



**Transmitted via Central Bidding**

August 11, 2023

Jefferson Parish Government

**Via Electronic Submission  
Central Bidding**

RE: Jefferson Parish Government – SOQ 23-022 Provide Professional Surveying Services on an as needed basis for Public Works Projects for the Jefferson Parish Department of Public Works – Engineering for a period of Two (2) Years

Dear Sir or Madam:

C. H. Fenstermaker & Associates, L.L.C. is pleased to submit our Statement of Qualifications / TEC Professional Services Questionnaire to provide professional surveying services on an as needed basis for Public Works Projects for the Jefferson Parish Department of Public Works – Engineering for a period of Two (2) Years for miscellaneous projects located throughout Jefferson Parish. Fenstermaker has provided surveying services within the State of Louisiana for over 70 years. Today, the firm employs approximately 270 full-time staff and is the firm of choice for clients across the State and region.

The Fenstermaker Team will provide Jefferson Parish with the following benefits to ensure successful project completion:

- ✓ *Trusted leadership*
- ✓ *Local knowledge*
- ✓ *Office Location in New Orleans*

Fenstermaker has performed a review of the request for qualifications and understands the scope of services required for projects in the area. Fenstermaker will make a firm commitment to provide professional services on-time and within budget.

Thank you for the opportunity to present our credentials. We look forward to hearing from you. Should you have any questions regarding our submittal or qualifications, contact Professional in Charge, Bradford Millett, or Project Principal, Travis Bodin at (504) 582-2201.

**FENSTERMAKER**

Bradford Millett, PLS, EI  
Professional in Charge  
bradford@fenstermaker.com

Travis Bodin, MBA, PLS, PMP  
Principal  
travisb@fenstermaker.com

Attachment

**1100 Poydras Street, Suite 1550 | New Orleans, LA 70163 | (504) 582-2201 phone  
(504) 582-2210 fax | [www.Fenstermaker.com](http://www.Fenstermaker.com)**

## **Technical Evaluation Committee (TEC) Questionnaire**

### **Instructions**

- The Technical Evaluation Committee (TEC) Questionnaire shall be used for professional services related to architecture, engineering, or survey projects.
- The TEC Questionnaire must be completely filled out. Complete ALL sections. Insert “N/A” or “None” if a section does not apply or if there is no information to provide.
- Questionnaire must be dated and signed by an authorized representative of the Firm.
- All subcontractors must be listed in the appropriate section of the Questionnaire. All subcontractors must provide a fully completed copy of this questionnaire, applicable licenses, and any other information required by the advertisement.
- If additional pages are needed, attach them to the questionnaire and include all applicable information that is required by the questionnaire.
- Failure to properly complete this TEC Professional Services Questionnaire will result in the proposal being deemed not qualified pursuant with Section 2-928(a) of the Jefferson Parish Code of Ordinances, and the proposal will not be evaluated or scored.

## TEC Professional Services Questionnaire

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

Provide Professional Surveying Services on an as needed basis for Public Works Projects

SOQ 23-022

Resolution No. 142423

### B. Firm Name & Address:

C. H. Fenstermaker & Associates, L.L.C.  
1100 Poydras Street  
Suite 1550  
New Orleans, LA 70163



C. H. Fenstermaker & Associates, L.L.C.

### 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:

Travis Bodin, MBA, PLS, PMP - LA PLS #0005067

Vice President, Survey

135 Regency Square, Lafayette, LA, 70508

(337) 314-0468 x1168 / travisb@fenstermaker.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.

Bradford Millett, PLS, EI - LA PLS #0005245

Surveyor I

135 Regency Square, Lafayette, LA, 70508

(337) 314-0477 x1267 / bradford@fenstermaker.com

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

<u>47</u> Administrative	<u>0</u> Estimators	<u>0</u> Specification Writers
<u>0</u> Architects (Licensed)	<u>0</u> Geologists	<u>0</u> Structural Engineers
<u>0</u> Chemical Engineers	<u>0</u> Geotechnical Engineers	<u>2</u> Graduate Engineers
<u>22</u> Civil Engineers	<u>0</u> Interior Designers	<u>1</u> Project Managers
<u>9</u> Construction Inspectors	<u>0</u> Landscape Architects	<u>2</u> Clerical
<u>10</u> Ecologists	<u>47</u> Land Surveyor (field crew)	<u>1</u> Grant/Funding Specialist
<u>0</u> Electrical Engineers	<u>0</u> Mechanical Engineers	<u>0</u> Sanitary Engineers
<u>22</u> Engineer Intern	<u>1</u> Environmental Engineers	<u>0</u> Land Surveyors
<u>14</u> Professional Land Surveyors	<u>4</u> CADD Technicians	<u>49</u> Other Survey Staff
		<u>39</u> Other Staff
		<u>270</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 ☐

**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):
Not applicable		

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

N/A

## **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:**

Bradford Millett, PLS, EI – Surveyor I

**Project Assignment:**

Professional in Charge of Project

**Name of Firm with which associated:**

C. H. Fenstermaker & Associates, L.L.C.

**Years' experience with this Firm:**

10 years

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

B.S. / 2014 / Civil Engineering

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

2020 / PLS / LA #5245

2016 / EI / LA #32848

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

Ms. Millett is a Professional Land Surveyor at Fenstermaker whose responsibilities consist of field crew coordination, data collection and processing, preliminary layout and design of boundary and right of way plats, ALTA surveys and Development and Planning subdivision platting process. Her experience also includes project management as well as public meetings, client relations, utility coordination, and other components associated with surveying services. Ms. Millett is also responsible for the preparation of proposals for the Engineering, Advanced Technologies, and Surveying Divisions.

**Calcasieu Parish Water Consolidation (Calcasieu Parish, LA)** The Calcasieu Parish Police Jury plans to consolidate multiple water districts into a single water district. To date, Fenstermaker has performed topographic and Boundary surveys along E Gauthier Road, E Tank Farm Road, Corbina Road, Tom Hebert Road, LA 397, Ward Line Road, and LA 14. Ms. Millett is serving as the project manager.

**Master Service Agreement for On-Call Surveying (Calcasieu Parish, LA)** Calcasieu Parish Police Jury currently retains Fenstermaker for on-call surveying services needed for various projects within the Calcasieu Parish Capital Improvement Project (CIP) Program. Fenstermaker has completed topographic, boundary, right of way, and post-construction surveys for several projects including installing waterline along Opelousas Street to consolidate two water districts within the Parish; the Amoco Road Bridge; the New Providence Well No. 4; the rehabilitation of the Grogan Street Water Tower; the upgrade of the James Sudduth Water Tower; and staking the existing boundary of the Louisiana Avenue Regional Detention Basin. Other requested services include a topographic and boundary survey of the Sonny Fontenot Bridge; a boundary survey of the Waterworks District No. Five Plant Expansion; and performing a right of way survey on two intersections along Highway 397. Ms. Millett is serving as the project manager for all service requests issued under this agreement.

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## TEC Professional Services Questionnaire

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

Bradford Millett, PLS, EI – Surveyor 1

**Bedico Faubourg Interconnect Survey (St. Tammany Parish, LA)** Fenstermaker performed topographic and boundary/right of way survey for St. Tammany Parish's water main improvements from Bedico Boulevard to Fox Run Boulevard. The interconnect project includes the construction of 5,000 linear feet of 12-inch water main along Louisiana Highway 1085 (LA-1085) from the Bedico Boulevard entrance from the Bedico Creek Subdivision to the Red Fox Run Boulevard Entrance to the Fox Branch Subdivision. The proposed 12-inch water main will be constructed to connect the Bedico Creek and Faubourg Coquille public water systems. Ms. Millett performed quality control and quality assurance (QA/QC) for the project.

**American Rescue Plan Act (ARPA) Grant & Engineering Services – City Wide Water Main Rehab Phase II (Lafayette Parish, LA)** Fenstermaker prepared the ARPA application for the City of Carencro's City-Wide Water Main Rehabilitation—Phase II. This project includes replacing and upgrading old cast iron and ductile iron pipelines with new PVC pipelines and installing new fire hydrants on the new water main. The water system has a total of 3,231 water service connections and serves approximately 75% of the City's population. Ms. Millett prepared the survey packet, coordinated field crews, and reviewed collected survey data.

