

PARISH OF JEFFERSON

STATEMENT OF QUALIFICATIONS

FOR

ROUTINE ENGINEERING SERVICES FOR WATER PROJECTS

*RESOLUTION No. 138809
SOQ 22-013*

SUBMITTED BY:



**EVANS-GRAVES
ENGINEERS, INC.**

909 POYDRAS STREET, SUITE 3050
NEW ORLEANS, LOUISIANA 70112

March 31, 2022



EVANS-GRAVES ENGINEERS, INC.

Engineering Consultants
Est. 1954

John A. Graves, P.E., P.L.S. (1941-2021)
Ashlyn A. Graves
Gerald G. Menard, P.E.
L.R. "Eric" Erikson, P.E.
P. Stephen Lundgren, Jr., P.E.
Jack Carr Morgan, P.E., P.L.S.
Max O. Usrey, III, P.E., P.L.S.
Keith M. Meyer, P.E.

Lisa A. Blanchard, P.E.
Brett D. Blanchard, P.E., L.S.I.
Stephen E. Wilson, Jr., P.E.
Robert H. Brooks, III, P.L.S.
Kevin D. Norman, P.L.A.
Logan P. Betzer, E.I.
Alexander J. Young, E.I.
Zachary P. Hebert, E.I.

March 31, 2022

Jefferson Parish Council
c/o Ms. Eula A. Lopez, Parish Clerk
General Government Building
200 Derbigny St., Suite 6700
Gretna, LA 70053

Re: Letter of Interest
Routine Engineering Services for Water Projects
Resolution No. 138809

Dear Ms. Lopez:

Evans-Graves Engineers, Inc. (EG) is pleased to submit our Statement of Qualifications in response to Jefferson Parish's solicitation requesting professional engineering services for **Routine Engineering Services for Water Projects** (Resolution No. 138809).

Within this submittal of qualifications, EG demonstrates that we have the required personnel, experience, Jefferson Parish knowledge, and presence to deliver a quality project. Evans-Graves Engineers, Inc. will comply with the terms specified in the RFQ and is qualified to complete all tasks associated with this type of work.

Evans-Graves will staff this project with many of the same personnel that successfully completed the projects listed in our Statement of Qualifications, Section L. Mr. P. Stephen Lundgren, Jr., P.E. will be the Senior Project Manager. Mr. Lundgren is Chief Engineer of our New Orleans office and is an experienced Project Manager on projects similar to this.

Evans-Graves hereby commits its total resources and 68 years of experience to provide you with a successful project. Evans-Graves appreciates the opportunity to respond to Jefferson Parish and we look forward to working with you on this important work for the Parish.

Sincerely,
EVANS-GRAVES ENGINEERS, INC.

Ashlyn A. Graves
President

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Routine Engineering Services for Water Projects
Resolution #138809

B. Firm Name & Address

Evans-Graves Engineers, Inc.
909 Poydras Street, Suite 3050
New Orleans, LA 70112

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:

Gerald G. Menard, P.E.
Principal
9029 Jefferson Highway, Suite 200
Baton Rouge, LA 70809
(225) 926-1620
gmenard@evans-graves.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.

P. Stephen Lundgren, Jr., P.E.
Chief Engineer
909 Poydras Street, Suite 3050
(504) 836-8190
slundgren@evans-graves.com

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

<u>4</u> Administrative	<u> </u> Estimators	<u> </u> Specification Writers
<u> </u> Architects (Licensed)	<u> </u> Geologists	<u>1</u> Structural Engineers
<u> </u> Chemical Engineers	<u> </u> Geotechnical Engineers	<u> </u> Graduate Engineers
<u>7</u> Civil Engineers	<u> </u> Interior Designers	<u>2</u> Project Managers
<u> </u> Construction Inspectors	<u>1</u> Landscape Architects	<u>4</u> Clerical
<u> </u> Ecologists	<u>6</u> Land Surveyor	<u>1</u> Grant/Funding Specialist
<u> </u> Electrical Engineers	<u> </u> Mechanical Engineers	<u> </u> Sanitary Engineers
<u>3</u> Engineer Intern	<u> </u> Environmental Engineers	
<u>1</u> Professional Land Surveyors		<u>30</u> TOTAL

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

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

TEC Professional Services Questionnaire

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

1.

2.

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

YES ☐ NO ☐

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

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. Should subcontractors be necessary, Evans-Graves will consult with the Administration regarding the selection of such.	N/A	N/A
2.		
3.		

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

5 _____

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:

Please see attached resumes for Professional in Charge as well as Key Personnel.

