

## **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:

Jefferson Parish Government  
SOQ No. 24-015 Routine Engineering Services for Drainage Projects  
Resolution No. 144201

### 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:

Jeanne Hornsby, M.S., P.E., CFM, Engineering Director  
135 Regency Square  
Lafayette, LA 70508  
(337) 237-2200; jeanne@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.

Jeanne Hornsby, M.S., P.E., CFM, Engineering Director  
135 Regency Square  
Lafayette, LA 70508  
(337) 237-2200; jeanne@fenstermaker.com

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

<u>29</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>0</u> Graduate Engineers
<u>25</u> Civil Engineers	<u>0</u> Interior Designers	<u>20</u> Project Managers
<u>9</u> Construction Inspectors	<u>0</u> Landscape Architects	<u>7</u> Clerical
<u>10</u> Ecologists	<u>38</u> Land Surveyor (field crew)	<u>0</u> Grant/Funding Specialist
<u>0</u> Electrical Engineers	<u>0</u> Mechanical Engineers	<u>0</u> Sanitary Engineers
<u>12</u> Engineer Intern	<u>0</u> Environmental Engineers	<u>  </u> Land Surveyors
<u>13</u> Professional Land Surveyors	<u>4</u> CADD Technicians	<u>36</u> Other Survey Staff
		<u>14</u> Other Staff
		<u>217</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):
N/A		

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

8

## 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:**

Jeanne Hornsby, M.S., P.E., CFM – Director, Engineer

**Project Assignment:**

Professional in Charge

**Name of Firm with which associated:**

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

**Years' experience with this Firm:**

20 Year

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

M.S. / 2005 / Hydraulics and Environmental Engineering

B.S. / 2007 / Civil Engineering

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

2011 / Louisiana PE #0036717

2021 / Certified Floodplain Manager No. US-19-10976

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

**Ms. Hornsby** is an Engineering Director at Fenstermaker with 18 years of engineering, project management, and quality control experience. Her main responsibilities include managing, designing, and completing quality control on multi-million-dollar projects that range from roadway design and construction to coastal and storm water management for both the public and private sectors. Ms. Hornsby currently leads Fenstermaker's Water Resources Team and her expertise has developed through the successful completion of numerous numerical modeling analyses, roadway drainage designs, and stormwater master plans in Louisiana, Texas, and Florida. She has also worked closely with the LADOTD on roadway design projects and Environmental Impact Statements. This expertise and experience have made Ms. Hornsby a qualified quality control manager. She has held this role on various projects and has completed quality reviews for agencies, including Calcasieu Parish Police Jury, Lafayette Consolidated Government, CPRA, LADOTD, City of Scott, and City of Carencro. Ms. Hornsby was instrumental in generating the current quality control process for Fenstermaker's engineering division. Software & Training: Ms. Hornsby is well versed in a variety of hydrologic and hydraulic software and applications including the USACE HEC suite (HEC-HMS, HEC-RAS, HEC-DSS, HEC-METVUE, HEC-FIA), LADOTD HYDRWIN Software, Danish Hydraulic Institute (DHI) MIKE Suite, and accompanying GIS applications. Ms. Hornsby is a certified floodplain manager.

**LCG 2020 Drainage Master Plan, Phase 1: Drainage Maintenance Program (Lafayette Parish, LA) Technical Advisor & Engineer:** Fenstermaker has been contracted to develop proactive drainage maintenance program. The project includes completing an inventory of the City's drainage staffing levels, equipment, and funding requirements; holding workshops with Parish Staff from maintenance, public works, finance, and civil service to review process and procedures; developing crew, equipment, and contracting options to reduce Requests for Services from an 18-month backlog to four months; prioritizing proactive drainage maintenance for roadside ditches, subsurface drainage, and laterals to reduce service request response time; creating a Story Map for all drainage information in which this webpage will include informative information as well as the capability to track ongoing and future project status. Ms. Hornsby worked with the Parish to develop a maintenance plan and prioritization.

## TEC Professional Services Questionnaire

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

**Jeanne Hornsby, M.S., P.E., CFM**

**Andre Street Drainage – City of Carencro (Lafayette Parish, LA)** Ms. Hornsby was responsible for preparing a hydraulic analysis based upon an existing FEMA HEC-RAS model for this GOHSEP HMGP funded project. The structural integrity of the Beau Bassin coulee near Andre Street was threatened by severe erosion, causing property loss and damage to buildings and fences in the surrounding area. It was determined that the proposed trapezoidal concrete and articulated block matting-lined channel would cause a decrease in water surface elevation and protect against future erosion. Ms. Hornsby aided in the application and securing federal funding from FEMA's HMGP program because of the nearly 500-year storm event in 2012.

**Calcasieu Parish Regional (HUC 8) Watershed Modeling & Planning (Calcasieu Parish, LA)** Ms. Hornsby is the lead client contact, project manager, and lead hydraulic modeler directly responsible for all aspects of the project including developing one- and two-dimensional watershed models (Using HEC-HMS and HEC-RAS), developing future planned conditions, developing floodplain and watershed management ordinances, evaluating mitigation projects utilizing the Deltares Dynamic Adaptive Pathways and Policies (DAPP) process, completing a detailed hydraulic inventory, updating their flood alert system, generating a drainage report card, and conducting all public and agency meetings.

**City of Scott Drainage Improvement Plan (Lafayette Parish, LA)** Ms. Hornsby served as the principal-in-charge to develop the Drainage Improvement Plan for the City of Scott to be used as an adaptive document that is to be utilized as a resource for day-to-day activities. Fenstermaker was contracted to provide the following services: update the city's drainage inventory, prioritizing channel clearing/grading, identifying channel modifications/increase capacity, prioritizing ditch cleaning, prioritizing bridge replacements and upgrades, identifying cross drain, storm sewer, and detention facility maintenance and upgrades, open space identification, and finally capital improvement projects. Fenstermaker identified funding sources including HMGP, CDBG, DOTD, and USACE for implementation of proposed projects. Ms. Hornsby has aided in securing approximately \$3.5 million in funding through HMGP.


**LaDOTD Contract No. 4400017090 Louisiana Watershed Initiative Region 4 (De Soto, Sabine, Vernon, Rapides, Beauregard, Allen, Jefferson Davis, Calcasieu, and Cameron Parishes)** Ms. Hornsby is serving as the Lead Hydrologic & Hydraulic Engineer 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. Ms. Hornsby is responsible for the oversight of all hydrologic and hydraulic tasks, data collection, model development, and engineering to successfully complete an interactive, usable, and manageable hydraulic and hydrologic Region 4. 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.

**Ile des Cannes Watershed Study (HUC 10) & Physical Map Revision (Lafayette Parish, LA)** Fenstermaker was contracted to develop a hydrologic and hydraulic numerical model and map the flood zones and floodways of the Ile des Cannes Watershed. Ms. Hornsby developed an unsteady HEC-RAS model, calibrated and validated the model using data collected from two storm events, then used the model to determine the 100-year flood extents. She assisted in the preparation of the Letter of Map Revision (LOMR) submittal to FEMA resulting in a Physical Map Revision that impacted 11 Flood Insurance Rate Maps panels. This effort is estimated to be the largest LOMR prepared in the U.S.

**FEMA Model Analysis and Review; FEMA Community Rating System (CRS) Management (Lafayette Parish, LA)** Fenstermaker has been working with the Lafayette Consolidated Government, as well as the Cities of Scott and Carencro, to finalize the Lafayette Parish FEMA flood maps. Ms. Hornsby assisted in the review of the preliminary FEMA flood maps and models, the completion of the field investigation and structure inventory, and the development of the FEMA appeals. Ms. Hornsby also reviewed FEMA's response and adjustments to the models and maps based on the appeal.



## TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
<b>Name &amp; Title:</b>	Mallory Rodrigue, M.S., P.E.
<b>Project Assignment:</b>	Engineer
<b>Name of Firm with which associated:</b>	C. H. Fenstermaker & Associates, L.L.C.
<b>Years' experience with this Firm:</b>	7 Year (13 total)
<b>Education: Degree(s)/Year/Specialization:</b>	B.S. / 2008 / Civil & Environmental Engineering M.S. / 2010 / Civil & Environmental Engineering – Hydraulic Engineering
<b>Active registration: Year first registered/discipline:</b>	2023 / Louisiana PE #38168
<b>Other experience and qualifications relevant to the proposed Project:</b>	
	<p><b>Mallory Rodrigue, M.S., P.E.</b>, is Professional Engineer specializing in hydraulics and hydrology for the Water Resources Group of the Engineering Division. She has experience with project management, numerical modeling, drainage design, roadway design, civil site design, permitting, and the analysis of riverine, estuarine, and coastal systems. She has gathered field data, developed hydrologic, hydraulic, and ecologic numerical models, helped numerically analyze natural and man-made drainage systems, designed open-channel and sub-surface drainage features, designed aggregate roads and berms, provided flood-proofing and drainage design recommendations, and obtained permits from various agencies. Ms. Rodrigue studied river hydrodynamics, including the effects of relative sea level rise, channel modifications, and proposed freshwater diversions, while working on her master's degree. She is proficient in MS Office Suite, Berkeley Madonna, Fortran, HEC-RAS, HEC-GeoRAS, HEC-HMS, HEC-GeoHMS, ArcHydro, ArcGIS, HYDRWIN, EPA SWMM, and MicroStation (including InRoads &amp; AutoTURN). She has experience with drafting reports and journal articles, and she participates in the creation of proposals for various upcoming projects.</p> <p><b>CNO Central City Street Repair (Orleans Parish, LA)</b> Fenstermaker provided baseline and topographic survey, roadway design, and construction administration services for the repair of streets in the Central City neighborhood. Fenstermaker's scope included assessing existing street conditions for ADA compliance, accessibility, and provision for pedestrians and designing any needed repairs. Deliverables included topographic survey data, plan and profile sheets, typical sections, cross sections, and a report of proposed repairs. Ms. Rodrigue's main responsibilities on the project included creating and updating maps and tables for field visits, adjusting photos in GIS, and reconciling field photos with GPS coordinates. She also created new shapefiles for various streets and communicated with team members and clients regarding the project. Additionally, she prepared progress maps for invoices and meetings, delineated waterlines, and identified items to include in tables for field visits.</p> <p><b>Louisiana Watershed Initiative Region 4 (De Soto, Sabine, Vernon, Rapides, Beauregard, Allen, Jefferson Davis, Calcasieu, and Cameron Parishes)</b> 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. Rodrigue was responsible for the 1D and 2D modeling and analysis of the Upper Calcasieu watershed.</p>

## TEC Professional Services Questionnaire

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

**Mallory Rodrigue, M.S., P.E.**

**France Road Drainage Study – Port of New Orleans (New Orleans, LA)** France Road is an asphalt roadway that serves an industrial area along the Inner Harbor Navigational Canal in New Orleans, LA. The roadway itself had not been resurfaced since the 60's/70's, and therefore had several small-to-very large (> 9') potholes and other miscellaneous cracking throughout. Additionally, the roadside ditches held water for days to weeks at a time after rain events. Ms. Rodrigue was tasked with investigating the drainage features of the roadway and making recommendations for potential improvements. She performed multiple site visits, collected and reviewed existing data and plans, and drafted a final report. Her recommendations included performing additional site investigations by geotechnical engineers, surveyors, and a diving crew (to identify the outfalls and assess their condition), replacing existing and missing drainage features (broken or missing catch basins and corroded or missing culverts), and resurfacing or replacing the roadway to accommodate the existing and future traffic loads. Her report was submitted to the Engineering Department and a road resurfacing and drainage project was undertaken in 2018.


**City of Scott Drainage (Lafayette Parish, LA)** Fenstermaker is on retainer to the City of Scot for professional engineering and surveying services. Services provided under this retainer include ordinance reviews, National Flood Insurance reviews, Community Rating System reviews, and support for the creation and updating of the Parish's master plans. These plans include the City of Scott Drainage Improvement Plan. Ms. Rodrigue collected permit data from 2008 to 2012 for the City of Scott. This data was used in several plans and reports prepared for the City. She also reviewed reports.

**Ile des Cannes Watershed Study (HUC 10) & Physical Map Revision (Lafayette Parish, LA)** Fenstermaker was contracted to develop a hydrologic and hydraulic numerical model and map the flood zones and floodways of the Ile de Cannes Watershed. Ms. Rodrigue assisted with the development of an unsteady HEC-RAS model, calibration and validation of the model using data collected from two different storm events, and then using the model to determine the 100-year flood extents. She also assisted in the preparation of the Letter of Map Revision (LOMR) submittal to FEMA which resulted in a Physical Map Revision (PMR) that impacted 11 Flood Insurance Rate Maps (FIRM) panels. This effort is estimated to be the largest LOMR prepared in the U.S.

**Louisiana's 2012 Coastal Master Plan (Southwest Coastal Parishes, LA)** The CPRA updates their Coastal Master Plan every 5 years. For the 2012 Plan, they collected a comprehensive team of experts to develop state-of-the-art numerical models to predict the change in Coastal Louisiana under different future scenarios. Mrs. Rodrigue worked as the Water Quality Modeler for the Eco-Hydrology model of the Chenier Plain. Her model, along with an Atchafalaya Basin model and Pontchartrain/Barataria Basin model make up the entire Eco-Hydrologic model, which acted as the starting point for the sequential modeling effort of the 2012 Coastal Master Plan. Mrs. Rodrigue developed the water quality formulations and debugged the hydrology formulations for the Chenier Plain model. Her model predicts stage, temperature, salinity, and multiple water quality constituents, including algae, nitrogen, and sediment. Her model can also estimate the effects of marsh creation, salinity control structures, and hydrologic restoration efforts.

**Louisiana's 2017 Coastal Master Plan (Southwest Coastal Parishes, LA)** The CPRA updates their Coastal Master Plan every 5 years. As the Project Manager for the 2017 Plan, Ms. Rodrigue was requested by the Coastal Protection and Restoration Authority (CPRA) via the Water Institute of the Gulf to oversee the creation of a new domain, to test and debug the new Python/Fortran code, to calibrate the stage and salinity, to participate in several sensitivity and uncertainty analyses, and to perform a number of production simulations to inform the CPRA of the effects of proposed restoration and protection projects in the Chenier Plain. Ms. Rodrigue was also responsible for overseeing the Pontchartrain-Barataria Basin compartment revisions, the testing and debugging of the new Python/Fortran code, the stage and salinity calibration, the sensitivity and uncertainty analyses, and the production simulations that informed the CPRA of the effects of proposed restoration and protection projects in the Pontchartrain-Barataria Basin. She also contributed to sections of the final report.

## TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
<b>Name &amp; Title:</b>	
Austin Doucet, P.E.	
<b>Project Assignment:</b>	
Engineer	
<b>Name of Firm with which associated:</b>	
C. H. Fenstermaker & Associates, L.L.C.	
<b>Years' experience with this Firm:</b>	
7 Year	
<b>Education: Degree(s)/Year/Specialization:</b>	
B.S. / 2019 / Civil Engineering	
<b>Active registration: Year first registered/discipline:</b>	
2024 / Louisiana PE #48642	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
	<p><b>Austin Doucet, P.E.</b>, is a professional engineer with experience in consulting engineering services. He has been involved in reviewing flood study analyses, the designing of drainage systems (open channel and subsurface) and assisting in the development of hydrologic and hydraulic numerical models.</p> <p><b>Louisiana Watershed Initiative Region 4 (De Soto, Sabine, Vernon, Rapides, Beauregard, Allen, Jefferson Davis, Calcasieu, and Cameron Parishes)</b> The Louisiana Watershed Initiative is an unprecedented project that will manage the future flood risk in the State of Louisiana through watershed-based solutions. For Region 4, Fenstermaker is performing hydrologic and hydraulic tasks, data collection, model development, and engineering to successfully complete an interactive, usable, and manageable hydraulic and hydrologic of the region. 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. Mr. Doucet's responsibilities included drafting basin delineations, coordinating all RAS work with subconsultants, performing quality control on all draft deliverables, coordinating the HMS model setup, cross section layouts, and other tasks requiring coordination and communication among LADOTD, Fenstermaker, and subconsultants. Mr. Doucet was also instrumental in performing and reviewing all modeling for Region 4.</p> <p><b>Perrin Ferry Road Improvements (Livingston Parish, LA)</b> The project will raise the elevation along the segment of Perrin Ferry Road to provide ingress and egress for the residents along the roadway during large rain events. For this project, Mr. Doucet delineated basins and created terrain for the RAS model and ran the HMS model for a 100-year storm event.</p> <p><b>Lafayette Parish FEMA Model Analysis and Review; FEMA Community Rating System (CRS) Management (Lafayette Parish, LA)</b> Fenstermaker has been working with the Lafayette Consolidated Government, as well as the Cities of Scott and Carencro, to finalize the Lafayette Parish FEMA flood maps. Mr. Doucet's tasks included scanning and organizing elevation certificates, drainage reports, and other related documents for the City of Scott. He also traced all water bodies in the city of Scott in Microstation and edited the City of Scott Drainage and Maintenance Improvement Plan for its CRS renewal. Furthermore, Mr. Doucet compared Scott's and LCG's ordinances, noted differences, and updated Scott's ordinance where needed.</p>



## TEC Professional Services Questionnaire

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

**Austin Doucet, P.E.**

**Calcasieu Parish Regional (HUC 8) Watershed Modeling and Planning (Calcasieu Parish, LA)** Mr. Doucet assisted with the Stormwater Master Plan developed for Calcasieu Parish. His main responsibilities included data collection and inventory, hydrologic and hydraulic numerical modeling, creating a Drainage Infrastructure Watershed Report Card, and Master Plan Development, Implementation and Monitoring. He is assisting with the development of hydrologic and hydraulic models which will be used to analyze the current and future flood risk and vulnerability of the Parish, and to determine the effectiveness of proposed drainage

**City of Scott Drainage Improvement Plan (Lafayette Parish, LA)** This project consisted of collecting inventory of all drainage infrastructure within the City limits and evaluating them based on several metrics for condition of the infrastructure. This project also required hydrologic and hydraulic modeling throughout the City to evaluate the infrastructure based on hydraulic capacity as well. Mr. Doucet. Assisted with developing the plan's report card, preparing exhibits for public meetings, performing QC of drainage improvement plan models, and reviewing and revising the ESRI Story Map.