**IDIQ Contract for Louisiana Watershed Initiative (LWI)–Region No. 4** Fenstermaker was the prime consultant for this unprecedented project that will manage the future flood risk in Louisiana through watershed-based solutions. Fenstermaker is responsible for various tasks including data collection, data gap analysis, surveying, drone imaging, and GIS services to successfully complete interactive, usable, and manageable hydraulic and hydrologic models for Region 4. Ms. Millett served as Survey Project Manager.

**IDIQ Contract for Louisiana Watershed Initiative (LWI)–Region No. 6** Fenstermaker is contracted as a subconsultant for this unprecedented project that will manage the future flood risk in Louisiana through watershed-based solutions. Fenstermaker is responsible for assisting with various tasks including data collection, data gap analysis, surveying, drone imaging, and GIS services to successfully complete interactive, usable, and manageable hydraulic and hydrologic models for Region 6. Through TO 1, Fenstermaker is identifying, collecting, and analyzing available data, and stakeholder and agency coordination. Fenstermaker has acquired channel surveys and hydraulic structure data from existing models, studies, engineering drawings, as-built drawings, and through coordination with local, regional, state, and federal agencies. Fenstermaker is responsible for converting all acquired data to the project datum and confirming the validity of information compared to current field conditions to complete a data gap analysis. Ms. Millett serves as Survey Project Manager.

**Lafayette Utilities System – As Needed Survey Services (Lafayette Parish, LA)** Fenstermaker performs various as-needed surveys for LUS. Ms. Millett is responsible for project management, survey coordination, topographic surveys, project stakeouts, boundary surveys, servitude and right of way plats, processing data, and annexations.

**Acadiana Regional Airport Access Road (Iberia Parish, LA)** This project includes the design of a new roundabout at the intersection of LA 675, US 90 Frontage Road, and the Acadiana Regional Airport Access Road (currently under construction). Ms. Millett was responsible for the topographic and boundary surveys, as well as the development and review of right of way maps.

**Fluor – Sasol LCCP-Heavy Haul Road (LA378 & LA739) (Calcasieu Parish, LA)** Survey; Utility Coordinator: This was a \$12.9 million contract with Fluor for engineering and consulting services which include the design of a 1.5-mile heavy haul route that will be utilized to transport oversized modules from the Calcasieu River to the proposed plant site in Westlake, Louisiana. Ms. Millett was responsible for topographic and boundary data collection and data processing, as well as the generation of Louisiana Department of Transportation and Development Right of Way Maps for the 1.5-mile corridor to acquire servitudes and right of ways. She was also in charge of utility coordination for the relocation of AT&T lines throughout the route.

## **TEC Professional Services Questionnaire**

**K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e. resume) that demonstrates the employment history and experience of the Firm's key persons that may assist in the completion of this Project. Please attach additional pages if necessary.**

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

**Name & Title:**

Travis Bodin, MBA, PLS, PMP – Vice President, Survey and Mapping

**Project Assignment:**

Principal

**Name of Firm with which associated:**

C. H. Fenstermaker & Associates, L.L.C.

**Years' experience with this Firm:**

18 years

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

B.S. / 2004 / Industrial Technology  
MBA / 2021 / Business Administration

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

2018 / Project Management Professional #2269869  
2011 / PLS / LA #5067

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

Travis Bodin, MBA, PLS, PMP has extensive surveying, management, and coordination experience. He has served as the Lead Professional Land Surveyor for projects across Louisiana. His responsibilities have included the management of surveying/ROW services, utility relocation coordination, coordinating with parish, state, and federal agencies and sub-consultants, cost estimating, scoping, scheduling and planning, resource management, and construction management services. With his background in surveying and project management, Mr. Bodin has performed and participated in multi-million-dollar projects consisting of large scale topographic and bathymetric surveys, development of high accuracy GPS networks, landowner notification and documentation, the development of DTM, infrastructure documentation, GIS integration, and process and procedure development. Mr. Bodin has conducted management duties for both field and office activities on survey and engineering projects.

**Driftwood LNG - Master ALTA Survey (Calcasieu Parish, LA)** Fenstermaker has been contracted by Driftwood LNG to generate the overall ALTA survey, following the provided commitment for title insurance for the project site, consisting of approximately 11,000 acres. These tasks include reviewing title reports and 500+ title exceptions, research for additional information needed to map the boundaries within the site, managing survey field crews, utility coordination, and plat generation. Mr. Bodin is serving as Project Manager.

**Louisiana Terminal Site Topographic Survey and Utility Mapping (St. Bernard Parish, LA)** The Port of New Orleans selected Fenstermaker to perform topographic survey and utility mapping services for use in conceptual designs and permit applications for a port terminal project. The topographic survey will be performed using aerial LiDAR and

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## **TEC Professional Services Questionnaire**

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

Travis Bodin, MBA, PLS, PMP – Vice President, Survey and Mapping

orthorectified aerial imagery. Fenstermaker performed a bathymetric survey of the wharf project survey area and a magnetometer survey within the limits of the bathymetric survey. For the utility mapping portion of the project, Fenstermaker will obtain readily available data from utility owners on underground utilities including water, sanitary sewer, storm drainage, electrical, gas, telephone, streetlight, and bridge. Mr. Bodin performed quality control (QA/QC) on the final report and the preliminary drawings.

**Acadiana Regional Airport Access Road (Iberia Parish, LA)** This project included the design of a new roadway beginning at the intersection of LA 3212 (Prairie Rd) and Grand Prairie Rd with an approximate 1,300-foot extension that intersects with LA 675 (Jefferson Island Rd). Significant features of this project include a 5-legged roundabout, a boulevard extension, and outfall channel regrading. Mr. Bodin served as Project Surveyor.

**Louisiana Watershed Initiative Region 4 (De Soto, Sabine, Vernon, Rapides, Beauregard, Allen, Jefferson Davis, Calcasieu, and Cameron Parishes)** Mr. Bodin is serving as the Lead Surveyor for the Louisiana Watershed Initiative Region 4, an unprecedented project that will manage the future flood risk in the State of Louisiana through watershed-based solutions. Mr. Bodin's responsible for all aspects of surveying, data collection, and management to successfully complete an interactive, usable, and manageable hydraulic and hydrologic Region 4, which encompasses De Soto, Sabine, Vernon, Rapides, Beauregard, Allen, Jefferson Davis, Calcasieu, and Cameron Parishes in the State of Louisiana. These models will consider the degree to which communities within a watershed are hydraulically and hydrologically connected, and will lead decisions regarding land use, policy, and infrastructure must now be coordinated, made, and implemented at the watershed level if flood risk is to be effectively managed.



## TEC Professional Services Questionnaire

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

**Name & Title:**

Chris Harlan, Jr., PLS, EI – Surveyor I

**Project Assignment:**

Professional Land Surveyor

**Name of Firm with which associated:**

C. H. Fenstermaker & Associates, L.L.C.

**Years' experience with this Firm:**

10 months

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

B.S. / 2005 / Civil Engineering

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

2022 / PLS / LA #5281      2006 / EI / LA #21953

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

Mr. Harlan is a Professional Land Surveyor in the state of Louisiana. He has extensive experience in data collection and processing, drafting survey plats, legal descriptions, and ALTA surveys; preparing permits for various regulatory bodies such as DOTD, Levee Boards, Corps of Engineers, and railroad permits; performing topographic and hydrographic surveys, pipeline route surveys, and containment volume surveys; laying out the electric utility for numerous subdivision throughout south Louisiana, and surveying and staking Transmission Right-of-way; client relations; performing online and stand-up courthouse conveyance record research; flood certificates. Mr. Harlan is also responsible for assisting with estimating and preparing proposals for the Surveying Division.

**Clearfield Ranch Water Main (Calcasieu Parish, LA)** Fenstermaker was contracted by the Calcasieu Parish Police Jury on behalf of Waterworks District No. 5 of Wards 3 and 8 for the design and installation of an 8" water main in Clearfield Ranch Subdivision to provide water to approximately 60 residences as well as a new 6" water main on the south side of Hwy 14 east of Hwy 397 to provide water to approximately eight residences. Mr. Harlan's duties include processing the data, developing a topographic drawing for the engineer, and determining the boundary lines and existing servitudes on the affected tracts.

**Sudduth Parkway Water Tower (Calcasieu Parish, LA)** Fenstermaker provided a topographic survey and apparent boundary survey of the water tower along James Sudduth Parkway for the Calcasieu Parish Police Jury. Services included performing a topographic survey and determining the apparent boundary survey of the site. Mr. Harlan's duties included creation of the job scope for the survey crew, courthouse research to locate the current conveyance records, determining the apparent boundary line based on the records and the recovered data in the field, and creating a topographic plat for the clients.