Project Assignment:

Name of Firm with which associated:


Years' experience with this Firm:

Education: Degree(s)/Year/Specialization:


Active registration: Year first registered/discipline:

Other experience and qualifications relevant to the proposed Project:


TEC Professional Services Questionnaire

PROFESSIONAL IN CHARGE OF PROJECT:
Name & Title: P. Stephen Lundgren, Jr., P.E. Deputy Chief Engineer
Project Assignment: Sr. Project Manager
Name of Firm with which associated:  EVANS-GRAVES ENGINEERS, INC.
Years' experience with this Firm: 17
Education: Degree(s)/Year/Specialization Master of Science / 1993 / Civil Engineering Bachelor of Science / 1992 / Civil Engineering
Active registration: Year first registered/discipline: 1999 / P.E. / Civil Engineer LA License No. 28222
Other experience and qualifications relevant to the proposed Project: <p>Mr. Lundgren is a civil engineer with a focus on site development, drainage design, roadway design, utilities, and hydrologic and hydraulic design. He has over 30 years of experience working closely with government agencies, having developed engineering reports, Master Plans, and construction plans and specifications for various site improvement projects, including waterline and utility projects, pump stations, detention ponds, canal/culvert improvements, and basin-wide hydrologic and hydraulic modeling, analysis, and design.</p> <p><u>Sewerage & Water Board of New Orleans, Water Line Replacement Program for the Lower Garden District, Garden District, and St. Thomas Development Neighborhoods, New Orleans, LA</u> – Project Manager and prime consultant for Sewerage & Water Board project involving surveying, engineering design services, and coordination with the City of New Orleans and the Department of Public Works to replace water lines, hydrants, valves, and fittings in the Lower Garden District, Garden District, and St. Thomas Development neighborhoods.</p> <p><u>Hurricane Related Repairs to the Fort Jackson Reservoir Pump Stations, Plaquemines Parish, LA</u> – As Project Manager, Mr. Lundgren oversaw the repairs to two separate pump stations used for taking raw water from the Mississippi River, transporting the water into a holding reservoir, and pumping the water to a water treatment plant. Work included design of civil/site improvements, architectural design, structural engineering of pump platforms and elevated walkways, and mechanical and electrical engineering of the replacement pumps and motors. Plans were developed through extensive coordination with FEMA, Plaquemines Parish, and the facility users and operators. Work also included assistance in permitting, bidding and advertising, and construction administration.</p> <p><u>Read Blvd. Neighborhood East, New Orleans, LA</u> – Mr. Lundgren is the project manager and chief design engineer for the project which involves removal and reconstruction of heavily-damaged areas or repairs, adjustments, and modifications to lightly- damaged areas in the Read Blvd. East neighborhood, which consists of nearly 90 residential streets. The project includes a total of nearly 7 miles of new or rebuilt roadway (concrete, asphalt, and composite) and curbs, including adjustments to surface drainage facilities and utility structures as required, new subsurface water and sewer mains and service lines, rebuilt sidewalks and driveways, and curb ramps for the handicapped at all intersections including medians. Work involved in this project includes coordinating surveys, coordinating with the various City departments, the SWBNO, FEMA, and other interested parties to ensure compliance with their requirements as much as possible, preparing a design report, preparing bid documents including plan drawings, technical specifications, and bid forms, preparing a construction cost estimate, and providing construction administration and resident inspection services. The estimated construction cost of the project is \$12,000,000.</p>


TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title: Jack Carr Morgan, P.E. Deputy Chief Engineer
Project Assignment: Deputy Project Manager
Name of Firm with which associated:  EVANS-GRAVES ENGINEERS, INC.
Years' experience with this Firm: 21
Education: Degree(s)/Year/Specialization BS / 1977 / Civil Engineering
Active Registration: Year first registered/discipline: 1984 / P.E. / Civil Engineer LA License No. 28625
Other experience and qualifications relevant to the proposed Project: <p><u>St. Bernard Parish Water Treatment Plant – St. Bernard Parish, LA</u> – Coordinated early conceptual design with the Parish. Mr. Morgan designed the plant site work, paving, drainage, geometric control, and yard piping. He designed the new Raw Water Meter Vault. He developed the Sequence of Construction for the new plant and the new storage tank. He designed the pile foundations for the new plant structures and wrote the civil portions of the Technical Specifications. Work included changes in structure relocations and associated utilities and roadway changes.</p> <p><u>St. Bernard Water Tank – St. Bernard Parish, LA</u> – Designed new 10MG water tank for Parish water distribution system. Conducted site survey, developed site work, worked with tank suppliers on placement and structural design, integrated feeder and discharge piping and valving arrangements.</p> <p><u>St. Bernard Parish Fire Hydrant Replacement – St. Bernard Parish, LA</u> – Mr. Morgan served as project engineer on this work to replace or repair approximately 2,530 fire hydrants throughout the Parish damaged by Hurricane Katrina, and all associated gate valve, thrust restraints, pumper nozzle, and roadway restorations associated with the hydrant replacements. Funded by FEMA and administered by the St. Bernard Parish Government, Mr. Morgan was responsible for developing Plans and Specifications for the replacement of all dry and wet fire hydrants throughout the Parish.</p> <p><u>Louis Armstrong New Orleans International Airport, Fire Line Replacement – Kenner, LA</u> – Designed replacement system for primary Airport fire protection supply system, including new fire hydrant and sprinkler connections and new piping layout and valving.</p> <p><u>Manhattan Blvd. Water Line – Jefferson Parish, LA</u> – Designed new primary trunk line on newly developed portion of major highway.</p> <p><u>Jefferson County Alabama Trunk Line – Jefferson County, AL</u> – Designed three miles of primary feeder line to newly developed area in suburban Birmingham, including new routing, creek crossings, right-of-way definition, and system interconnections.</p> <p><u>Park Cities Texas Trunk Line – Park Cities, TX</u> – Designed primary feeder line from water treatment plant to new elevated storage tank, including routing, valving, and telemetry.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title: Keith M. Meyer, P.E. Civil Engineer
Project Assignment: Civil / Structural Engineer
Name of Firm with which associated:  EVANS-GRAVES ENGINEERS, INC.
Years' experience with this Firm: 17
Education: Degree(s)/Year/Specialization B.S. / 1985 / Civil Engineering
Active registration: Year first registered/discipline: 1992 / P.E. / Civil Engineer LA License No. 24638
Other experience and qualifications relevant to the proposed Project: <p><u>St. Bernard Parish Fire Hydrant Replacement, St. Bernard, LA</u> – Project manager and engineer of record for the replacement and/or repair of approximately 2,500 fire hydrants throughout the Parish damaged or destroyed by Hurricane Katrina, and all associated gate valve, thrust restraints, pumper nozzle and roadway restoration associated with the hydrant replacements. Funded by the Federal Emergency Management Administration (FEMA) and administered by the St. Bernard Parish Government, Evans-Graves was responsible for developing Plans and Specifications for the replacement of all dry and wet fire hydrants throughout the Parish.</p> <p><u>Sewerage & Water Board of New Orleans Water Line Replacement Program – New Orleans, LA</u> – Structural Engineer for Sewerage & Water Board project involving surveying, engineering design services, and coordination with the City of New Orleans and the Department of Public Works to replace water lines, hydrants, valves, and fittings in the Lower Garden District, Garden District, and St. Thomas Development neighborhoods.</p> <p><u>D'Iberville Master Water Plan – D'Iberville, MS</u> - Project manager responsible for development of the overall master plan, including funding alternatives for a centralized potable water system consisting of watermains, fire hydrant valves, and elevated water tower, and water wells. The construction cost of the project, sponsored by the D'Iberville Water and Sewer District, was estimated at \$2.47 million.</p> <p><u>Repair St. Bernard Parish Stormwater Pump Stations, St. Bernard, LA</u> - Project Manager and engineer of record for the repair of 3 storm water drainage pump stations and the design and replacement of 5 drainage pump stations damaged and/or destroyed by Hurricane Katrina all in accordance with FEMA guidelines and revised FEMA Project Worksheets. Funded by the Federal Emergency Management Administration (FEMA) and administered by the St. Bernard Parish Government, Mr. Meyer developed Plans and Specifications and performed construction administration services for the repair and/or replacement of the 8 storm water drainage pump stations. Total project cost - \$3.21 million.</p> <p><u>Audubon Park Paving and Drainage, New Orleans, LA</u> – Project Manager for the design of pavement and parking facilities and drainage structures for the Audubon Park Institute project. Construction cost was \$250,000.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title: Lee Z. Walker Environmental Specialist
Project Assignment: Environmental Specialist
Name of Firm with which associated: <div style="display: flex; align-items: center;">  EVANS-GRAVES ENGINEERS, INC. </div>
Years' experience with this Firm: 16
Education: Degree(s)/Year/Specialization Post-Graduate / 2003 / Riparian Ecology and Conservation MS / 2003 / Environmental Studies BS / 1999 / Ecology, Evolution and Organismal Biology
Active registration: Year first registered/discipline: N/A
Other experience and qualifications relevant to the proposed Project: <u>Pontchartrain Levee District (PLD) Spill Prevention, Control, and Countermeasure Plan and Spill Response Assistance, St. Charles Parish, LA</u> <i>Environmental Specialist</i> As Environmental Specialist, Ms. Walker conducted a site survey and staff interviews in order to develop a SPCC Plan for PLD facilities, including the Cross Bayou Pump Station in St. Charles Parish. The Plan provided PLD staff with an overview of fuel storage at the site, an inventory of the containment, discharge controls, and inspection requirements, countermeasures for discharge discovery, response, clean up, and reporting requirements. Shortly after PLD's adoption of the plan, a diesel spill occurred at the Cross Bayou Pump Station for which PLD staff utilized the plan to begin implementation of appropriate spill countermeasures . Ms. Walker assisted PLD leadership with determining the cause and source of the spill, volume assessment , oversight of clean up and recovery efforts, acquisition of necessary state and Federal permits for cleanup efforts , and development of required Unauthorized Discharge Notification Report for the Louisiana Department of Environmental Quality
<u>Hurricane and Storm Damage Risk Reduction System (HSDRRS), U.S. Army Corps of Engineers, New Orleans, LA</u> <i>Project Manager and Environmental Manager, US Army Corps of Engineers, New Orleans District</i> Ms. Walker was responsible for managing the environmental compliance program for Hurricane and Storm Damage Risk Reduction System (HSDRRS) projects, serving on the Project Delivery Team (PDT) for the levees and floodwalls program in Jefferson, Orleans, and St. Bernard Parishes, Inner Harbor Navigation Canal, Permanent Protection System for the Outfall Canals, and Existing Pump Station Repair and Storm Proofing projects. All of these projects were flood risk reduction projects. As the environmental representative on these PDTs, she was responsible for maintaining open lines of communication with the program execution branch and project management staff to obtain project information, provide technical input on designs to minimize environmental and human impacts, and ensure environmental compliance . She was also responsible for maintaining project schedules and reporting schedule milestones and progress to the project managers and Hurricane Protection Office (HPO) and New Orleans District Commanders, providing technical input as to how environmental compliance and permitting could impact cost, schedule, design, and project execution . She was responsible for preparation of environmental reports such as NEPA documents (as per 40 CFR Part 1500), 404 (b)(1) evaluations, Endangered Species Act coordination letters, Notices of Intent for coverage under NPDES permits , applications for Water Quality Certifications , and Coastal Zone Management Plan consistency determinations . She was responsible for Bidability, Constructability, Operability and Environmental Compliance review of plans and specifications to ensure that the HSDRRS projects maintained their environmental compliance.