**Street Level Drainage Projects Phases 1 & 2 (Calcasieu Parish, LA)** For the 2018 and 2019 projects, Fenstermaker provided engineering design for the repair and replacement of the existing street-level storm drainage system on 36 roadways located in the Parish's Wards 1, 2, 3, 4, and 8. Fenstermaker's responsibilities included design and constructability review, bidding and contracting, construction administration, construction close-out, and agency/utility coordination. Mr. Doucet was responsible for utility coordination tasks, drainage design review and submittals, and construction punch list inspections.

**Green Pond Gully Watershed Analysis (Jefferson County, TX)** There was concern with the existing drainage patterns within the Green Pond Gully Watershed about whether the drainage control dam, levees, and hydraulic structures north of FM 365 near the conservation area are having an impact on these drainage patterns. As a sub-consultant to Fitz & Shipman, Inc., Fenstermaker provided hydrologic and hydraulic modeling services in two phases. During the first phase, Fenstermaker evaluated historic data and assessed the base-level engineering. Mr. Doucet reviewed the available LiDAR data, set up the 2D RAS model, drafted the technical memorandum, and prepared information for meetings with clients. He also assisted with project management tasks such as invoicing and coordinating deliverables.

**Coulee Ile des Cannes L8C Regional Detention Facilities (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. Doucet coordinated the plan production, H&H model development, the NEPA categorical exclusion (CATEX), the culvert design, dual pipes design, and the drainage servitude and utilities survey. He also drafted the project's schedule and list of required deliverables, worked on the Benefit Cost Analysis (BCA), and the USACE 404 permit application. He finalized the H&H model report and the phase one deliverables.

**Ile des Cannes Watershed Study (HUC 10) and Physical Map Revision (Lafayette Parish, LA)** Fenstermaker was contracted through a cooperative agreement between the City of Scott and the Lafayette Consolidated Government (LCG) to develop a hydrologic and hydraulic numerical model and to map the flood zones and floodways of the Ile de Cannes Watershed in Lafayette, Louisiana. Mr. Doucet used Ile des Cannes data to work on the City of Scott's CRS renewal, edited the City's Drainage and Maintenance Improvement Plan, and combined building permits with elevation certificates for the FEMA Model Review portion of the project.

## TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
<b>Name &amp; Title:</b>	
William Katzenmeyer, P.E., CFM - Engineer II	
<b>Project Assignment:</b>	
Engineer	
<b>Name of Firm with which associated:</b>	
C. H. Fenstermaker & Associates, L.L.C.	
<b>Years' experience with this Firm:</b>	
3 Year	
<b>Education: Degree(s)/Year/Specialization:</b>	
B.S. / 2008 / Civil Engineering	
<b>Active registration: Year first registered/discipline:</b>	
2011 / Louisiana PE #0036775 2021 / Certified Floodplain Manager No. US-21-11950	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
	<p><b>William Katzenmeyer, P.E., CFM</b> is a Professional Engineer with over 13 years' experience working in South Louisiana and the New Orleans Metropolitan area. His areas of expertise include project management, design engineering, and FEMA PA disaster grant management. His design engineering experience includes roadway and drainage design, stormwater management including green infrastructure, hydrologic and hydraulic modeling, stormwater and sewer pumping stations, utility design, heavy construction, and site development.</p> <p><b>Louisiana Watershed Initiative (LWI) Applications (Cameron and Lafayette Parishes, LA)</b> Engineer: Mr. Katzenmeyer provided technical assistance in the development of Hydrologic and Hydraulic Modeling reports and Benefit Cost Analysis for proposed property acquisitions in the City of Scott including detailed scope of work, budgetary costs and scheduling for LWI application submittals. Also prepared technical report for Cameron Parish shoreline stabilization work at Little Florida Beach, including observational shoreline erosion rate estimates, Benefit Cost Analysis, and grant application development.</p> <p><b>Multiple HMGP-Funded Channel Improvement Projects (East Baton Rouge Parish, LA)</b> Lead Engineer: Mr. Katzenmeyer is serving as engineering lead for multiple channel improvement projects in the City of Baker (Bozeman Creek, North Canal, and Brushy Bayou) including H&amp;H model development, project scoping and cost reasonableness, grant coordination and plan production.</p> <p><b>Regional Watershed Modeling (Calcasieu Parish, LA)</b> Mr. Katzenmeyer is currently responsible for preparation of 2-Dimensional HEC-RAS regional watershed model for Ward 1 of Calcasieu Parish.</p> <p><b>17th Street Canal Widening Between Hoey's Canal and Airline Drive (Linfield, Hunter, and Junius, Inc.) (Jefferson Parish, LA)</b> Mr. Katzenmeyer was responsible for the preparation of drainage plans and specifications and coordination of structural and roadway design elements into the project plans and specifications, including engineering, drafting, cost estimation and bid phase support activities. The project consisted of the construction of approximately 700 liner feet of a ten (10) foot high pile-supported concrete floodwall, 750 linear feet of a two (2) foot high retaining wall, pile-supported concrete slope paving, removal of existing timber canal bottom and slope paving, reconstruction of concrete roadway, and performing other incidental construction.</p>

## TEC Professional Services Questionnaire

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

**William Katzenmeyer, P.E., CFM**

**City Barn Pump Station Drainage Improvements (HMGP Project Number 1603-0321) (Stuart Consulting Group) (St. Tammany Parish, LA)** Mr. Katzenmeyer provided technical assistance to the Project Management team during the design of the City Barn Pump Station Project, including technical review of preliminary design submittals, and strategic planning for Environmental and Historic Preservation permitting, which resulted in a Finding of No Significant Impact for the proposed scope of work and design alternatives. The Project scope included the installation of larger pumps within the existing pumping station footprint, new discharge piping, and an additional 2,000-gallon elevated diesel storage tank.

**OSP-03 Perimeter Protection for Carrollton Water Treatment Plant-Power Complex (Orleans Parish, LA)** Civil Engineer responsible for report phase investigations and conceptual layout, report preparation, cost estimates, preliminary hydraulic investigations, and MicroStation CADD Drafting. Also responsible for preliminary hydraulic design of drainage system alternatives and stormwater/sewer pumping station sizing and siting. This project evaluated various levee (berm) and floodwall alignments for the mitigation of potential flood hazard to the facility's operation. This facility encountered significant flooding after Hurricane Katrina that impacted the availability of drinking water and fire protection across the entire east bank of Orleans Parish, as well as power generation facilities which were critical for the operation of drainage pump and sewage treatment infrastructure across the entire parish. Various alignments and project scopes were evaluated for protection of various power generation facilities as well as design alternatives which would also protect the integrity of the water treatment system and/or maintain pumping and fire protection abilities in a similar disaster.


**Dillard University Improvements, Orleans Parish, LA:** Mr. Katzenmeyer was the civil engineer responsible for preparing plans and specifications for multiple utility and drainage projects. Dillard University selected LH&J to design multiple infrastructure projects including improvement of the campus-wide drainage facilities, roadways, parks, bioswales, and the construction of low-impact design pervious parking lots for LEED certification. Additional projects included multiple building utility site plans, lift station improvements, 12" waterline improvements for fire services to new buildings. Mr. Katzenmeyer provided a gamut of consulting, scoping, design, bidding, and construction management services.

**Cuddihy Drive and Woodvine Avenue Drainage Improvements, Jefferson Parish, LA:** Mr. Katzenmeyer was the civil engineer responsible for the engineering design and preparing of plans and specifications, bidding, and construction management. The project consisted of upgrading the subsurface drainage system along the length of Cuddihy Drive and a part of Woodvine Avenue and full reconstruction of roadway and drainage and utility infrastructure within the public right of way. The goal of the project was to mitigate frequent roadway flooding events which were being caused by long-term differential settlement of the subgrade materials and substandard drainage infrastructure.