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## TEC Professional Services Questionnaire

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

Chris Harlan, Jr., PLS, EI – Surveyor 1

**Grogan Street Water Tower (Calcasieu Parish, LA)** Fenstermaker will provide a topographic survey and apparent boundary survey of the water tower along Grogan Street for the Calcasieu Parish Police Jury. Services include performing a topographic survey and determining the apparent boundary survey of the site. Mr. Harlan's duties included the creating the job scope for the survey crew, performing research to locate the current conveyance records at the courthouse, determining the apparent boundary line based on the records and the recovered data in the field, and creating a topographic plat for the clients.

**South Cameron Water Consolidation (Cameron Parish, LA)** Fenstermaker has been contracted by the Cameron Parish Water and Wastewater District No. 1 to design a ground storage tank located off Ann Street in Cameron, LA, and water main distribution to connect the existing well to the ground storage tank and to the proposed water main located along LA Hwy 27/82 (Marshall Street). Services include performing a topographic survey and boundary survey of the site. Mr. Harlan's duties included the creation of the job scope for the survey crew, courthouse research to locate the current property conveyance records, determining the property boundary based on the records, and preparing a topographic for the engineer to design the ground storage tank and proposed water main.

**Coulee Ile des Cannes-L8C Regional Detention Facilities Phase 1 (Lafayette Parish, LA)** The City of Scott selected Fenstermaker to provide professional engineering services for the L8C detention facilities project. These services included data gathering, technical analysis, completion of an H&H study, the development of design documents, project permitting, and the completion of an Environmental Assessment (EA) to determine project eligibility for HMGP funding. Mr. Harlan processed survey data and prepared data files for design, worked on the property boundary, and researched conveyance records to adjust the boundary where needed. He also created the boundary, surface, and cross sections for the drawings, drafted plan and profile sheets, and worked with the Parish to identify the approximate location of the 12-inch water line.

**Bedico-Faubourg Interconnect Survey (St. Tammany Parish, LA)** The St. Tammany Parish Government Department of Utilities selected Fenstermaker to provide professional surveying services to survey Louisiana Highway 1085 between Bedico Creek Subdivision and Fox Branch Estate Subdivision. The scope of this project included surveying 5,000 feet of LA 1085 for the design and installation of a new 12-inch waterline. Mr. Harlan's responsibilities included survey coordination, coordinating with Louisiana One Call, data processing, preparing plan and profile alignment sheets, QA/QC for the project, and communicating with the client.

**Opelousas Street Survey (Calcasieu Parish, LA)** The Calcasieu Parish Police Jury Selected Fenstermaker to perform a topographic and boundary survey along Opelousas Street in Lake Charles. This project was for designing and installing a water line to consolidate two water districts within the Parish. Mr. Harlan's responsibilities included survey coordination, coordinating with Louisiana One Call, data processing, generating servitude plats, and preparing legal descriptions.

**Tammany Mobile Home Park and S&J RV Park (St. Tammany Parish, LA)** This project involved surveying the St. Tammany and S&J RV Park to connect these sites to the Parish water system. Fenstermaker was a subcontractor on this project and was responsible for surveying the existing conditions at the site and performing a boundary survey. Mr. Harlan served as the Project Surveyor.

**Calcasieu Parish Water Consolidation (Calcasieu Parish, LA)** The Calcasieu Parish Police Jury plans to consolidate multiple water districts into a single water district. To date, Fenstermaker has performed topographic and Boundary surveys along E Gauthier Road, E Tank Farm Road, Corbina Road, Tom Hebert Road, LA 397, Ward Line Road, and LA 14. Mr. Harlan has acted as the assistant Survey Manager on this project and has been responsible for drafting proposals, coordinating with field crew and local utility companies, determining boundary and existing servitudes, and preparing plats for select properties.

## TEC Professional Services Questionnaire

**K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e. resume) that demonstrates the employment history and experience of the Firm's key persons that may assist in the completion of this Project. Please attach additional pages if necessary.**

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

**Name & Title:**

Justin Bordelon, PLS, PSM – Manager, Surveyor

**Project Assignment:**

Professional Land Surveyor

**Name of Firm with which associated:**

C. H. Fenstermaker & Associates, L.L.C.

**Years' experience with this Firm:**

17 years

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

B.S. / 2009 / Business Administration

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

2021 / Louisiana PLS #5271

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

Justin Bordelon, PLS is a Professional Land Surveyor in Louisiana. His initial surveying work included performing underwater acoustic investigations and hydrographic survey. As he gained more experience, Mr. Bordelon became Fenstermaker's underwater acoustic investigation manager and worked on many projects, including an inspection of over 100 bridges for the Louisiana Department of Transportation and Development. He then became a Survey Crew Manager and managed crews in Lafayette, Shreveport, and Midland, TX. Mr. Bordelon currently coordinates and supervises activities of field and office personnel for remote sensing projects. He also acts as Project Manager and assists in pre-project planning and post data collection analysis. Additionally, he is responsible for client interaction and coordination.

**Driftwood LNG Master ALTA Survey (Calcasieu Parish, LA)** Fenstermaker was contracted by Driftwood LNG to generate an overall ALTA survey for the proposed 1,187-acre site. Mr. Bordelon conducted project research, recreated deeds, coordinated with the filed crew, and calculated the cost estimate for the survey. He was also responsible for reviewing exceptions and survey plans and performing quality assurance and quality control on maps and master plats.

**New Orleans Outfall Canals Survey (SLFPA) (Orleans Parish, LA)** Mr. Bordelon served as the project manager to map out the New Orleans Outfall Canals utilizing Multibeam and LiDAR technology for erosion detection and monitoring. Tasks included coordination with the Flood Protection Authority, coordinating and scheduling field crews, overseeing office data processing and deliverable generation.

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## **TEC Professional Services Questionnaire**

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

Justin Bordelon, PLS, PSM – Manager, Surveyor

**Louisiana Terminal Site Topographic Survey and Utility Mapping (St. Bernard Parish, LA)** Fenstermaker was selected by the Port of New Orleans to perform topographic survey and utility mapping services for a port terminal project in St. Bernard Parish, LA. The topographic survey was conducted using aerial LiDAR and orthorectified aerial imagery to gather precise data for conceptual designs and permit applications. Additionally, Fenstermaker carried out a bathymetric survey of the wharf project survey area and a magnetometer survey within the defined limits. In the utility mapping aspect of the project, Fenstermaker obtained relevant data from utility owners regarding underground utilities, such as water, sanitary sewer, storm drainage, electrical, gas, telephone, streetlight, and bridge infrastructure. Mr. Bordelon served as the Project Manager and oversaw various responsibilities. He coordinated site visits, managed project planning and scheduling, reviewed the control network, acquired DOTD permits for deep rod monuments, and coordinated field crews. Additionally, he reviewed the collected data, prepared reports, and ensured the timely delivery of final deliverables for the project.

**Jean Lafitte Shoreline Protection (Jefferson Parish, LA)** Survey Technician: Fenstermaker was contracted by Louis Berger U.S., Inc. to perform topographic, bathymetric, and magnetometer surveys. Mr. Bordelon assisted with the project management, bathymetric, and magnetometer data processing and field topographic survey.

**JELA Trail Improvements at Barataria Preserve Nature Trails (Jefferson Parish, LA)** Fenstermaker was contracted as a subconsultant by Stantec Consulting Services, Inc. to perform topographic surveys along predetermined routes and areas at the Barataria Preserve Nature Trails in support of engineering design to repair damage due to Hurricane related damages. This project was performed for the National Park Service. Mr. Bordelon was Fenstermaker's Project Manager.

**Queen Bess Island (BA-202) – Topo Survey (Jefferson Parish, LA)** Survey Technician: Fenstermaker is the Prime consultant for CPRA's Queen Bess Island Restoration project. On this task, Fenstermaker provided a topographic survey to locate existing levees, rock dives, pool areas, cuts and trenasses. Mr. Bordelon assisted with the project management, oversight, and processing of the bathymetric and magnetometer survey data.