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:	
Manhattan Boulevard Waterline Jefferson Parish, LA Jefferson Parish Drainage Department 1221 Elmwood Park Blvd. Suite 802 Harahan, LA 70123 Mr. Mark Drewes (504) 736-6500	Evans-Graves, as the prime, performed professional engineering services for the design of 1,500 linear feet of 12" waterline along Manhattan Boulevard and 100 linear feet of directional-drilled 12" waterline across Manhattan Boulevard on the West Bank of Jefferson Parish. The project connected existing waterlines on either end of the new line, fire hydrans, and building sprinkler connections to extend and provide service to a new mixed-use development.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2006 (A)	\$200 (thousands) (Construction)	\$21.5 (in thousands) (EG Fee)

PROJECT NO. 2		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Waterline Replacement - Lower Garden District, Garden District, and St. Thomas Development Neighborhoods Orleans Parish, LA N.O. Sewerage & Water Board 8800 S. Claiborne Avenue New Orleans, LA 70118 Ms. Susan Diehl (504) 930-7209	Evans-Graves is the prime consultant and is providing professional engineering services for the design of waterline replacements in the historic Lower Garden District, Garden District, and St. Thomas Development neighborhoods of New Orleans. EG has performed field topographic and utility surveys and will be preparing plans and specifications for construction. Much of the work takes place under active streets with associated pavement replacement and drainage/utility offsets or replacements, as required. EG will also be performing bidding and construction administration services for the project.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Ongoing	\$900 (in thousands) (Construction)	\$125 (in thousands) (EG Fee)

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
<p>Hurricane-Related Repairs to the Fort Jackson Raw Water and Reservoir Pump Stations</p> <p>Plaquemines Parish, LA</p> <p>Plaquemines Parish Govt., DPW 333 F Edward Hebert Blvd., Bldg. 100 Belle Chasse, LA, 70037 Mr. Ken Dugas (504) 297-5343</p>	<p>Evans-Graves, as the Prime, performed site assessments, surveying, and preparation of construction plans and specifications for repairs to two (2) separate pump stations used for taking raw water from the Mississippi River, transporting the water into a holding reservoir, and pumping the water to the Parish Water Treatment Plan. EG designed site improvements, performed structural engineering of pump platforms and elevated walkways, and mechanical and electrical engineering of the replacement pumps and motors. Additional work included permitting, bidding, and construction administration services. All work was performed per FEMA Project Worksheets.</p>	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2011 (A)	<p>\$328.2 (in thousands)</p> <p>(Construction)</p>	<p>\$36.4 (in thousands)</p> <p>(EG Fee)</p>