**Phase 1 H&H Analysis and Final Design for Multiple Projects: River Road, Skinner Drive and David Drive Drainage Improvements (HMGP) (Quality Engineering & Surveying, LLC) (Tangipahoa Parish, LA)** Mr. Katzenmeyer performed all Phase I HMGP activities consisting of Hydrologic and Hydraulic investigations, Modeling, FEMA Benefit Cost Analysis and Preparation of Final Plans and Specification, totaling more than \$7M in total project costs. Scope of work for drainage improvements included channelization and scour protection for over 2 miles of existing channels, upgrading culvert structures and installation of subsurface drainage in existing subdivisions to mitigate flood hazards.

**Bayou Conway Pumping Station - Phase II HMGP H&H Study - Quality Engineering & Surveying, LLC (Ascension Parish, LA)** Mr. Katzenmeyer was responsible for authoring the Phase II H&H Study for this HMGP project that involved the installation of a second pumping station structure at Bayou Conway in Sorrento, LA, totaling 700CFS additional capacity. The watershed modeling and hydraulic analysis also included preparation of the benefit cost analysis (BCA).

## TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
<b>Name &amp; Title:</b>	Brooke Newlin, P.E., CFM - Engineer
<b>Project Assignment:</b>	Engineer
<b>Name of Firm with which associated:</b>	C. H. Fenstermaker & Associates, L.L.C.
<b>Years' experience with this Firm:</b>	5 Year
<b>Education: Degree(s)/Year/Specialization:</b>	B.S. / 2018 / Civil Engineering
<b>Active registration: Year first registered/discipline:</b>	2023 / Louisiana PE #47837 2021 / Certified Floodplain Manager No. US-21-120009
<b>Other experience and qualifications relevant to the proposed Project:</b>	
	<p><b>Brooke Newlin</b> is a professional engineer registered in the state of Louisiana and a certified floodplain manager (CFM). Her main responsibilities include developing numerical models for the Calcasieu Parish Regional Watershed Master Plan and contributing to drainage projects for several Parishes and municipalities. Ms. Newlin developed a GIS website that is used to present the Calcasieu Parish Watershed Master Plan drainage information to the public through visual mapping tools. She also assists with hydrologic and hydraulic model analyses, developing future planned conditions, floodplain mapping, and reviewing repetitive loss locations. Ms. Newlin is proficient in the suite of USACE HEC software and Geographic Information System (GIS) mapping. In addition, she has experience in other modeling, mapping, and visualization software including ArcGIS, 3D Analyst, Spatial Analyst, and Microstation. She has recently completed formal HEC-RAS 2D training through West Consultants. Ms. Newlin has proficient experience in the use of the following software and services: HEC-HMS, HEC-RAS, HEC-WAT, and reviewing flood ordinances.</p> <p><b>Louisiana Watershed Initiative Region 4 (De Soto, Sabine, Vernon, Rapides, Beauregard, Allen, Jefferson Davis, Calcasieu, and Cameron Parishes)</b> The Louisiana Watershed Initiative is an unprecedented project that will manage the future flood risk in the State of Louisiana through watershed-based solutions. For Region 4, Fenstermaker is performing hydrologic and hydraulic tasks, data collection, model development, and engineering to successfully complete an interactive, usable, and manageable hydraulic and hydrologic of the region. 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. Ms. Newlin's responsibilities on the LWI Region 4 project involved various tasks related to data management, model development, and peer review. She downloaded OneRain gauge data. She also provided Calcasieu Parish delineated basins for the Houston River watershed and produced CPPJ Houston River files. Ms. Newlin populated the CPPJ Models and Structures spreadsheet for six of the twelve watersheds developed as a part of the Regional Watershed Planning study and updated the guidance document about cutting cross sections. She updated the RAS Terrain Modification process and developed a terrain modification process for model development. She participated in meetings regarding model setup, terrain modification, 1D2D connection, and peer review. Ms. Newlin reviewed and coordinated peer review comments and inquiry about survey evaluation forms/images for the Lower Calcasieu model and the West Fork Peer 1D model. Additionally, she peer-reviewed the Whiskey Chitto model, reviewed structures in the model, and performed RAS Model Setup quality control (QC).</p>

## TEC Professional Services Questionnaire

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

**Brooke Newlin, P.E., CFM**

**Calcasieu Parish Regional (HUC 8) Watershed Modeling and Planning (Calcasieu Parish, LA)** Ms. Newlin assisted with developing the Calcasieu Parish Watershed Master Plan by providing engineering, modeling, and planning services. Her main responsibilities include developing and analyzing hydrologic and hydraulic models (using HEC-RAS and HEC-HMS), analyzing known flood prone areas and watershed deficiencies, website development, data collection and inventory, developing a Drainage Infrastructure Watershed Report Card. She also developed a website for Calcasieu Parish which will provide the public with easy access to information related to the Watershed Master Plan. The website includes interactive GIS maps and other helpful resources related to the project.

**City of Scott Drainage Improvement Plan (Lafayette Parish, LA)** Ms. Newlin assisted with the development and on-going maintenance of the Drainage Improvement Plan StoryMap. This project determined the City of Scott's channel cleaning prioritization, hydraulic structure renovation, and determination of future drainage related projects. The ArcGIS StoryMap is a website which provides the public with easy access to information related to the Drainage Improvement Plan including interactive GIS maps and other helpful resources related to the project.

**City of Scott Community Rating System (Lafayette Parish, LA)** Ms. Newlin assisted with the quality assurance/quality control review of the 2020 submittal for FEMA's CRS Program. This program provides FEMA with evidence that the City of Scott is actively participating in community activities and programs that go above and beyond the minimum requirements for participation in FEMA's National Flood Insurance Program. She reviewed various submittal documents and confirmed proper documentation was provided for each category.

**Mermentau Inundation Relief (Cameron Parish, LA)** Parishes located within the Mermentau Basin are continually threatened with flooding during significant rainfall events. The Mermentau Basin Inundation Relief project will link existing drainage laterals along La. Hwy. 82 to convey stormwater north of the highway, widen downstream channels, install new gates at the East End Locks and include other drainage features. The project will divert water into surrounding marshes, improve water quality, sustain fish and wildlife habitat, and reduce area flood risk. Ms. Newlin contributed to the development of the 2D modeling by reviewing current datasets to determine the extent of the model and to inform the project's needed survey services. She also digitized channels and structures and evaluated the project area, basing her assessment on LiDAR elevations. She reviewed RAS files of the regional model and provided input on various structures. She assisted with terrain modifications, reviewed the H&H model, and assisting with drafting the H&H modeling report. Ms. Newlin's work also included conducting the capacity analysis.

**Cameron Parish Flood and Surge Protection Berm (Cameron Parish, LA)** The area of Cameron Parish locally known as Big Burn has long been impounded by the spoil bank of the Gulf Intercoastal Waterway (GIWW) to the north, the right descending bank of the Mermentau River to the east, Louisiana Hwy 27 to the west and Louisiana Hwy 82 to the south. Using HMGP funds, Fenstermaker performed a study of the area, that would create a hydrologic model of existing conditions, model one of the significant flood events, consult with landowners, stakeholders, state and federal agencies to develop alternative solutions to alleviate flooding, evaluate the alternative solutions using the hydrologic model, determine the preferred suite of alternatives and develop a conceptual level cost estimate. Ms. Newlin performed H&H modeling for the project and contributed to the H&H report. She also assisted with the Benefit Cost Analysis (BCA) model documentation and other documentation for the project's HMGP grant application.



## TEC Professional Services Questionnaire

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

**Name & Title:**

Dax Douet, P.E. – Director, Engineer

**Project Assignment:**

Engineer

**Name of Firm with which associated:**

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

**Years' experience with this Firm:**

28 Years

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

B.S. / 1997 / Civil Engineering

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

2002 / Louisiana PE #0030170

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

Dax Douet is an Engineering Director with over 25 years of professional civil engineering experience in design, planning, construction oversight, and project management. Mr. Douet's core experience is in roadway design, transportation corridor studies, line and grade studies, design of roundabouts, environmental assessments, both open channel and subsurface drainage systems, large one and two-dimensional hydrologic numerical modeling, municipal engineering, being a city engineer, public speaking, and project managing large complex, multi-disciplinary projects. Mr. Douet has served as the lead design engineer and project manager on a multitude of various transportation projects ranging from both urban and rural local, collector, and arterial roadways, to large interchange projects on the interstate system. Software & Training: Mr. Douet is proficient

in Bentley Software project such as Microstation, Storm and Sanitary, and InRoads; HEC-RAS, LADOTD's HYDRWIN, and DHI MIKE 11/MIKE 21/MIKE FLOOD. Mr. Douet has attended the ATSSA Traffic Control Technician, Traffic Control Supervisor, and Certified Flagger training courses, participated in NHI Course 142005 NEPA and the Transportation Decision Making Process, the LADOTD Highway Safety Manual Course, and the LADOTD Traffic Engineering Process and Report Training Class.