## TEC Professional Services Questionnaire

**K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e. resume) that demonstrates the employment history and experience of the Firm's key persons that may assist in the completion of this Project. Please attach additional pages if necessary.**

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

#### **Name & Title:**

Joe Broussard – Survey Technician III

#### **Project Assignment:**

Lead Field Technician

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

C. H. Fenstermaker & Associates, L.L.C.

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

8 years

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

B.A. / 2003 / Creative Writing

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

2016 / Remote Pilot Certificate – Small Unmanned Aircraft System #3909218

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



Mr. Broussard is a survey technician with extensive experience in both coastal restoration and underwater acoustic and bathymetric survey operations. He acts as a lead technician in data collection activities for all underwater surveys and has expertise in operating a variety of surveying systems, including the Leica 1" Robotic Total Stations, high-speed terrestrial laser scanning systems, RTK-GPS Systems, underwater acoustic imaging sonar/profilers, side scan sonar, multi-beam systems, single beam echosounders, and pipeline location devices. Mr. Broussard has performed survey services such as High-Definition Scanning (HDS), Dimensional Control (DC), Boundary/Right-of-Way, Pipeline, Topographic, Construction, and

Utility Location Surveys.

**New Orleans Outfall Canals Survey (SLFPA) (Orleans Parish, LA)** Mr. Broussard served as a survey technician and mapped out the New Orleans Outfall Canals utilizing Multibeam and LiDAR technology for erosion detection and monitoring. Tasks included coordination with the Flood Protection Authority, coordinating and scheduling field crews, overseeing office data processing and deliverable generation. Mr. Broussard was responsible for conducting the LiDAR survey using drone technology and processing survey data collected.

**Louisiana Terminal Site Topographic Survey and Utility Mapping (St. Bernard Parish, LA)** The Port of New Orleans selected Fenstermaker to perform topographic survey and utility mapping services for use in conceptual designs and permit applications for a port terminal project. The topographic survey will be performed using aerial LiDAR and orthorectified aerial imagery. Fenstermaker will perform a bathymetric survey of the wharf project survey area and a magnetometer survey within the limits of the bathymetric survey. For the utility mapping portion of the project, Fenstermaker will obtain readily available data from utility owners on underground utilities including water, sanitary sewer, storm drainage, gas

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## TEC Professional Services Questionnaire

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

Joe Broussard – Survey Technician III

electrical, telephone, streetlight, and bridge. Mr. Broussard was responsible for processing collected magnetometer data and adjusting the GPS network for deliverables as needed.

**Maurepas Freshwater Diversion and West Lake Shore Pontchartrain Reaches 16-19 (St. John the Baptist Parish, LA)** The Maurepas Diversion is a proposed 2,000 cubic foot per second (cfs) freshwater diversion from the Mississippi River into the Maurepas Swamp. The West Lake Shore Pontchartrain (WSLP) project will provide hurricane and storm-damage risk reduction in St. Charles and St. John the Baptist Parishes. Fenstermaker was tasked to collect survey data based on a specific survey plan developed to provide sufficient information for engineering design. Survey data collected include topographic, hydrographic (bathymetric and magnetometer), and geodetic. Real-time Kinematic (RTK) GPS technology, along with single and multi-beam bathymetric data collection (hydrographic), and aerial LiDAR surveys were all implemented to provide the survey data necessary for planning of the next phases of this project. Mr. Broussard coordinated field crews, drafted reports, and reviewed and processed data.

**Post Hurricane Laura & Delta Survey – Port of Lake Charles (Calcasieu Parish, LA)** Fenstermaker performed a side scan sonar and a bathymetric survey to determine existing water bottom depths and to show any debris or hazards to navigation after the Hurricane Laura and Delta Events. As the project's crew chief, Mr. Broussard assisted in post processing of bathymetric and side scan data and executed the last bathymetric survey post Hurricane Delta.

**Freshwater Bayou Marsh Monitoring (ME-25) (Vermilion Parish, LA)** Survey Party Chief: On this LADNR project, Fenstermaker served as a sub-consultant to GeoEngineers providing surveys of settlement plates at the location of each of three marsh soil borings, and all visible survey rods and marsh monitoring items. Fenstermaker provided horizontal and vertical positions of nine subsidence plates and floats within the project containment dike, three surface monitor plates (Jacks) outside the project containment dike, and two extensometers within the project containment dike and depth readings to three magnetic locations below the upper lip of the extensometer. Fenstermaker also provided aerial monitoring to track the vegetative growth throughout the project using the Inspire UAV. These surveys provided elevations of the marsh grass and containment dikes. Mr. Broussard served as 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.**

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

**Name & Title:**

Brett Dufour – Survey 360 Technician III

**Project Assignment:**

Lead Office Technician

**Name of Firm with which associated:**

C. H. Fenstermaker & Associates, L.L.C.

**Years' experience with this Firm:**

17 years

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

A.S. / 2004 / Civil, Surveying, and Mapping Technology

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

Not applicable

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

Mr. Dufour is responsible for processing RTK field data, preparing plat information, and assembling pre-survey data for all services provided by the Advanced Technologies Division. Mr. Dufour is proficient in all data processing aspects of high-definition laser scan survey, dimensional control surveys, topographic surveys, hydrographic surveys, route surveys, subsidence surveys, geodetic control surveys, hazard surveys, and boundary surveys. He is familiar with traditional survey methods as well as the latest, most current technologies, including Underwater Acoustic Imaging (UAI) and High-Definition Surveying (HDS) and Dimensional Control (DC).

**Driftwood LNG Master ALTA Survey (Calcasieu Parish, LA)** Fenstermaker was contracted by Driftwood LNG to generate an overall ALTA survey for the proposed 1,187-acre site. Mr. Dufour was responsible for drafting and revising the ALTA survey plats and processing field data.

**Southeast Louisiana Flood Protection Authority. New Orleans Outfall Canals Survey (Orleans Parish, LA)** Survey Technician. Mr. Dufour processed collected data, created surface models, wall point clouds, bare earth models for this award-winning project to map out the New Orleans Outfall Canals utilizing Multibeam and LiDAR technology for erosion detection and monitoring.

**ALTA Survey Dolet Hills Development (DeSoto Parish, LA)** Fenstermaker performed an ALTA survey of the Dolet Hills Solar Development in Desoto Parish. The project encompassed approximately 3100 acres. The field effort was completed using conventional survey equipment including aerial photogrammetry and UAV based LiDAR. The project included a boundary recon involving property corner monuments and tie-ins along property lines. Mr. Dufour was responsible for processing photogrammetry data and created the bare earth model from the LiDAR dataset.

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## TEC Professional Services Questionnaire

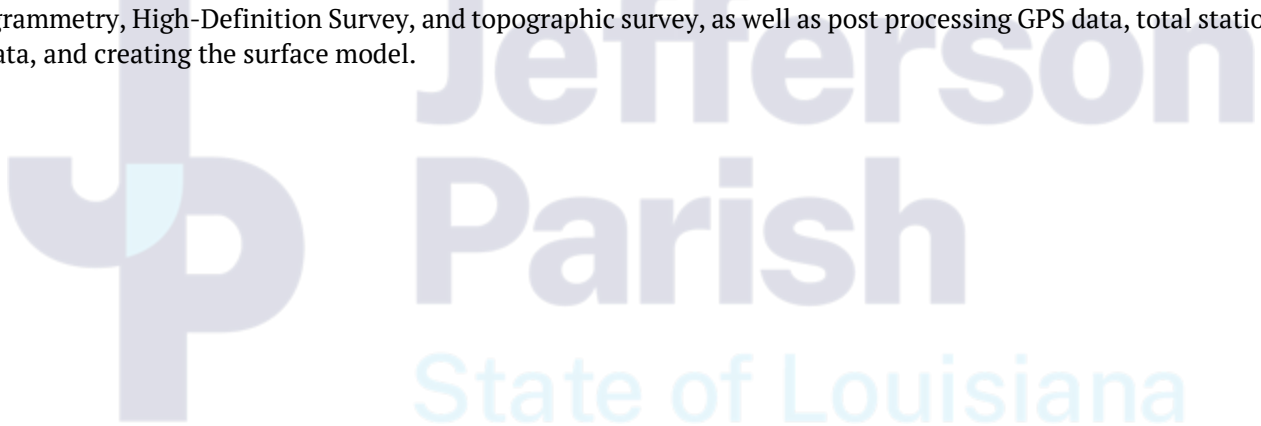
### **Continued - Other experience and qualifications relevant to the proposed Project:**

Brett Dufour – Survey 360 Technician III

**Terminal Site Topographic Survey and Utility Mapping (Orleans Parish, LA)** Fenstermaker performed topographic survey and utility mapping services for the Terminal Site in Orleans Parish, LA. The topographic survey utilized aerial LiDAR and orthorectified aerial imagery to gather accurate data for conceptual designs and permit applications. Additionally, Fenstermaker conducted a bathymetric survey of the wharf project survey area and a magnetometer survey within the designated limits. They also obtained relevant data from utility owners regarding underground utilities, including water, sanitary sewer, storm drainage, electrical, gas, telephone, streetlight, and bridge information. Mr. Dufour processed the collected data, created bare earth models, and extracted linework and features from the LiDAR and photogrammetry surveys.