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Fire Hydrants throughout St. Bernard Parish</p> <p>St. Bernard Parish, LA</p> <p>St. Bernard Parish, DPW 1125 E St. Bernard Hwy. Chalmette, LA 70043 Mr. Matthew Falati (504) 278-4300</p>	<p>Evans-Graves, as the prime, inspected all fire hydrants throughout the Parish. Following the inspection, EG developed 42 work order packages as part of the Master Scope of Work for the project for submission to FEMA to substantiate the repair, replacement, and/or painting of approximately 2,530 damaged fire hydrants throughout the Parish. EG performed this work in accordance with revised FEMA Project Worksheet reports and in accordance with FEMA and St. Bernard Parish Water and Sewer Division Standards. EG also prepared contract documents for the furnishing and installation of damaged fire hydrants</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2012	<p>\$5,031 (in thousands)</p> <p>(Construction)</p>	<p>\$574.5 (in thousands)</p> <p>(EG Fee)</p>

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Waterline Extension Survey (Hwy 190 to Northshore Blvd.) City of Slidell, LA City of Slidell 250 Bouscaren St., Suite 302 Slidell, LA 70458 Mr. Blaine Clancy (985) 646-4270	Evans-Graves, as prime, performed topographic surveying of approximately 1,800 linear feet of high-traffic roadway (North Blvd. and Gause Blvd.) in St. Tammany Parish. As part of this work, EG performed records research, establishment of vertical and horizontal control networks, LA ONE CALL coordination, topographic survey, locating of above-ground utility features, locating/recording depths of sewer manholes/drainage, topographic survey of infrastructure elevations, plotting of apparent ROW limits, plotting of servitudes, plans and profiles, and baseline control sketch.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022 (E)	\$22 (in thousands) (EG Fee)	\$22 (in thousands) (EG Fee)

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Waterline Surveys (Read Blvd. East Neighborhood Group B & C) Orleans Parish, LA ECM Consultants, Inc. 4409 Utica Street, Suite 200 Destrehan, LA 70047 Ms. Sunina Shrestha, P.E. (504) 885-4080	Evans-Graves, as a subconsultant, provided plan and profile drawings with utilities for water line design of a total of six (6) separate streets in the Read Blvd. East neighborhood of New Orleans.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2017 (A)	\$41.7 (in thousands) (EG Fee)	\$41.7 (in thousands) (EG Fee)

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Expansion of Existing Parish Water Treatment Plant St. Bernard Parish, LA St. Bernard Parish, DPW 1125 E St. Bernard Hwy Chalmette, LA 70043 Mr. Matthew Falati (504) 278-4300	Prime consultant and lead design engineer for the design of a new ten (10) million-gallon water storage tank in St. Bernard Parish. EG performed early conceptual designs and designed the plant site work, paving, drainage, geometric control, and yard piping. Designed the new raw water meter vault and developed the sequence of construction for the new plant and the new storage tank. Additional work included specifications, structure relocation coordination, and associated utilities and roadway changes.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2005 (A)	\$292 (in thousands) (Construction)	\$30 (in thousands) (EG Fee)

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
SLFPA-E IDIQ for Drainage Engineering Services Jefferson, Orleans, and St. Bernard Parishes, LA SLFPA-E 6920 Franklin Avenue New Orleans, LA 70122 Mr. Chris Humphreys (504) 286-3100	Evans-Graves, as the prime consultant, performed as-needed drainage engineering services under an IDIQ contract with SLFPA-E. Under this contract, Evans-Graves determined the source and cause of underground water seepage occurring between Lake Borgne and drainage pump stations #1 and #6 in St. Bernard Parish. EG performed on-site investigations and an alternatives analysis to evaluate potential ways to stop the seepage from Lake Borgne and presented the identified alternatives to SLFPA-E for consideration.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021 (A)	\$500 (in thousands) (NTE)	\$10 (in thousands) (EG Fee)

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Engineers Canal Pump Station Improvements</p> <p>St. Charles Parish, LA</p> <p>St. Charles Parish Government 100 River Oaks Drive Destrehan, LA 70047 Mr. Miles Bingham (985) 783-5102</p>	<p>Evans-Graves, as the prime, designed capacity improvements to an existing drainage pump station in Norco, LA. Improvements included the additional of one (1) 20,000 gallon per minute (gpm) pump on the existing concrete sump and associated 286 linear feet of 26" diameter at-grade steel pipeline across the Bonnet Carre Spillway lower guide levee on an existing concrete slab. EG produced a hydraulic study and conceptual design report followed by preliminary and final plans and specifications, permitting, bidding, and construction administration services. Work also included completion of a Hydrologic Modification Impact Analysis for pump discharge into the spillway.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020 (A)	<p>\$937.3 (in thousands)</p> <p>(Construction)</p>	<p>\$144.5 (in thousands)</p> <p>(EG Fee)</p>