**LCG 2020 Drainage Master Plan, Phase 1: Drainage Maintenance Program (Lafayette Parish, LA) Project Manager:**

Fenstermaker was contracted to develop proactive drainage maintenance program. The project includes completing an inventory of the City's drainage staffing levels, equipment, and funding requirements; holding workshops with Parish Staff from maintenance, public works, finance, and civil service to review process and procedures; developing crew, equipment, and contracting options to reduce Requests for Services from an 18-month backlog to four months; prioritizing proactive drainage maintenance for roadside ditches, subsurface drainage, and laterals to reduce service request response time; creating a Story Map for all drainage information in which this webpage will include informative information as well as the capability to track ongoing and future project status. Fenstermaker's scope of services included providing the framework for a Drainage Policy Program, structuring a Drainage Management and Enforcement Plan, proposing a Funding Structure matching the needs of the Plan, developing a Drainage Maintenance Program with the expected timeline for accomplishing maintenance work, and public outreach. Mr. Douet served as the Project Manager for LCG's drainage plan.

## TEC Professional Services Questionnaire

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

**Dax Douet, P.E.**


**LaDOTD Contract No. 4400017090 Louisiana Watershed Initiative Region 4 (De Soto, Sabine, Vernon, Rapides, Beauregard, Allen, Jefferson Davis, Calcasieu, and Cameron Parishes)** Mr. Douet is serving as the Project Manager for this unprecedented project that will manage the future flood risk in Louisiana through watershed-based solutions. Mr. Douet is responsible for the project management and oversight to successfully complete an interactive, usable, and manageable hydraulic and hydrologic Region 4. 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.

**Tete Bayou and Bayou Parc Perdu Watershed Study and Regional Detention Implementation (Iberia Parish, LA)** Mr. Douet is the drainage engineer for Iberia Parish. He also served as the lead design engineer in the preparation of construction plans to clean the channel. Mr. Douet assisted in preparation of a FEMA Letter of Map Revision (LOMR) to update the existing FEMA FIRM maps in areas within the basin identified as having a Flood Zone "A" designation by establishing new base flood elevations and revising these "A" zones to "AE". Mr. Douet is responsible for all numerical modeling, engineering hydraulic design, preparation of construction plans, construction management, and overall project management.

**Post Storm Services – March 2012 and August 2016 (Lafayette, Iberia & Acadia Parishes, LA)** In August of 2016, several parishes within the Region 5 watershed experienced historical rainfall and flooding. To capture high water marks and perform post storm numerical modeling, Mr. Douet aided the team in developing hydrologic and hydraulic one and two-dimensional HEC-HMS and HEC-RAS models using this storm data to predict future flooding in areas having both unmapped and Zone X FEMA FIRM designations. These analyses were to perform better floodplain management using best available data for these unmapped and non-flood zones that experienced flooding. Mr. Douet aided in the quality control review of HEC-RAS geometry, boundary conditions, rainfall data, and performed an overall assessment of the validity of the results.

**Upper West Fork Cypress Bayou Watershed Plan-EA (Bossier Parish, LA)** Mr. Douet is currently serving as the Deputy Project Manager for the NRCS and Town of Plain Dealing Upper West Fork Cypress Bayou Watershed Plan-Environmental Document. Fenstermaker is serving as the prime consultant in developing a supplemental watershed plan and environmental assessment in accordance with current USDA-NRCS and LADOTD state dam safety criteria. The Plan-EA will describe alternatives and examine reasonable alternatives in detail and identify the preferred alternative as the most technically, economically, socially, and environmentally defensible alternative in consultation with, NRCS.

## TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
<b>Name &amp; Title:</b>	
Luke Hebert, P.E., CFM – Director, Engineer	
<b>Project Assignment:</b>	
Engineer	
<b>Name of Firm with which associated:</b>	
C. H. Fenstermaker & Associates, L.L.C.	
<b>Years' experience with this Firm:</b>	
20 Year	
<b>Education: Degree(s)/Year/Specialization:</b>	
B.S. / 2003 / Civil Engineering	
<b>Active registration: Year first registered/discipline:</b>	
2009 / Louisiana PE #0034715 Certified Floodplain Manager No. US-17-09739	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
	<p><b>Luke Hebert</b> is a Professional Engineer with over 19 years of experience in engineering design, planning, and project management. During his career, Mr. Hebert has been part of many different types of designs ranging from various roadway types (i.e., local, collector, arterial and freeway), surface and sub-surface drainage systems, water and sewer distribution system and water and sewer treatment. In 2013 Mr. Hebert was appointed by the Mayor of Carencro as the engineer for the City. One of his main focuses is working with developers on new commercial and residential developments. Since 2013 Mr. Hebert has been involved with over 20 new developments located within the City of Carencro and has managed them through planning, construction, and final acceptance. He has also provided Application Preparation, Program Management and Design Services to the City for Community Development Block Grants (CDBG), Facility Planning &amp; Control (FP&amp;C)–Capital Outlay, FEMA, USACE/DOTD, U.S. Dept. of Agriculture (USDA) Loan, Office of Community Development–Community Water Enrichment Fund, and Louisiana Dept. of Health. In total, Mr. Hebert has assisted the City with the acquisition and management of nearly \$18 Million in Federal and State project funding and lead the City to a FEMA Community Rating System Class 7.</p> <p><b>500-Year Flood Recovery for City of Carencro (Lafayette Parish, LA)</b> On March 12, 2012, the City of Carencro was inundated with over 14 inches of water in one morning amounting to nearly a 500-year storm event resulting in emergency rescues and wide-spread property damage. Many of the City's wastewater, stormwater, and roadway infrastructures were severely damaged or destroyed. As Mr. Hebert was the City Engineer, he was assigned as project manager when Fenstermaker was hired to survey and map high water marks throughout the City, as well as quantify the amount of inundation and damage to the infrastructure. Fenstermaker led a nearly four-year collaboration with FEMA and GOHSEP to identify improvement projects that would repair and protect the City's infrastructure from the 500-year storm event. Fenstermaker secured federal funding from FEMA's Hazard Mitigation Grant Program (HMGP) for four additional projects because of the flood events.</p> <p><b>Fabacher Bridge Replacement &amp; Channel Improvements (Acadia Parish, LA)</b> For the replacement and improvement of this four-span concrete bridge., Mr. Hebert contributed to plans for drainage improvements, hydrologic study, and statewide flood control application.</p>

## TEC Professional Services Questionnaire

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

**Luke Hebert, P.E., CFM**

**Andre St. Drainage and Utility Improvements (Lafayette Parish, LA):** This project consists of improving approximately 1,200 feet of drainage channel with concrete lining and articulated block mat. One major lift station will be upgraded to allow for the channel improvements. The new lift station will serve as Carencro's largest lift station pumping up to 3.2 MGD for present-day demand and 9.5 MGD for the 20-year planning period. The project consists of a 16" sewer force main and 21" sewer gravity main. Mr. Hebert was the project manager and directed all efforts such as design, survey, geotechnical coordination, ROW and servitude acquisitions, plans production, and utility coordination.

**Richard Street Drainage Improvements - HMGP 1603-055-0004 (Lafayette Parish, LA)** As the project manager Mr. Hebert completed the initial grant application for this project which included the feasibility study as well as the benefit cost analysis. In addition, he completed the Phase 1 design, and oversaw the Phase 2 construction and grant management between the City of Carencro and GOHSEP. This project included the installation of over 700' of concrete vertical wall channel and articulated block mats to stop erosion and protect homeowners.


**Post Road Channel Improvements (Lafayette Parish, LA)** Mr. Hebert served as Project Manager. This project involved a channel adjacent to a sewer treatment plant experiencing erosion issues. Fenstermaker was contracted to design and oversee the construction of armoring using articulated block matting. Fenstermaker completed a topographic survey of the channel and performed a slope stability analysis which showed continued erosion would likely result in failure of the levee along the oxidation pond. To prevent this, Fenstermaker developed plans and specs that included channel widening and bank protection and hydraulic modeling was completed to determine and mitigate project impacts.

**FEMA Community Rating System (CRS) Management (Lafayette Parish, LA)** Fenstermaker has assisted both the City of Scott and City of Carencro in their participation in the FEMA Community Rating System Program. Both the City of Scott and City of Carencro have maintained a CRS rating of an 8, resulting in an estimated cost savings of nearly \$80,000 in flood insurance premiums per year for each City. As part of this program Fenstermaker has managed their maintenance activities, developed maintenance plans, completed sensitivity analysis to determine capital improvement priorities, managed their GIS databases and websites, monitored the completion of elevation certificates, completed public outreach projects, and completed their yearly audits and five year renewals. As City Engineer for the City of Carencro, Mr. Hebert served as Project Manager and ensured compliance with FEMA guidelines.