**Hero Canal Levee, East of Harvey Canal at the Mississippi River for New Orleans District Army Corps of Engineers (Orleans/Jefferson Parish, LA)** This project provides improved hurricane protection for the communities of Belle Chase and Gretna. The scope of the project includes repairs and upgrades to the Hero Canal 1st lift by increasing the grade elevation approximately 1.5 feet. Mr. Dufour was part of the survey team to set four permanent benchmarks were placed along the land side of the levee right-of-way. The hydrographic survey performed at Hero Canal was performed at standards that meet or exceed the USACE minimum accuracy standards, quality control, and quality assurance requirements for Navigation and Dredging support surveys for a soft bottom material classification.

**Pont des Mouton Road Widening (Lafayette Parish, LA)** Mr. Dufour was responsible for collecting aerial photogrammetry, High-Definition Survey, and topographic survey, as well as post processing GPS data, total station data, scan data, and creating the surface model.



## TEC Professional Services Questionnaire

**K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e. resume) that demonstrates the employment history and experience of the Firm's key persons that may assist in the completion of this Project. Please attach additional pages if necessary.**

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

**Name & Title:**

Lance Fontenot – Survey 360 Technician III

**Project Assignment:**

Lead UAS Specialist

**Name of Firm with which associated:**

C. H. Fenstermaker & Associates, L.L.C.

**Years' experience with this Firm:**

17 years

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

A.S. / 2006 / Survey & Drafting

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

2016 / Remote Pilot Certificate – Small Unmanned Aircraft System #3934546

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



Mr. Fontenot serves as a lead Unmanned Aerial Vehicle (UAV) and High-Definition Scanning (HDS) / Dimensional Control survey technician and oversees all field HDS/DC operations for projects to ensure that QA/QC guidelines and procedures are being followed. He also provides the day-to-day technical guidance and has final say in submission of all data to project managers. Mr. Fontenot has performed UAV Surveys, HDS Scanning, Dimensional Control support, Boundary/Right-of-Way, Pipeline, Topographic, Roadway, Construction, Oil & Gas, Geodetic, Hazard, and Accident Surveys primarily across the Gulf Coast Area.

**LCG 2021 Drainage Initiative Surveying (Lafayette Parish, LA)** Fenstermaker provided survey services for the maintenance of drainage systems in Lafayette Parish. The survey data collected was used to create a detailed MicroStation file for the Lafayette Consolidate Government (LCG) Department of Public Works. LCG reviewed this data to identify and assess needed drainage improvements. Mr. Fontenot performed the LiDAR survey of the Acadiana Park lateral.

**Youngsville Sports Complex Phase 2 (Lafayette Parish, LA)**

The Youngsville Sports Complex is a multi-million-dollar state-of-the-art sports facility that is built upon 70 acres of land situated in the middle of the City of Youngsville. Fenstermaker was responsible for master planning of the facility, led public meetings, and was the lead design engineer. In November of 2021, Fenstermaker was contracted for Phase 2, which includes a \$12M expansion to include more athletic fields, additional parking, restrooms, concession facilities, walking paths, playgrounds, and pavilions. Mr. Fontenot was responsible for collecting LiDAR survey data and processing the data.

**ALTA Survey Dolet Hills Development (DeSoto Parish, LA)** Fenstermaker performed an ALTA survey of the Dolet Hills Solar Development in Desoto Parish. The project encompassed approximately 3100 acres. The field effort was completed using conventional survey equipment including aerial photogrammetry and UAV based LiDAR. The project included a

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## TEC Professional Services Questionnaire

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

Lance Fontenot – Survey 360 Technician III

boundary recon involving property corner monuments and tie-ins along property lines. Mr. Fontenot planned UAV flights and processed collected data. He also oversaw the UAV LiDAR survey on site, extracted top-of-roof elevations from the LiDAR dataset, and performed quality control on the data.

**Driftwood LNG Master ALTA Survey, Calcasieu Parish, LA. UAV Technician** Fenstermaker completed a Master ALTA Survey for the Driftwood Liquefied Natural Gas (LNG) Facility, a proposed 1,187-acre site located in Calcasieu Parish. The Survey Team completed pre-construction surveys consisting of probing existing pipelines to determine depth of cover and prepared a Certified Topographic Map showing existing ground feature, levees, canals, and hazards which could impact engineering design. Fenstermaker also performed topographic, ALTA, and Boundary Surveys. Mr. Fontenot was responsible for flying the UAV for the project, data processing, quality control and assisting with producing deliverables.


**New Orleans Outfall Canals Survey (SLFPA) (Orleans Parish, LA)** Fenstermaker mapped the New Orleans Outfall Canals utilizing Multibeam and LiDAR technology for erosion detection and monitoring. Tasks included coordination with the Flood Protection Authority, coordinating and scheduling field crews, overseeing office data processing and deliverable generation. Mr. Fontenot processed LiDAR data for all canals surveyed.

**DOTD P.O. No. 005365.5: Underwater Acoustic Imaging for Bridge Inspection (Louisiana Statewide)** Fenstermaker was contracted to provide Underwater Acoustic Imaging (UAI) services for the underwater bridge inspection of pier systems for 72 state-maintained bridges. The project scope consists of an Underwater Acoustic Inspection and evaluation of the submerged components of the piers utilizing a multi-axis, steered beam imaging and profiling remote sensing system with all acoustic data correlated to a Real Time Kinematic (RTK) GPS positioning system. Mr. Fontenot served as Lead Survey Technician.

## TEC Professional Services Questionnaire

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

### PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>Master Service Agreement for Water Consolidation Projects - Surveying Calcasieu Parish, LA</b></p> <p>Calcasieu Parish Police Jury Matthew Morris, P.E. (337) 721-4100 mbmorris@calcasieu.gov 1015 Pithon Street Lake Charles, LA 70601</p> 	<p>Calcasieu Parish Police Jury has retained Fenstermaker to provide surveying and engineering design services to consolidate Waterworks District No. Five, Wards Three and Eight; Waterworks District No. Eight, Wards Three and Eight; and Waterworks District No. Twelve, Ward 3. Survey tasks are currently issued as the project develops through the design process. Fenstermaker's tasks include:</p> <ul style="list-style-type: none"> <li>• <b>Task Order #1</b> Topographic and boundary survey beginning at the intersection of Highway 14, Highway 397, and Ward Line Road for approximately 1.2 miles to the intersection of Ward Line Road and Gauthier Road; then turning and continuing west along Gauthier Road for approximately 1.02 miles to the intersection of Gauthier Road and Highway 397. The survey limits were 20 feet outside of the apparent right of way on both sides of the road and inclusive of the roadway.</li> <li>• <b>Task Order #2</b> Topographic and boundary survey beginning at intersection of Gauthier Road and Highway 397 (termination point of Task Order #1), then going west along Gauthier Road for approximately 5.2 miles to the intersection of Lake Street and Gauthier Road. The survey limits were 20 feet outside of the apparent right of way on both sides of the road and inclusive of the roadway.</li> <li>• <b>Task Order #3</b> Topographic survey regarding features associated with the Waterworks District Twelve Henry Pugh Boulevard Production Plant and Tower; and the Waterworks District Eight Production Plant, Elevated Tower, and Heck Road Pump Station.</li> <li>• <b>Task Order #4</b> Topographic and boundary survey following these routes: Corbina Road (Gauthier to Tank Farm) – East side of the road only from the centerline to 20 feet outside of the apparent right of way; Tank Farm Road (Gulf Highway to Corbina) – South side of the road from the centerline to 20 feet outside of the apparent right of way; and Tom Herbert Road (Tank Farm Road to Gauthier) – Both sides of the road to twenty feet outside of the apparent right of way.</li> <li>• <b>Task Order #5</b> Legal descriptions and plats for the following properties: JNJ Ridge Estates (fee and title); JW Peloquin (permanent utility servitude); Sweetlakes Land (permanent utility servitude); A-1 Open Ranch (permanent utility servitude).</li> </ul>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
01/2026 (estimated)	Cost varies by project.	Cost varies by project.