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>LBBLD Pump Station and Drainage Canal Evaluations</p> <p>St. Bernard Parish, LA</p> <p>SLFPA-E 6920 Franklin Avenue New Orleans, LA 70122 Mr. Chris Humphreys (504) 286-3100</p>	<p>Evans-Graves provided an independent evaluation and analysis of 56 miles of drainage canals and eight (8) drainage pump stations in St. Bernard Parish, LA. Work was expedited through the use of drones to capture over 20,000 georeferenced, high resolution aerial orthophotos of the canals. Images were then compiled into an ESRI ArcGIS database that allowed for the rapid and efficient observation of any single one or all of the canal photographs based on their mapped location. EG summarized the firm's assessment of the drainage canals and pump stations in two separate reports that included cost estimates and recommendations for the correction of identified deficiencies.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019 (A)	<p>\$56 (in thousands)</p> <p>(Consultant Fee)</p>	<p>\$56 (in thousands)</p> <p>(EG Fee)</p>

TEC Professional Services Questionnaire

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

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

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

Please see attached.

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

Signature: Ashlyn Graves Print Name: Ashlyn A. Graves
Title: President Date: March 31, 2022

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

EVANS-GRAVES ENGINEERS, INC.

In accordance with the Parish of Jefferson Request for Qualifications, Evans-Graves Engineers, Inc. (EG) understands that the Parish is seeking firms interested in providing routine engineering services for Water Projects in Jefferson Parish for a two-year period. (Resolution No. 138809)

In response to the Jefferson Parish notification, Evans-Graves Engineers, Inc. hereby offers our statement of qualifications as well as our specific responses to the general selection criteria.

GENERAL

Evans-Graves Engineers, Inc. (EG) was founded in Baton Rouge, Louisiana in 1954. The firm was organized to provide professional engineering services in the fields of Civil and Structural Engineering.

The company has a staff of over 34 people located in the New Orleans and Baton Rouge offices, including ten (10) licensed Professional Engineers, two (2) licensed Professional Land Surveyors, three (3) Engineer Interns, and a corresponding support staff. Today, EG has expanded its services by providing surveying, civil, structural, and traffic engineering, project management, and construction management. Personal service is the organization's keynote. Every project receives the benefit of the firm's experience and engineering knowledge provided by the principals of the firm and the firm's key personnel, all of whom are residents of the New Orleans and Baton Rouge areas.

The projects profiled throughout this TEC Professional Services Questionnaire demonstrate that EG has been involved with a wide variety of civil and structural engineering endeavors throughout its 68 year existence.

A closer look will reveal significant experience on water projects, civil and structural design for hydraulic structures and pump stations, storm water management studies, topographic and right-of-way surveys, sewerage treatment plants, flood walls and earthen retaining walls, residential and commercial developments, major highways, road, and bridge projects, and project management. Evans-Graves has provided these services to both public and private sector clients, including individuals, developers, local municipalities such as Jefferson Parish DPW, City of New Orleans, City/Parish of East Baton Rouge, and City of Slidell, LADOTD, and the U.S. Army Corps of Engineers.

PROJECT TEAM

Evans-Graves Engineers' expertise is primarily in the areas of civil and structural engineering design services and land surveying services. Given the type of work and available manpower, Evans-Graves has the capability to perform engineering and land surveying services for this work entirely

with our in-house staff. Mr. P. Stephen Lundgren, Jr., P.E. will be project manager and point of contact for Evans-Graves Engineers and is located in the firm's New Orleans office, which is within minutes of the Jefferson Parish public works department. Mr. Lundgren has worked on and managed projects for the Parish and is familiar with the design standards and criteria of the Parish. Mr. Lundgren also has experience on projects funded by FEMA as well as grant funded projects (e.g., CDBG).

Evans-Graves Engineers, Inc. (Prime) – design, bidding, construction administration, permitting and surveying.

EG has in-house survey capabilities but has also worked with most of the surveying firms in the area. We could perform surveying services in house or contract with a subconsultant for these services.

SELECTION EVALUATION FACTOR RESPONSES

1. Professional training and experience in relation to the type of work required for the routine engineering services.

Evans-Graves Engineers, Inc. is a locally owned and operated consulting engineering firm with a staff of over thirty-four (34) people in Baton Rouge and New Orleans. Evans-Graves is led by Ms. Ashlyn A. Graves. Ms. Graves has over 25 years of hands-on experience in the management and oversight of the firm's surveying, engineering, and project management personnel and directs an organization comprised of ten (10) Professional Engineers, two (2) licensed Professional Land Surveyors, three (3) Engineer Interns, and a corresponding support staff.

Following is a brief summary of experience of the key personnel to be involved in this project. Complete resumes of these personnel along with other design and support personnel can be found in Section K.

PERSONNEL EXPERIENCE

Mr. Gerald G. Menard, P.E. – Principal-in-Charge
Principal who is a registered professional engineer in the State of Louisiana.