**Gaston Coulee Cleaning (Lafayette Parish, LA)** Fenstermaker assisted with the preparation of bid documents and specifications for the City of Carencro. The project included the removal of debris and re-grading the coulee from Andre Street South to North University Avenue to allow the coulee to function at its full ability. Mr. Hebert served as Project Manager.

**St. Anne Drainage Improvements (Lafayette Parish, LA)** Fenstermaker was contracted to provide services for the drainage improvements of St. Anne Street in Carencro. Phase I of the project included increasing the capacity of the existing structure along St. Anne Street from Gaston Coulee to Walter Drive. Mr. Hebert served as Project Manager.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>	
<b>Name &amp; Title:</b>	
Travis Bodin, MBA, PLS, PMP Vice President, Survey	
<b>Project Assignment:</b>	
Survey Lead	
<b>Name of Firm with which associated:</b>	
C. H. Fenstermaker & Associates, L.L.C.	
<b>Years' experience with this Firm:</b>	
18 Years	
<b>Education: Degree(s)/Year/Specialization:</b>	
B.S. / 2004 / Industrial Technology MBA / 2021 / Business Administration	
<b>Active registration: Year first registered/discipline:</b>	
2011 / Louisiana PLS # 0005067 2018 / Project Management Professional PMI PMP No. 2269869	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
	<p><b>Travis Bodin, MBA, PLS, PMP</b> currently serves as Vice President of Survey at Fenstermaker and has over 18 years of surveying, management, and coordination experience. He is currently responsible for directing and overseeing the daily activities within the Fenstermaker Survey Division which consist of both the Houston and Lafayette Offices and over 35 survey crews working across multiple states. 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, process and procedure development. During his tenure at Fenstermaker Mr. Bodin has conducted management duties for both field and office activities on survey and engineering projects. Software &amp; Training: With his wide range of managerial and technical experiences, Mr. Bodin was able to obtain his Project Management Professional (PMP) Certification which is acknowledged by agencies around the world as the leading certification for project managers. Mr. Bodin is experienced in the use of the newest versions of MicroStation, AutoCAD, and Trimble Business Center, Office 365, and Primavera 6.</p> <p><b>Calcasieu Parish Stormwater Master Plan (Calcasieu Parish, LA)</b> Fenstermaker was contracted to develop a Stormwater Master Plan, covering the Parish's major waterways and drainage basins. The project included data collection, researching prior studies, H&amp;H numerical modeling, an analysis of known flood prone areas and watershed deficiencies, the development and modeling of watershed improvements, and GIS mapping. Mr. Bodin served as the survey manager and managed field crew scheduling, data processing, GIS integration, and survey and mapping within the numerous phases of this project.</p>



## TEC Professional Services Questionnaire

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

**Travis Bodin, PLS, PMP, MBA**

**Coulee Mine Branch and Tributaries: Hydraulic Re-Study (Lafayette Parish, LA)** Fenstermaker provided professional modeling, hydrologic monitoring, and topographic surveying to assist in revising the effective Flood Insurance Rate Map data for Coulee Mine Branch and Tributaries. Mr. Bodin oversaw the survey efforts of the project which consisted of data collection utilizing GPS/RTK technology at key locations within the project area.

**Post Storm Services – August 2016 (Acadia, Iberia, and Lafayette Parishes, LA)** Following the major flood event that occurred throughout South-Central Louisiana, the City of Scott engaged Fenstermaker to provide mitigation alternatives for future events. The data collection phase of the project included surveying services such as collecting information on existing drainage culverts, high water marks left by the flood event, channel profiles, and roadbed elevations. Mr. Bodin was responsible for the survey effort for this project and oversaw the collection, processing, and delivery of the collected information

**Lafayette Parish FEMA Model Analysis and Review; FEMA Community Rating System (CRS) Management (Lafayette Parish, LA)** Fenstermaker has been working with Lafayette Consolidated Government, as well as the Cities of Youngsville and Carencro, to finalize the Lafayette Parish FEMA flood maps. Mr. Bodin assisted in the review of the FEMA Flood Map Datums with the Lafayette Parish Flood Plain Administrator, as well as the review of field investigations and structure inventories within key areas of the hydraulic models to validate the data.

**Tete Bayou (HUC 12) and Bayou Parc Perdu (3-HUC 12) Watershed Study and Regional Detention Implementation (Iberia Parish, LA)** Fenstermaker was contracted to provide a drainage assessment of both the Tete Bayou and Bayou Parc Perdu watersheds. Mr. Bodin supervised all surveying efforts for the project, including the collection of channel profile and cross section information, structure data, the slab elevations of repetitive loss structures, and high-water marks, in conformance with FEMA guidelines and standards.

**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 is 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.

**Calcasieu Parish Regional (HUC 8) Watershed Modeling and Planning (Calcasieu Parish, LA)** Fenstermaker provided surveying services within the project area in support of the modeling efforts for the project. The survey task consisted of the collection of roadside ditch inverts, cross drains, high and low cords on existing bridge decks, along with documentation of the existing conditions of the crossings. Mr. Bodin served as the survey director on this project, overseeing all survey tasks and ensuring all data is collected in conformance with FEMA survey standards.

## 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:	
RR045 Filmore South Group D  Orleans Parish, LA  City of New Orleans Department of Public Works 1300 Perdido Street, #6W03 New Orleans, LA 70112 Ang Nguyen (504) 658-8685 Anh.Nguyen@nola.gov	The City of New Orleans Department of Public Works contracted Fenstermaker to provide professional engineering design and construction administration services for FEMA-eligible street repairs in the Filmore South neighborhood. Plans and specifications for the site may include the following design features: full roadway pavement sections including sidewalks and curb ramps; roadway pavement base material; subsurface drainage, water, and <b>sanitary sewer installation</b> ; modifications, adjustments, and repair as required; adjustments at driveways, intersection streets, and Project termini as required; green stormwater infrastructure such as permeable surfaces, street trees, detention/retention basins, street basins, and street-side bioswales; bicycle facilities such as bike lanes and shared lanes; and transit facilities such as bus boarding and alighting areas. Installation of ADA ramps will be included. The project includes water main point repairs on various streets within the neighborhood. These repairs include installing a new fire hydrant, valves, and waterlines.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
08/2023	\$13,624,000	\$565,858

### PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
RR105 Lower Ninth Ward Northeast Group C  Orleans Parish, LA  City of New Orleans Department of Public Works 1300 Perdido Street, #6W03 New Orleans, LA 70112 Mohanad Abdelfattah (504) 658-8037 mohanad.abdelfattah@nola.gov	Fenstermaker was contracted to provide professional engineering design and construction administration services for FEMA-eligible street repairs in the Lower Ninth Ward neighborhood. Plans and specifications for the site may include the following design features: full roadway pavement sections including sidewalks and curb ramps; roadway pavement base material; subsurface drainage, water, and sanitary sewer installation; modifications, adjustments, and repair as required; adjustments at driveways, intersection streets, and Project termini as required; green stormwater infrastructure such as permeable surfaces, street trees, detention/retention basins, street basins, and street-side bioswales; bicycle facilities such as bike lanes and shared lanes; and transit facilities such as bus boarding and alighting areas. Installation of ADA ramps will be included.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
07/2022	\$14,500,000	\$560,994

## TEC Professional Services Questionnaire

<b>PROJECT NO. 3</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility</b>	
RR021 City of New Orleans Central City Group A  Orleans Parish, LA  City of New Orleans Department of Public Works 1300 Perdido Street, #6W03 New Orleans, LA 70112 Ang Nguyen (504) 658-8685 Anh.Nguyen@nola.gov	The City of New Orleans Department of Public Works selected Fenstermaker to provide baseline and topographic survey, roadway design, and construction administration for streets in the Central City neighborhood. The project includes a 10 yr. design to replace the existing sub-surface drainage system and replacement of all sewer structures. Replacement of waterlines is included on several streets and waterline designs provided by the Sewerage & Water Board will be incorporated on others. Fenstermaker has completed the design.	
<b>Completion Date (Actual or estimated)</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
	07/2022	\$10,155,000
		\$971,875