## TEC Professional Services Questionnaire

PROJECT NO. 2		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>Master Service Agreement for On-Call Surveying</b>  <b>Calcasieu Parish, LA</b></p> <p><b>Calcasieu Parish Police Jury</b>  Matthew Morris, P.E.  (337) 721-4100  mbmmorris@calcasieu.gov</p> <p>Jennifer Hobbs, P.E.  (337) 721-4100  jhobbs@calcasieu.gov</p> <p>1015 Pithon Street  Lake Charles, LA 70601</p>	<p>Calcasieu Parish Police Jury currently retains Fenstermaker for on-call surveying services needed for various projects withing the Calcasieu Parish Capital Improvement Project (CIP) Program. Fenstermaker has provided surveying services for the following projects:</p> <div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <ul style="list-style-type: none"> <li><b>Amoco Road Bridge</b> Topographic survey; Right of way and servitude staking; Recovery and re-establishing the horizontal and vertical control points; horizontal alignment, TBM, elevation, bridge element, and as-built pile cutoff elevation checks.</li> <li><b>Grogan Street Water Tower</b> Topographic survey; establishing temporary benchmarks; underground utility marking LA One Call request; tract boundary corner locating.</li> <li><b>Sonny Fontenot Bridge</b> Topographic and boundary survey; plat generation.</li> <li><b>Sudduth Parkway Water Tower</b> Topographic survey; establishing temporary benchmarks; LA One call request for underground utility marking; tract boundary corner locating.</li> <li><b>Waterworks District No. Five Plant Expansion</b> Boundary survey services, certified plat, and certified legal description.</li> <li><b>New Providence Baptist Church Well No. Four</b> Topographic survey; establishing vertical and horizontal alignment; LA One call request for underground utility marking.</li> <li><b>Opelousas Street</b> Boundary and topographic survey; four certified plats; four certified legal descriptions.</li> <li><b>Louisiana Avenue Regional Detention Basin</b> Re-establishing and staking the existing boundary of the basin site; recovering and re-establishing the horizontal and vertical control points; creating field request packets, processing collected data, and generating deliverables.</li> <li><b>Highway 397 Right of Way Survey</b> Topographic survey at two locations along Highway 397, including the intersections at Kade Daniel Drive, Highway 14, McCown Road, and East Prien Lake Road.</li> </ul> </div> <div style="flex: 0.5; text-align: center;">  </div> </div>	
<p><b>Completion Date (Actual or estimated):</b></p>	<p><b>Estimated Cost:</b></p>	
	<p><b>Entire Project:</b></p>	<p><b>Work for which Firm was Responsible:</b></p>
<p>04/2025 (estimated)</p>	<p>Cost varies by project.</p>	<p>Cost varies by project.</p>



## TEC Professional Services Questionnaire

### PROJECT NO. 3

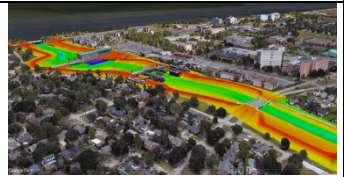
PROJECT NO. 3																				
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility																			
<p><b>As-Needed Surveying Services</b> <a href="#">Lafayette Parish, LA</a></p> <p><a href="#">Lafayette Utilities System</a> Allison Granger (337) 210-4595 agranger@lus.org 1314 Walker Road Lafayette, LA 70506</p> 	<p>Lafayette Utilities System (LUS) currently retains Fenstermaker for as-needed surveying services for property/servitude acquisitions. Fenstermaker has performed boundary survey and has staked rights of way on the following roads:</p> <table><tr><td>Cleopatra Lane – Coulee</td><td>1300-1500 Block of East Broussard Road</td></tr><tr><td>Town Center Parkway</td><td>600 Block of Ambassador Caffery Parkway</td></tr><tr><td>Dugas Road</td><td>500 Block of West Pont des Mouton Road</td></tr><tr><td>Pont des Mouton Road</td><td>Teurlings Drive at East Willow Street</td></tr><tr><td>North University Avenue</td><td>1780 Blanchet Drive</td></tr><tr><td>1500 West Pinhook Road to the Campion Apartments</td><td>4010 West Congress Street</td></tr><tr><td>118 Bowers Road</td><td></td></tr><tr><td>Surrey Street and Borman Drive</td><td></td></tr><tr><td>500 Block of Ambassador Caffery Parkway</td><td></td></tr></table>		Cleopatra Lane – Coulee	1300-1500 Block of East Broussard Road	Town Center Parkway	600 Block of Ambassador Caffery Parkway	Dugas Road	500 Block of West Pont des Mouton Road	Pont des Mouton Road	Teurlings Drive at East Willow Street	North University Avenue	1780 Blanchet Drive	1500 West Pinhook Road to the Campion Apartments	4010 West Congress Street	118 Bowers Road		Surrey Street and Borman Drive		500 Block of Ambassador Caffery Parkway	
Cleopatra Lane – Coulee	1300-1500 Block of East Broussard Road																			
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Surrey Street and Borman Drive																				
500 Block of Ambassador Caffery Parkway																				
Completion Date (Actual or estimated)	Estimated Cost:																			
	Entire Project:	Work for which Firm was Responsible:																		
06/2025 (estimated)	Cost varies by project.	Cost varies by project.																		


### PROJECT NO. 4

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
<p><b>Engineering Services for City Wide Water Main Rehab Phases I &amp; II</b>  <a href="#">Lafayette Parish, LA</a></p> <p><a href="#">City of Carencro</a>  Charlotte Clavier, Mayor  (337) 234-2382  cclavier@carencro.org  210 East St. Peter Street  Carencro, LA 70520</p>	<p>The City of Carencro is in dire need of water main upgrades. Replacing these distribution lines in the older parts of the city would eliminate the source of brown water which is caused by rust dislodging from these older pipes during water disturbances. This project will result in the installation of approximately 23,500 feet of 2-inch, 6-inch, 8-inch, and 12-inch in diameter PVC water main throughout Carencro.</p> <p>Fenstermaker was tasked with managing the water main rehabilitation project. Fenstermaker's tasks and services for the project included developing a scope of services, preparing plans, <b>performing topographic/boundary surveys, coordinating utilities, acquiring right-of-way</b>, preparing and submitting permits, preparing construction documents, and supporting bidding and contracting.</p>	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
09/2026 (estimated)	\$1,675,315	\$1,554,217




## TEC Professional Services Questionnaire

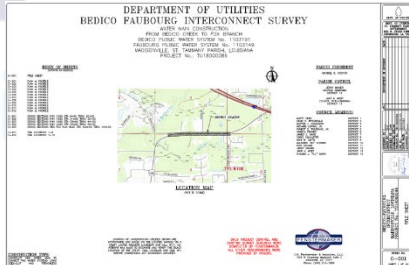
PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<b>Outfall Canals Topographic and Bathymetric Surveys</b> Orleans Parish, LA  Southeast LA Flood Protection Authority Roger Colwell (504) 286-3106 6920 Franklin Ave New Orleans, LA 70122	Fenstermaker conducted a combined topographic and multibeam bathymetric survey for the 17th, London, and Orleans Outfall Canals for the Southeast Louisiana Flood Protection Authority. Utilizing an ASV platform for topographic survey and an Unmanned Aerial System for LiDAR survey, both to detect and monitor erosion. The results reduced field time by 40% and provided a high-definition, accurate surface model for future analysis. Fenstermaker received the 2021 Engineering Excellence Grand Award for Survey/Mapping Technology and the 2021 Grand Conceptor Award.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
05/2022 (actual)	\$224,272	\$224,272

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<b>Acadiana Regional Airport Access Roadway</b> Iberia Parish, LA  Iberia Parish Government Larry Richard Parish President mlarryrichard@iberiagov.net (337) 365-8246 300 S Iberia Street New Iberia, LA 70560	The project aims to create a direct access path to Acadiana Regional Airport, starting at LA 3212 and Grand Prairie Road and extending southward for 1,300 feet to a dead end for future connection to LA 675. The project includes a roundabout, 2,680 feet of two-lane boulevard, and 1,100 feet of two-lane divided roadway. Fenstermaker, a sub-consultant to Berard Habetz, & Associates, designed the two-lane roadway, including a main roadway, single lane roundabout, and a two-lane roadway connecting the main road to US-90 Frontage Road. Fenstermaker provided topographic surveys, roadway plans, and environmental assessments on this project.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
08/2023 (estimated)	\$531,501	\$531,501