Mr. Menard serves as Principal of the firm and has over 43 years of experience as a licensed engineer in the State of Louisiana. Mr. Menard has managed and overseen some of the most complex and important engineering projects in our firm's history, including the first two Design/Build projects ever completed by LADOTD. He has prepared plans and specifications for numerous LADOTD and Parish projects and is thoroughly familiar with the design criteria of Jefferson Parish, as well as LADOTD and AASHTO guidelines. Mr. Menard has extensive knowledge and expertise of roadway and bridge projects, successful experience in managing large projects, and has in-depth design experience of roadway, bridge, and highway projects.

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Mr. P. Stephen Lundgren, Jr., P.E. – Sr. Project Manager
Professional in Charge of the Project, Professional Engineer registered in Louisiana with a minimum of five (5) years experience in the disciplines involved.

Mr. P. Stephen Lundgren, Jr., P.E. will be the Project Manager for this work, handling the day to day activities. Mr. Lundgren has over 30 years of experience in the design and management of various engineering projects. Mr. Lundgren has prepared studies, design reports, permits, and plans and specifications for numerous water works design projects for various municipalities, including Jefferson and Orleans Parishes and the Sewerage & Water Board of New Orleans, for water distribution systems, hydrants, and valves; including restoration of hurricane-damaged systems, complete replacement of water systems incidental to neighborhood streets and drainage projects, and complete new water systems for new site development projects. Mr. Lundgren's technical background, local experience, and familiarity with the unique characteristics of the Jefferson Parish infrastructure network, geography, geology, and topography have enabled him to successfully manage and design many utility projects from start to finish. **Mr. Lundgren is a lifelong resident of Jefferson Parish. He has been a registered P.E. in the state of LA for the past 23 years and also holds a Masters degree in Civil Engineering from Tulane University. Mr. Lundgren will be the Project Manager on any work from Jefferson Parish and his office is within 15 minutes of Jefferson Parish Department of Public Works.**

Mr. Jack Carr Morgan, P.E., P.L.S. – Deputy Project Manager
Professional Engineer registered in the State of Louisiana in the field of expertise.

Mr. Morgan has over 49 years of experience as a Civil Engineer, Surveyor, and General Contractor. Mr. Morgan's background includes management, design, layout, and construction of projects including water and municipal and industrial wastewater treatment plants, water trunk line and distribution systems, water storage tanks, booster pumps, reservoirs, plant control and telemetry, system modeling, construction and construction surveying. Mr. Morgan is thoroughly familiar with the Parish's standards and design criteria.

Mr. Keith Meyer, P.E. – Project Engineer
Professional Engineer registered in the State of Louisiana in the field of expertise.

Mr. Meyer has over 44 years of experience ranging from civil engineering design to project management and quality control. As a Civil Engineer, Mr. Meyer has extensive experience in the design and improvement of major highways and bridge structures in the Southern U.S., including major infrastructure projects such as roadway rehabilitation, roadway widening, construction of bridge structures and drainage facilities. His work has also involved performing hydraulic analysis;

analysis for new (and existing) water systems, project manager for the repair and replacement of existing fire hydrants throughout a Parish, completing segmental line and grade reports; design and project roadway alignments including vertical and horizontal geometrics. Mr. Meyer has also designed and managed Interstate and State Highways projects for the LA DOTD and completed various civil works projects for the U.S. Army Corps of Engineers, local roads for municipalities, pre and post-land development for private sector clients, and Construction Management. Mr. Meyer's expertise also includes the preparation of feasibility studies, design reports, plans and specifications, and project cost estimating. Mr. Meyer has a degree in Civil Engineering from Tulane University.

2. Capacity for timely completion of newly assigned work

Evans-Graves Engineers has no active projects with Jefferson Parish. Considering our staff of over thirty-four people, which includes ten (10) licensed engineers, EG has more than enough capacity to perform this work in accordance with Jefferson Parish's schedule. The company's overall workload is low with several larger projects having recently been completed.

All of the personnel mentioned in this proposal will be available as needed to work on this project and to complete each task in accordance with the timeframe proposed by Jefferson Parish. All of the work will be managed by Mr. Lundgren and coordinated from our New Orleans Office, which is within 15 minutes of the Jefferson Parish Government building.

Evans-Graves maintains **two (2) full time survey crews** and all the necessary equipment to outfit these crews. These crews have at their disposal the latest in electronic surveying equipment including electronic data collectors and laptop computers for downloading data in real time directly from the field. EG also maintains compatible software to download directly from data collectors into our design computers for translation into working data files.

3. Location of principal office

Evans-Graves will manage and perform all Jefferson Parish work entirely out of our New Orleans office, which is located at:



**909 Poydras Street, Suite 3050
New Orleans, LA 70112**

Our Project Manager, Mr. Stephen Lundgren, Jr., P.E., is located in this office and has worked closely with Jefferson Parish on many projects. Mr. Lundgren is quite familiar with the policies and personnel of the Parish. The company's entire

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history consists of working in the Louisiana area. All of the company's personnel reside in and pay taxes in the State of Louisiana.