<b>PROJECT NO. 4</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Lafayette Consolidated Government (LCG) 2020 Drainage Master Plan — Phase 1: Drainage Maintenance Program Lafayette Parish, Louisiana  Jessica Cornay, P.E. Lafayette Consolidated Government 1515 E University Avenue Lafayette, LA 70501 (337) 291-7015	Fenstermaker has had a standing drainage consulting contract with the Lafayette Consolidated Government since 2007, performing services such as FEMA model reviews, grant applications, model updates, post storm event services, and public outreach. As with many South Louisiana Parishes, drainage has been a major priority of the current administration. Fenstermaker was contracted to assist the Parish in developing a Parish-wide Drainage Master Plan. The goals of this plan focused on maintenance activities, as well as drainage project prioritization, and public communications.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
	2020	\$180,000
		\$180,000

## TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Hazard Grant Mitigation Services to the City of Carencro – Drainage Projects</p> <p>City of Carencro, Lafayette Parish, LA PO Drawer 10 210 East St. Peter Street Carencro, LA 70520</p> <p>Don Chauvin, City Manager (337) 896-8481 citymanager@carencro.org</p>	<p>In March 2012, the City of Carencro received a 500-year flood event. Many of the City's wastewater, stormwater, and roadway infrastructure were severely damaged or destroyed. Fenstermaker was hired by the City to survey and map high water marks throughout the City and quantify the amount of inundation and damage to the City's infrastructure. Fenstermaker led a nearly four-year collaboration with FEMA and GOHSEP to identify improvement projects that will repair and protect the City's infrastructure from the 500-year storm event. Fenstermaker secured federal funding from FEMA's Hazard Mitigation Grant Program (HMGP) because of this event. RICHARD ST. DRAINAGE IMPROVEMENTS FEMA No. 0216 - Design of concrete drainage structures and bank reinforcement Project armored an existing channel to mitigate erosion; and ANDRE STREET DRAINAGE IMPROVEMENTS FEMA No. 0089 - Completed design, bid and contract, construction, and inspection of channel improvements and structure replacement. This project included the installation of a conspan structure. A no rise analysis was completed on these improvements.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020	\$1,100,000	\$1,020,000

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Post Road Channel Improvements City of Carencro, Lafayette Parish, LA</p> <p>PO Drawer 10 210 East St. Peter Street Carencro, LA 70520</p> <p>Don Chauvin, City Manager (337) 896-8481 citymanager@carencro.org</p>	<p>A channel next to the Post Road Water Treatment Plant was experiencing erosion issues. There were concerns that the levee along the oxidation pond would breach. To prevent a breach from occurring, the City of Carencro contracted Fenstermaker to design and oversee the construction of channel armoring. The firm's survey team completed a topographic and boundary survey of the channel. Geotechnical engineers performed a slope stability analysis and concluded that continued erosion would likely result in failure. Hydraulic modeling was completed to determine and mitigate the project's impacts. Fenstermaker developed plans and specs that included channel widening and bank protection using articulated block matting. Fenstermaker provided construction management and inspection services. Additionally, Fenstermaker assisted the City with developing the application for and management of the HMGP/GOHSEP grant that funded the project.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
08/2018	\$223,800	\$223,800

## TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Calcasieu Parish Police Jury Drainage Management Study Calcasieu Parish, LA</p> <p>1015 Pithon Street 4th Floor Lake Charles, LA 70601</p> <p>Allen Wainwright, P.E. (337) 721-3700 awainwright@cppj.net</p>	<p>Calcasieu Parish contracted Fenstermaker to perform a comprehensive study for the improvement of the Parish's drainage system. Fenstermaker first researched and analyzed current proven best management practices (BMP) for drainage management. The research focused on developing communities like Calcasieu Parish and with the goal of preserving watershed resources and drainage system capacity while optimizing operational efficiency of local government entities. Fenstermaker then reviewed and analyzed the Parish's existing ordinances for conformance with BMPs and trends. Gaps between the Parish's current ordinances and design standard and the trending best practices were identified. Fenstermaker analyzed the Parish's rain gauge and flood system and made recommendations for updating and expanding the system. Fenstermaker reviewed and analyzed the Parish's existing computer models and provided recommendations and a schedule for updating the models. The firm also developed a webpage for the Parish that provides real time data to the public and other agencies. Fenstermaker prepared a report that summarized its findings and provided recommendations on future ordinances for the Parish's adoption. Additionally, Fenstermaker worked directly with Parish staff to complete the review of its drainage management policies and attended and presented at public meetings designed to present the proposed recommendations to the public.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
06/2017	\$118,536	\$118,536

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Iberia Parish Government Drainage Maintenance Prioritization and Implementation Iberia Parish, LA</p> <p>Courthouse Building Suite 400 New Iberia, LA 70560</p> <p>Larry Richard, Parish President (337) 365-8246 mlarryrichard@iberiagov.net</p>	<p>Iberia Parish contracted Fenstermaker to evaluate several drainage maintenance alternatives and prioritize them based on hydraulic benefit. This was completed using 2D modeling (Mike Flood) to determine the sensitivity of each alternative based on the recommended maintenance plan by the Parish. The 2D approach was utilized to account for coastal influences such as wind and tide on the alternatives. Fenstermaker completed a more detailed model to determine downstream impacts of maintenance alternatives and fine-tuned the design parameters. In addition, Fenstermaker completed the plans and permitting for the top prioritized alternatives.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
08/2017	\$237,500	\$20,000



## TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>City of Scott Drainage Improvement Plan Lafayette Parish, LA</p> <p>City of Scott 125 Lions Club Rd. Scott, LA 70583</p> <p>Jan-Scott Richard, Mayor (337) 349-7591 <a href="mailto:jrichard@cityofscott.org">jrichard@cityofscott.org</a></p>	<p>The Ile des Cannes and Coulee Mine drainage systems in the Vermilion Watershed traverse The City of Scott's corporate limits. Fenstermaker was contracted by the City of Scott to develop a Drainage Improvement Plan to address drainage failures and flooding associated with these two large canals. The plan included field assessments and prioritization planning to address the routine maintenance of all ditches, subsurface drainage, and laterals. A town hall meeting was held to address public concerns with drainage as well as inform them on programs, policies, and projects. Fenstermaker analyzed and developed a capital improvement plan for regional detention and channel improvement projects, as well as identified funding sources for such projects. Fenstermaker has secured approximately \$3.5 million in funding through HMGP. Additionally, Fenstermaker worked with the City and The Cottages Developers to incorporate a private-public partnership for the implementation of a regional detention facility and public park.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
04/2020	\$101,290	\$101,290

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Louisiana Avenue Detention Facility Calcasieu Parish, LA</p> <p>Calcasieu Parish Police Jury 1015 Pithon Street 4<sup>th</sup> Floor Lake Charles, LA 70601</p> <p>Terry Frelot, P.E. (337) 721-3700 <a href="mailto:tfrelot@cppj.net">tfrelot@cppj.net</a></p>	<p>Fenstermaker teamed with AECOM to provide design services for Calcasieu Parish to construct a regional detention facility near Louisiana Avenue. Fenstermaker's scope of services included: survey, utility coordination, permits and agency coordination, quantity, and cost estimation, as well as technical and constructability review of the plans design by AECOM. The goals of this project were to provide flood mitigation and relief during design storm events utilizing a detention facility.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
06/2023 (estimated)	\$2,500,000	\$134,319

**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)** has provided engineering, environmental consulting, and surveying services in south Louisiana for over 74 years, with office locations in New Orleans, Mandeville, Baton Rouge, Lafayette, Lake Charles, and Shreveport, Louisiana. Fenstermaker maintains a diverse client base consisting of municipalities, state government, large, medium, and small companies in a variety of industries. Fenstermaker's highly qualified professional staff is supported by a technologically robust management system and continuity of operations, as most senior staff members have been with the firm for decades. Fenstermaker is well equipped to assist Jefferson Parish with the design of drainage projects. Fenstermaker stands behind our qualifications, the capabilities of our personnel, and the integrity of our work. Jefferson Parish will benefit tremendously from a Fenstermaker led project team. Fenstermaker has the personnel depth in technical experience in drainage design that will translate into project success. Fenstermaker's Louisiana heritage, with a nearby offices in New Orleans and Mandeville, will provide the Parish with immediate responses to various project needs and an on-site presence throughout the duration of the project.

**(1) Professional training and experience in relation to the type of work required for the routine engineering service**

Fenstermaker has extensive experience working with local Parishes, municipalities and Louisiana's Department of Transportation and Development on water resource projects such as roadway drainage design and flood storage design (detention/retention ponds) utilizing various suites of software. The team has completed several FEMA regulatory No Rise studies, Letter of Map Revisions (LOMRs), and worked with FEMA and GOHSEP on Hazard Mitigation Grant Program (HMGP) projects. Fenstermaker's knowledge of the regulatory requirements and engineering standards ensures the best results for our clients.