## TEC Professional Services Questionnaire

<b>PROJECT NO. 7</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Louisiana Terminal Site Topographic Survey and Utility Mapping</b> <b>St. Bernard Parish, LA</b>  <b>Port of New Orleans</b> Chris Gilmore Director of Engineering (504) 528-3305 chris.gilmore@portnola.com P.O. Box No. 60046 New Orleans, LA 70160	The Port of New Orleans has chosen Fenstermaker to conduct a topographic survey and utility mapping services for a port terminal project. The survey will use aerial LiDAR and orthorectified imagery, and a magnetometer survey will be conducted within the bathymetric survey limits. The utility mapping portion will involve obtaining data from utility owners on various underground utilities. Fenstermaker will submit a report detailing data collection, equipment, survey control benchmarks, field activities, and visual field observations. Deliverables include a survey plan, initial, pre-final, and final submittals. <div style="float: right; text-align: center;">  </div>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
12/2024 (estimated)	Not to exceed \$250,000	\$172,677

<b>PROJECT NO. 8</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Bedico Faubourg Interconnect Survey</b> <b>St. Tammany Parish, Louisiana</b>  <b>St. Tammany Parish Government</b> Bob Moeinian Project Manager (985) 893-1717 bmoeinian@stpgov.org 21454 Koop Dr. Mandeville, LA 70471	Fenstermaker performed topographic and boundary/right of way survey for St. Tammany Parish's water main improvements from Bedico Boulevard to Fox Run Boulevard. Fenstermaker's professional services include surveying the proposed waterline route, alignment, and rights of way on LA-1085 (ROW line to ROW line), the subdivision entrance drives, the Bedico Boulevard entrance to the Bedico Creek Subdivision, and the Red Fox Run Boulevard entrance to the Fox Branch Subdivision. Deliverables include detailed prints showing plan and baseline profile views with cross sections, apparent right-of-way lines, and any recorded servitudes within the survey limits. <div style="float: right; text-align: center;">  </div>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
05/2023 (actual)	\$24,168	\$24,168

## TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>Louisiana Watershed Initiative Regions 4, 5, &amp; 6</b></p> <p>Louisiana Department of Transportation  Billy Williamson  Billy.williamson@la.gov  (225) 379-3023  1201 Capitol Access Road  Baton Rouge, LA 70802</p>	<p>Fenstermaker conducted surveys in Louisiana to support hydrologic and hydraulic modeling, spanning multiple parishes and waterways across watershed regions. The survey data was collected using topographic, bathymetric, and laser scanning techniques. The data was collected in the North American Datum of 1983 (NAD 83) horizontal datum, Epoch 2010, and the North American Vertical Datum of 1988 (NAVD 88) using Geoid 12B. The LSUC4G network and GPS instrumentation were used, with a standard accuracy of approximately 10 cm horizontally and 10 cm vertically. The ArcGIS Survey123 application was linked to Fenstermaker's database, allowing field crews to access features like assigned/completed survey points, bridge and culvert evaluation forms, image uploading, field hazard alerts, and access issues. Engineers were able to view progress and approve cross section relocations remotely and efficiently.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
02/2024 (estimated)	\$12,698,671	\$12,698,671

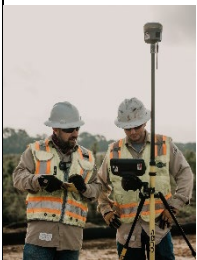
PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>JELA Trail Improvements at Barataria Jefferson Parish, LA</b></p> <p>Stantec  Tom Cancienne, P.E.  (504) 654-1726  Thomas.cancienne@stantec.com  1340 Poydras Street  Suite 1420  New Orleans, LA 70122</p>	<p>Fenstermaker, a subconsultant to Stantec Consulting Services, conducted topographic surveys at the Barataria Nature Preserve to repair 4 boardwalk and hardened trails damaged by hurricanes Zeta and Ida. The project involved demolition and replacement of boardwalks, raising hardened trail and boardwalk elevations, and moving the Bayou Coquille trail approximately 100 feet. The survey used mobile LiDAR technology to map site conditions, including contract staging/laydown areas, access routes, and trails. Fenstermaker also collected data on trees with trunks 6 inches in diameter or more and at breast height. Additionally, Fenstermaker provided utility mapping, searching public information, and tying in utility markings. The project included AutoCAD 2018 DWG files, PDF drawing sheets, shape files, and a GIS ArcMAP 10.7, showcasing the project's progress.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
05/2023 (actual)	\$32,000	\$27,804

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

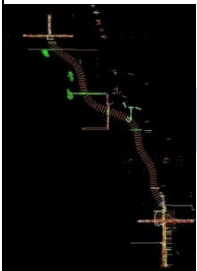
Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
N/A		

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

**C. H. Fenstermaker & Associates L.L.C., (Fenstermaker)**, is a multi- disciplinary consulting firm specializing in Survey & Mapping, Engineering Design, and Environmental services. Fenstermaker's team of licensed surveyors, survey project managers, field crews, technicians, and GIS specialists have developed into one of the most skilled organizations working in coastal Louisiana. Our Survey Team has a documented reputation for successfully completing survey projects on time, safely, and within budget. With office locations in New Orleans, Baton Rouge, Lafayette, Lake Charles, Mandeville, and Shreveport, the Fenstermaker is committed to exceptional customer service.



With over 73 years of providing survey and mapping services throughout Louisiana, Fenstermaker is a leading consulting firm staffed by experienced personnel with extensive experience in LIDAR, photogrammetry, Multibeam, subsidence surveys, unmanned aerial vehicles (UAV/Drone), geophysical surveys, property/boundary/ROW/servitude surveys, construction related surveys, and subsurface utility engineering surveys. Our surveying capabilities and services include:



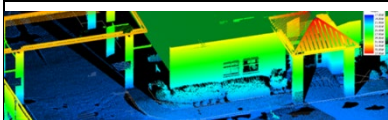
**Topographic Surveying** Fenstermaker can provide a comprehensive range of surveying and mapping services utilizing a variety of remote sensing and conventional survey tools and methods. Much of our recent work includes survey transects along the Gulf shoreline, local topographic and volumetric surveys for use in engineering design of civil engineering and coastal restoration projects, subsidence surveys, and surveys of bankline and existing topographical features. Depending on a project's needs, our Survey Team uses two possible methodologies: point-based surveying or feature-based surveying.



**Bathymetric and Hydrographic Surveying** Fenstermaker uses the latest field data acquisition equipment and techniques available to determine shoreline contours and depths of rivers, lakes, streams, coastal waters, and other bodies of water within a project area. Bathymetric surveys record all water depths and tide variations, including high water elevations. Using sophisticated GPS, RTK coupled with single-beam and multi-beam echo sounding equipment, our Survey Team delivers accurate, full color 3D surface models of project areas.



**Property and Right-of-Way Surveys** Survey and GIS professionals work together to ensure success when Fenstermaker conducts large boundary survey projects. Land title records are researched and reviewed for "mappable" descriptions. Each title boundary is mapped and overlaid on the Public Land Survey grid of the area. The boundaries and land rights are georeferenced and overlaid on digital aerial images using the suite of ESRI software. Combining the multiple sources of data allows the Fenstermaker surveyor to assess the boundary locations and observe potential boundary issues.

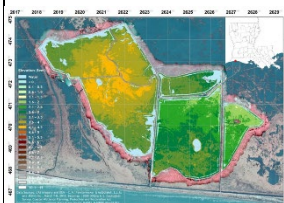


**3D Laser Scanning** Fenstermaker uses the latest high-definition laser scanners, precision total stations, and powerful modeling and point cloud software to provide comprehensive as-built surveys, intelligent 3D CAD models, and detailed 2D isometric

pool drawings. With millimeter accuracy, multiple scan locations (combined by targeted workflows) create 3D point clouds capable of generating a host of intelligent deliverables: virtual walkthroughs, interference detection, Trueviews, containment analysis, 3D modeling, demolition plans, critical move planning, quantity takeoff, vessel deformation analysis, and spool drawings. We can successfully assist in data collection as well as intelligent modeling.



**Underwater Acoustic Imaging (UA)** Fenstermaker's high-definition Underwater Acoustic Imaging (UAI) systems provide efficient, accurate, and comprehensive inspections of underwater components. Utilizing an integrated remote sensing platform, this advanced technology can be used as an alternative or complement to traditional approaches. Data collection is more efficient, accurate, safer, and reliable when defining existing conditions and assessing potential repair objectives. Our expert team has decades of combined experience in underwater imaging and measurement systems, which allows us to provide unparalleled expertise in acoustic applications, data collection, analysis, and interpretation.



