season less than one year after Hurricane Katrina. The Corps of Engineers issued a **Certificate of Appreciation to the firm for Outstanding Service** in providing engineering support in Southeast Louisiana subsequent to Hurricane Katrina. **The firm received a National Honor Award in 2009** from the American Council of Engineering Companies for design of the 17th St. Canal Interim Closure Structure.

A.3 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.4 Status of Current Litigation with Jefferson Parish

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

A.5 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 a staff of engineers with significant experience providing the professional 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** in providing the services required for this project. Our team has a proven track record of completed major projects from feasibility studies following through to completed construction, and has recently completed a number of successful major sewer projects which are similar to the scope of work of your current

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project and in the same geographical area.

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. have 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.

A.6 Size of Firm

Linfield, Hunter & Junius, Inc. employs thirty-seven (37) 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 projects of the size of the proposed project 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.7 Past Performance by Person or Firm on Parish Contracts

The firm received its first Jefferson Parish contract in 1991, and to date has received the following engineering projects:

- ✓ N. Hullen and Veterans / Edenborn and Veterans Force Main Extension with Lift Station Improvements – COMPLETED
- ✓ Canal Street Improvements – COMPLETED
- ✓ Widening and Deepening of the 17th Street Canal – COMPLETED
- ✓ FEMA Submerged Road Program District 5 Asphalt – COMPLETED
- ✓ Cuddihy Drive and Woodvine Avenue Drainage Improvements - COMPLETED
- ✓ Livingston Place East and West Drainage Improvements - COMPLETED
- ✓ Russell Street Drainage Improvements - COMPLETED
- ✓ Geisenheimer Canal Improvements - COMPLETED
- ✓ Dakin St. Pump Station - COMPLETED
- ✓ Geisenheimer Basin Drainage Study - COMPLETED
- ✓ Hoey's Bypass Canal – Phase I - COMPLETED
- ✓ Hoey's Bypass Canal – Phase II - COMPLETED
- ✓ Hoey's Canal Drainage Improvements (Phase II and III) – Phase III-a - COMPLETED
- ✓ Hoey's Canal Drainage Improvements (Phase II and III) – Phase III-b - COMPLETED
- ✓ Hoey's Canal Drainage Improvements (Phase II and III) – Phase III-c – IN DESIGN
- ✓ Hoey's Basin PAC - COMPLETED
- ✓ Labarre Business Park Drainage Improvements – COMPLETED
- ✓ Woodlawn Drainage Improvements - COMPLETED
- ✓ Dakin Street Corridor – Phase I - COMPLETED
- ✓ Dakin Street Corridor – Phases II and III – IN DESIGN
- ✓ Traffic Engineering – ON AS-NEEDED BASIS

See Item L for additional details regarding work for Jefferson Parish for selected projects.

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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.

Major continuing repeat public clients include:

- ✓ Jefferson Parish since 1991 (31 years)
- ✓ The Port of New Orleans since 1971 (51 years)
- ✓ U.S. Army Corps of Engineers since 1973 (49 years)
- ✓ Plaquemines Parish Government since 1973 (49 years)
- ✓ City of New Orleans since 1974 (48 years)
- ✓ U.S. Navy, Southern Division since 1975 (47 years)
- ✓ Sewerage & Water Board of New Orleans since 1979 (43 years)
- ✓ Tangipahoa Parish since 2006 (16 years)

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.

B. MINIMUM QUALIFICATIONS 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. has over 20 years of design experience in Civil Engineering projects including major sewerage design, 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. has over 10 years of design experience in Civil Engineering projects including sewerage design, drainage design, culvert design, roadway design, traffic design and project management.

Robert E. Nockton, P.E. has over 25 years of design experience in Civil Engineering projects including sewerage design (gravity collection and pumped systems), wastewater treatment, waterline design, major drainage and culvert design, 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 150 years combined experience in sewerage design and roadway design. LH&J will make available as many as five (5) professional engineers for this project.

Nathan J. Junius, P.E., P.L.S. is a Professional Land Surveyor registered in Louisiana with more than seventeen (20) years of experience in conducting topographic surveys. William J. Muller, P.L.S. is a Professional Land Surveyor registered in Louisiana with more than thirty (30) years of experience in conducting topographic surveys.

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Closing Statement

We are extremely interested in this solicitation.

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

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

Please give us your serious consideration.



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

Signature: _____

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

Title: President

Date: March 25, 2022

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, LA 70002

License/Certificate Information w/ Supervision

| License | Status | First Issuance Date | Expiration Date | Supervisor(s) |
|------------|--------|---------------------|-----------------|--|
| EF.0000510 | ACTIVE | 05/23/1979 | 03/31/2023 | Mr. Nathan John Junius # PE.0031843 - Active |

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, LA 70002

License/Certificate Information w/ Supervision

| License | Status | First Issuance Date | Expiration Date | Supervisor(s) |
|------------|--------|---------------------|-----------------|---|
| VF.0000532 | ACTIVE | 06/15/2004 | 09/30/2022 | Mr. Nathan John Junius # PLS.0004958 - Active |

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9643 Brookline Avenue | Suite 121 | Baton Rouge, LA 70809-1433
225-925-6291 | Fax 225-925-6292