Fenstermaker currently serves as the City Engineers for various municipalities such as the City of Scott and the City of Carencro. Through work as municipal engineers, Fenstermaker is well versed with localized drainage challenges that parishes and municipalities are faced with daily. Fenstermaker has acted as the planning and review committees for residential and commercial development within the city limits of its municipal clients for over a decade. Through this work, Fenstermaker has reviewed and critiqued hundreds of drainage impact analyses by private developers' engineers for neighborhoods, office parks, strip malls, and commercial retail. This experience has resulted in enormous benefits to municipalities by identifying deficient drainage designs and mitigating countless localized drainage issues beforehand.

Additionally, Fenstermaker has experience not only in drainage design but also in floodplain mapping and hazard mitigation planning. Fenstermaker has met and coordinated with FEMA on floodplain mapping discrepancies and has helped municipalities to develop policies and goals for better floodplain management. We know how to successfully produce and implement an effective drainage design plan. Fenstermaker's team has extensive experience working with local municipalities on water resource projects such as roadway drainage design and flood storage design (detention/retention ponds). Fenstermaker's knowledge of the regulatory requirements and engineering standards ensures the best results for our clients.

**Hydrologic and Hydraulic Modeling Experts**

Fenstermaker is a recognized leader in hydrologic and hydraulic modeling, understanding drainage and developing prioritization programs to aid municipalities across south Louisiana. Our firm is well equipped to assist the Parish with their drainage projects. Fenstermaker's expertise encompasses stormwater modeling, hydrologic and

hydraulic engineering, and stormwater master planning. Fenstermaker has 14 numerical modelers who have the routine task of performing both hydrologic and hydraulic numerical modeling using a variety of software including but not limited to the USACE HEC software, EPA's SWMM and WASP software, Bentley Civil Storm, HydroCAD, LADOTD Hydraulics tools (HYDRWIN), ArcGIS, EcoLab, Berkley Madonna, the Danish Hydraulic Institute's software (MIKE 11, MIKE 21, MIKE FLOOD), Deltares, and other privately-owned software (H3D, etc.).

We pride ourselves on being client focused and technology driven with an emphasis on improving current conditions and developing sustainable and resilient long-term solutions. Over the past 20 years, Fenstermaker has been retained by various federal, state, and local agencies and private companies to develop one, two, and three dimensional steady and unsteady numerical hydraulic models. Fenstermaker has been involved in the development of many of the key models that our state uses for decision making purposes; such as the intercompartmental model developed as part of the State's Coastal Master Plan, as well as many of the local HEC-RAS floodplain models certified by FEMA and used by local governments for floodplain management and project analyses.

Leading Fenstermaker's Water Resources Team is **Jeanne Hornsby, M.S., P.E., CFM.**, who is an Engineering Director at Fenstermaker with 20 years of engineering, project management, and quality control experience. Her expertise has developed through the successful completion of numerous numerical modeling analyses, roadway drainage designs, and stormwater master plans in Louisiana, Texas, and Florida.

**(2) Size of firm**

Across our 5 south Louisiana offices (New Orleans, Mandeville, Lafayette, Baton Rouge, Lake Charles) we have 25 licensed Professional Engineers on staff, supported by a strong team of 12 licensed Engineering Interns (E.I.), Subject Matter Experts, CADD technicians and Construction Inspectors. Fenstermaker has focused on improving current conditions and developing new infrastructure to provide innovative, long-term solutions for over 35 years.

**(3) Capacity for timely completion of newly assigned work**

Our New Orleans and Lafayette office, with staff from our Mandeville and Baton Rouge offices, are available to complete projects. Fenstermaker will make available any of its qualified and knowledgeable staff to complete the project on time and to Parish requirements. Fenstermaker has a long history of successful project management and understands the importance of timely project completion and cost control on municipal projects. Our project managers and engineers perform quality work in a timely and professional manner.

**(4) Past performance by a person for firm on Parish contracts**

Fenstermaker has over 72 years of experience in South Louisiana and has performed services on projects for local governments for over 35 years, including engineering design, permitting, and agency coordination. We have provided services to the following public sector clients:

- City of New Orleans
- Lafayette Consolidated Government
- Calcasieu Parish Police Jury
- City of Scott
- Iberia Parish Government
- LADOTD

**(5) Location of the Principal business office**

Fenstermaker has an office in Orleans Parish, at 1100 Poydras, Suite 1550, New Orleans, LA 70163. Staff from our headquarters located in Lafayette (135 Regency Square, Lafayette LA 70508) will support tasks on this contract.

**(6) 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.

**(7) Prior successful completion of projects of the type and nature of routine engineering services as defined, for which firm has provided verifiable reference**

As shown in our project examples within this proposal, Fenstermaker has experience on a multitude of public contracts for municipal clients. Our engineers have designed numerous roadway projects for Parish clients and is familiar with the challenges these projects face. Our design engineers are also competent in the standards and guidelines that these projects must follow, including those that must comply with state and federal funding.

The best measure of quality of work performed by Fenstermaker is observed in the number of repeat clients over the past seven decades and the numerous awards that our projects have received. Below is a list of client references and to the right is a sample of the awards that our projects have received:

- **City of New Orleans**  
Anh Nguyen, Project Manager, (504) 658-8685,  
[anh.nguyen@nola.gov](mailto:anh.nguyen@nola.gov)  
Mohanad Abdelfattah, Project Manager, (504) 658-8037
- **Calcasieu Parish Police Jury**  
Allen Wainwright, P.E., (337) 721-3700
- **City of Carencro**  
Don Chauvin, City Manager, (337) 896-8481,  
[citymanager@carencro.org](mailto:citymanager@carencro.org)
- **Lafayette Consolidated Government**  
Jessica Cornay, P.E., (337) 291-7015
- **Iberia Parish Government**  
Larry Richard, (337) 365-8246,  
[mlarryrichard@iberiagov.net](mailto:mlarryrichard@iberiagov.net)

**AWARD WINNING DESIGNS & CONSTRUCTION**

**Chateau Mirage Channel Realignment &  
LOMR**

2020 ACEC Honor Award

**Ile des Cannes Watershed Study and Physical  
Map Revision**

2020 ACEC Grand Award

**Andre St. Drainage**  
2020 ACEC Honor Award

**City of Scott Drainage Improvement Plan**  
2022 ACEC Honor Award



**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: June 20, 2024



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

<b>Name:</b>	<b>Public Address:</b>
C. H. Fenstermaker & Associates, L.L.C.	Mr. John Fenstermaker 135 Regency Square Lafayette, Louisiana 70508

**License/Certificate Information w/ Supervision**


License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0000311	Active	09/14/1984	09/30/2025	Mr. Luke Martin Hebert # PE.0034715 ; Mr. Raymond Joseph Reaux # PE.0025322 ; Mr. Daniel Douglas Dehon # PE.0040161

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

<b>Name:</b>	<b>Public Address:</b>
C. H. Fenstermaker & Associates, L.L.C.	Mr. John Fenstermaker 135 Regency Square Lafayette, Louisiana 70508

**License/Certificate Information w/ Supervision**

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
VF.0000154	Active	09/14/1984	09/30/2025	Mr. John Warren Fenstermaker # PLS.0004797 ; Mr. Travis Steven Bodin # PLS.0005067

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LAPELS)</b> 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com
<b>Mrs. Jeanne Arceneaux Hornsby</b>	
License/Certificate Type - Number	Expiration Date
<b>PE.0036717</b>	<b>03/31/2026</b>
<b>Status: Active</b>	

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LAPELS)</b> 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com
<b>Mrs. Mallory D. Rodrigue</b>	
License/Certificate Type - Number	Expiration Date
<b>PE.0038168</b>	<b>09/30/2025</b>
<b>Status: Active</b>	

Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.

Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

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Phone (225) 925-6291  
www.lapels.com

### Mr. Austin Ryan Doucet

License/Certificate Type - Number

PE.0048642

Expiration Date

09/30/2024

Status: **Active**



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Phone (225) 925-6291  
www.lapels.com

### Mr. William Mark Katzenmeyer

License/Certificate Type - Number

PE.0036775

Expiration Date

03/31/2026

Status: **Active**

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### Ms. Brooke Raye Newlin

License/Certificate Type - Number

PE.0047837

Expiration Date

09/30/2025

Status: **Active**



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www.lapels.com

### Mr. Dax Anthony Douet

License/Certificate Type - Number

PE.0030170

Expiration Date

09/30/2024

Status: **Active**

Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

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(LPELS)**

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Baton Rouge, LA 70809  
Phone (225) 925-6291  
www.lapels.com

**Mr. Luke Martin Hebert**

License/Certificate Type - Number

**PE.0034715**

Expiration Date

**09/30/2025**

Status: **Active**

Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

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(LPELS)**

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Phone (225) 925-6291  
www.lapels.com

**Mr. Travis Steven Bodin**

License/Certificate Type - Number

**PLS.0005067**

Expiration Date

**03/31/2026**

Status: **Active**

Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

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