**Unmanned Aerial Vehicle (UAV) Photogrammetry** Using the latest technologies to deliver the best project solutions our clients, Fenstermaker's Survey and Mapping team offers specialized services to get the job done. Integrating UAV technology has changed the landscape of project documentation and management. Our clients are thrilled with the results as they see their project deliverables taken to the next level. Multiple aerial platforms give us the advantage of selecting the right tools to deliver the most logical solutions for your projects. This can save both

time and money. The addition of drone technology to arsenal of services, means more choices for optimum project efficiency and top-quality deliverables.

### Professional training and experience in relation to the type of work required for surveying services

Fenstermaker's staff of highly qualified professionals can provide Jefferson Parish with the necessary knowledge and experience required to assist with this contract. With 73 years of surveying, engineering, and environmental experience in south Louisiana, Fenstermaker maintains a unique understanding of these types of projects and their relation to the Parish's current and future infrastructure needs. Fenstermaker's core team for this Jefferson Parish contract include:



Travis Bodin, MBA, PLS, PMP, is Fenstermaker's Vice President for our Survey and Mapping group. Mr. Bodin will serve as the **Principal** for this contract. He has been a **Professional Land Surveyor** licensed in Louisiana since 2011. His responsibilities at Fenstermaker have included the management of surveying/ROW services, utility relocation coordination, coordinating with parish, state, and federal agencies and sub-consultants, cost estimating, scoping, scheduling and planning, resource management, and construction management services.



Bradford Millett, PLS, EI, is a **Professional Land Surveyor** registered in Louisiana. She will serve as the **Professional in Charge** for Jefferson Parish's survey projects. Ms. Millett's responsibilities consist of field crew coordination, data collection and processing, preliminary layout and design of boundary and right of way plats, ALTA surveys, and the Development and Planning subdivision platting process. Her experience also includes project management as well as public meetings, client relations, utility coordination, and other components associated with surveying services.





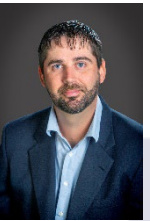
Chris Harlan, PLS, EI, is a **Professional Land Surveyor** registered in Louisiana, Alabama, and Florida. At Fenstermaker, he is responsible for assisting with estimating and preparing proposals, developing a scope of work for the survey crews, ensuring that the field work performed meet the needs of the clients, preparing the required drawings, and ensuring that the final product meets the needs of the client.



Justin Bordelon, PLS, is a **Professional Land Surveyor** registered in Louisiana. Mr. Bordelon currently coordinates and supervises activities of field and office personnel for remote sensing projects. He also acts as Project Manager and assists in pre-project planning and post data collection analysis. Additionally, he is responsible for client interaction and coordination. Mr. Bordelon is Manager in the Advanced Technologies group and frequently works with the bathymetric and hydrographic, UAV, and UAI field crews to collect essential data for client projects.



Joe Broussard is a survey technician with extensive experience in both coastal restoration and underwater acoustic and bathymetric survey operations. He acts as a lead technician in data collection activities for all underwater surveys and has expertise in operating a variety of surveying systems, including the Leica 1" Robotic Total Stations, high-speed terrestrial laser scanning systems, RTK-GPS Systems, underwater acoustic imaging sonar/profilers, side scan sonar, multi-beam systems, single beam echosounders, and pipeline location devices.



Lance Fontenot is a lead Unmanned Aerial System (UAS) and High-Definition Scanning (HDS) / Dimensional Control survey technician and oversees all field HDS/DC operations for projects to ensure that QA/QC guidelines and procedures are being followed. He also provides the day-to-day technical guidance and has final say in submission of all data to project managers. Mr. Fontenot has performed UAV Surveys, HDS Scanning, Dimensional Control support, Boundary/Right-of-Way, Pipeline, Topographic, Roadway, Construction, Oil & Gas, Geodetic, Hazard, and Accident Surveys primarily across the Gulf Coast Area.



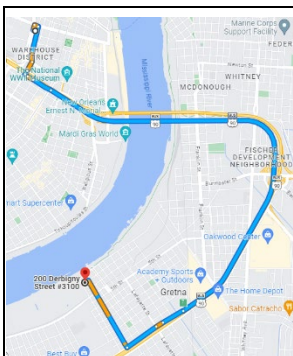
Brett Dufour is responsible for processing RTK field data, preparing plat information, and assembling pre-survey data for all services provided by the Advanced Technologies Division. Mr. Dufour is proficient in all data processing aspects of high-definition laser scan survey, dimensional control surveys, topographic surveys, hydrographic surveys, route surveys, subsidence surveys, geodetic control surveys, hazard surveys, and boundary surveys. He is familiar with traditional survey methods as well as the latest, most current technologies, including Underwater Acoustic Imaging (UAI) and High-Definition Surveying (HDS) and Dimensional Control (DC).

The resumes included in this TEC questionnaire show the scope and breadth of the experience that our core team has acquired on numerous projects for public and private clients.



#### **Fenstermaker's capacity for timely completion of newly assigned work**

The Survey and Mapping group is fully capable of completing newly assigned work on time and within budget. With 22 field crews ready and organized, Fenstermaker can respond to contract assignments quickly and work efficiently with the Parish to complete all needed tasks. Our experienced office support personnel will work with project managers and field crews to prepare and submit deliverables as needed and on time. Fenstermaker has a long history of successful project management and understands the importance of timely project completion and cost control on municipal and parish projects. Our project managers, surveyors, and support staff perform quality work in a timely and professional manner.



### Location of Fenstermaker's Principal office where work will be performed

The principal office for this contract is in Orleans Parish, LA at 1100 Poydras, Suite 1550, New Orleans, LA 70163. This office is approximately 6.3 miles away from Jefferson's Parish Main Office located in Gretna, Louisiana.

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

Fenstermaker has never been engaged in any legal proceedings with Jefferson Parish.

### Prior successful completion of projects requiring survey services for which firm has provided verifiable references

As shown in our project examples within this questionnaire, Fenstermaker has performed surveying services on a multitude of public contracts for municipal clients, along with services for private companies operating in Louisiana and Texas. The best measure of our work quality performed is shown by our repeat clients over the past seven decades. We encourage Jefferson Parish Government to contact the following client references to learn more about our services and capabilities:

Name	Position/Title	Organization	Phone
Matthew Morris, P.E.	Project Manager	Calcasieu Parish Police Jury	(337) 721-4100
Alison Granger	Electrical Engineering Aide Specialist II, Right of Way Agent	Lafayette Utilities System	(337) 210-4695
Larry Richard	Parish President	Iberia Parish Government	(337) 365-8246
Charlotte Clavier	Mayor	City of Carencro	(337) 234-2382
Chris Gilmore	Director of Engineering	Port of New Orleans	(504) 528-3305
Billy Williamson, P.E.	Statewide Flood and Watershed Evaluation Programs Administrator	Louisiana Department of Transportation and Development	(225) 379-3023
Michelle Gonzales	Director, Ecosystem and Coastal Management	Jefferson Parish Government	(504) 736-6719
Roger Colwell	GIS Manager	Southeast LA Flood Protection Authority	(504) 286-3106

### Size of firm

Across our offices in Louisiana and Texas, Fenstermaker's Survey and Mapping group includes 14 professional land surveyors, two (2) survey technicians, three (3) field coordinators, 19 instrumentmen, 25 party chiefs, and two (2) training coordinators. They are supported by a team of talented and administrative and support staff. Fenstermaker employs approximately 270 staff members including civil engineers, environmental specialists, GIS services specialists, remote sensing specialists, and others who serve in key roles needed to complete projects successfully.

### Past performance by a person or firm on Parish contracts

Fenstermaker is currently providing services to the Parish as a prime consultant for Jefferson Parish Technical Assistance. Fenstermaker is providing grants services for grant application development, preparation of support documentation, and benefit cost analyses (BCA) for the Building Resilient Infrastructure and Communities (BRIC) and Hazard Mitigation Grant (HMGP) programs. Ms. Michelle Gonzales is the Jefferson Parish contact for this project.

In February of 2023, Jefferson Parish awarded Fenstermaker the contract to provide consulting services for Hazard Mitigation Assistance Application Development and Grant Management Services. Ms. Michelle Gonzales is the Jefferson Parish contact for this project.

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

Signature: Angelle Guilbeau Print Name: Angelle Guilbeau

Title: Chief Administrative Officer Date: August 11, 2023



Jefferson  
Parish  
State of Louisiana