4. Adversarial legal proceedings between the Parish and the person or firm performing professional services

Evans-Graves Engineers, Inc. has had no litigation matters with Jefferson Parish or any other public entity. In addition, during our 68 year existence, Evans-Graves has never been judged at fault in any litigation arising out of our work product. At Evans-Graves, we consider our record of integrity and professionalism as our major accomplishments, both past and present.

5. Prior successful completion of projects of the type and nature of routine engineering services, as defined, for which firm has verifiable references.

Evans-Graves has completed roadway, drainage, and sewer projects directly for Jefferson Parish and we feel our performance on this work was timely and professional. All of this work was completed on time and within budget.

EG is proud of the firm's reputation with Jefferson Parish and would welcome the Parish to reach out to the following individuals as references for the quality of EG's work:

Ms. Susan Diehl

Project Manager, SWB Project Delivery Unit
Sewerage & Water Board of New Orleans
(504) 930-7209
sdiehl@swbno.org

Mr. Clayton "Snookie" Fauchaux

Director of Public Works, St. John the Baptist Parish and
Former DPW Director, St. Charles Parish
(985) 652-9569
c.fauchaux@stjohn-la.gov

Mr. Khalid Saleh, Ph.D.

City of New Orleans, DPW
(504) 658-8208
khsaleh@nola.gov

Mayor Tim Kerner, Jr.

Mayor, Town of Jean Lafitte
(504) 689-8808
ncooper@townofjeanlafitte.com

Over the past sixty-eight years, Evans-Graves has designed numerous projects which have received recognition as engineering achievements. Included among them are highway and bridge projects such as I-49 Section 10, I-10 and I-12 widening projects, John James Audubon Bridge (Won Engineering News Record's Top Project of 2012) and Sunshine Bridge Rehabilitation, Fremaux Interchange which won an award from the American Concrete Institute and street

projects such as Read Blvd. and Michoud Blvd. in the City of New Orleans.

While the engineering accomplishments are gratifying, the senior management of this firm would point out other accomplishments as equally gratifying. Evans-Graves Engineers, Inc. over the many years has provided a stable base of employment, and has never had any staff reductions due to lack of work. In the same time period, the company has established and maintained a reputation for integrity, quality work, and professionalism in all areas of business relations.

6. Size of firm

The Evans-Graves Staff currently consists of over 34 people located in offices in New Orleans and Baton Rouge. For the past fifteen years the staff level has remained constant with ten to fifteen professional registered engineers and land surveyors. **We exceed the minimum manpower requirements listed in the RFQ, we have the manpower available to immediately begin work, and our firm size is well suited to complete any tasks assigned by Jefferson Parish. All Evans-Graves personnel are residents and tax payers of the State of Louisiana.**

7. Past performance by person or firm on Parish projects.

This particular category can only be addressed by our clients; however, if timely and successful completion of numerous projects in a responsive and comfortable working relationship is key, then we feel our performance has been more than satisfactory. **Projects completed by EG have experienced few problems during construction. Over the past 68 years, we have developed a solid reputation among our clients and feel that Jefferson Parish has shared that view. We have consistently provided quality work and maintained a professional working relationship with Jefferson Parish.**

All of our projects have been completed to the satisfaction of our clients and no claims or disputes have ever been levied against Evans-Graves by our clients.

The quality of work generated by Evans-Graves can be demonstrated by our ACASS performance evaluations from the USACE, which the firm has received since 1995. These ratings have been 'Excellent' or 'Above Average', and none have been 'Unsatisfactory'. In addition, all of the evaluations recommended Evans-Graves for future contracts. All of EG's ratings from the Louisiana Department of Transportation and Development are well above the state average. **We feel these ratings from both the USACE and LADOTD, supported by the fact that we continue to be selected for work from these agencies, is a true testament to the value of our work and our work ethic.**

SUMMARY

As part of this submittal, Evans-Graves Engineers commits and guarantees the following:

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

- We have sufficient manpower resources for timely accomplishment of our designated tasks for routine engineering services in Jefferson Parish.
- Our staff proposed for this contract has recent experience relevant to this type of work.
- All EG staff proposed in this submittal are current employees of Evans-Graves Engineers.
- Upon award of any work from Jefferson Parish, all listed personnel will be made available for these project assignments, as required.
- Our entire staff is residents and taxpayers of the State of Louisiana.

Evans-Graves Engineers, Inc. has successfully executed a wide range of engineering projects for our clients. Our professional staff has the technical capability and experience to provide Jefferson Parish with a quality product within the allotted time period. The personnel to adequately staff this project are available and the company's resources will be committed to this work.

Evans-Graves Engineers, Inc. welcomes the opportunity to provide Jefferson Parish with our services and would like to thank Jefferson Parish for your consideration of our qualifications.