

STATEMENT OF QUALIFICATIONS

Presented to: Louisiana Department of Transportation and Development (DOTD)

Contract No. 4400027687 IDIQ Contract for Professional Hydrographic Surveying Services Statewide

September 19, 2023



Transmitted via Email DOTDConsultantAds80@la.gov

September 19, 2023

Louisiana Department of Transportation and Development 1201 Capital Access Road Baton Rouge, LA 70802

RE: Contract No. 4400027687, IDIQ Contract for Professional Hydrologic Surveying Services Statewide with Majority of Work in Districts 04, 05, 08 and 58

Dear Sir or Madam:

C. H. Fenstermaker & Associates, L.L.C. (Fenstermaker) is pleased to submit our statement of qualifications for the Louisiana Department of Transportation and Development's (LADOTD) IDIQ Contract for Professional Hydrologic Surveying Services Statewide with Majority of Work in Districts 04, 05, 08, and 58. Our Team of experienced survey professionals possesses the expertise and capabilities needed to assist LADOTD with requested hydrologic surveying services and CAD technical support. With over 73 years of experience in Louisiana, Fenstermaker brings unparalleled skill, knowledge, and understanding to the types of task orders that may be issued from these IDIQ contracts. Fenstermaker will provide LADOTD with our trusted leadership and key staff located throughout Louisiana. Our Team has successfully provided hydrologic surveying services and CAD technical support for LADOTD under similar IDIQ contracts.

The Fenstermaker Team has performed a diligent review of the advertisement and clearly understands the scope of services for this contract. Our Team makes a firm commitment to provide LADOTD with professional services safely and within budget.

Thank you for the opportunity to present our qualifications. We look forward to hearing from you. If you have any questions regarding our submittal or qualifications, please contact Fenstermaker's Vice President, Survey and Mapping, Travis Bodin at (337) 237-2200. Angelle Guilbeau is authorized by Fenstermaker to contractually obligate the firm.

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Travis Bodin, MBA, PLS, PMP Vice President, Surveying and Mapping travisb@fenstermaker.com

Appelle Guilbeau

Angelle Guilbeau Chief Administrative Officer angelleg@fenstermaker.com

135 Regency Square | Lafayette, LA 70508 | (337) 237-2200 phone | (337) 232-3299 fax <u>www.Fenstermaker.com</u>

SECTIONS 1 - 13





DOTD FORM: 24-102

(Revised January 1, 2023)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

Prime consultant shall complete the DOTD Form 24-102 without altering the Form's text; however, the instruction and/or guidance for Sections 12 through 23 can be removed but do not remove Section title and number.

ANY CONSULTANT FAILING TO SUBMIT ANY OF THE INFORMATION REQUIRED ON THE DOTD FORM 24-102, OR PROVIDING INACCURATE INFORMATION ON THE DOTD FORM 24-102, MAY BE CONSIDERED NON-RESPONSIVE.

| 1. | Contract Name as shown in the advertisement | IDIQ Contract for Professional Hydrographic Surveying Services Statewide with Majority of Work in Districts 04, 05, 08, and 58 |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 2. | Contract Number(s) as shown in the advertisement | 4400027687 |
| 3. | State Project Number(s), if shown in the advertisement | Not applicable |
| 4. | Prime consultant name (name must match as registered with the Louisiana Secretary of State where such registration is required by law) | C. H. Fenstermaker & Associates, L.L.C. |
| 5. | Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law) | EF. 0000311 - Engineering VF. 0000154 - Survey |
| 6. | Prime consultant mailing address | 135 Regency Square, Lafayette, LA 70508 |
| 7. | Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria) | 135 Regency Square, Lafayette, LA 70508 |
| 8. | Name, title, phone number, and email address of prime consultant's contract point of contact | Travis Bodin Vice President, Survey (337) 237-2200 travisb@fenstermaker.com |
| 9. | Name, title, phone number, and email address of the official with signing authority for this proposal | Angelle Guilbeau, Chief Administrative Officer (337) 237-2200 angelleg@fenstermaker.com |

| 10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the | angelle Guilbeau |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| proposer has considered all proposals submitted from qualified, potential subcontractors and | |
| suppliers, and has not, in the solicitation, selection, or commercial treatment of any | Signature above shall be the same person listed |
| subcontractor or supplier, refused to transact or terminated business activities, or taken other | in Section 9: |
| actions intended to limit commercial relations, with a person or entity that is engaging in | |
| commercial transactions in Israel or Israel-controlled territories, with the specific intent to | Deter |
| nerson or other entity for reporting such refusal termination or commercially limiting actions | Date. Sentember 19-2023 |
| DOTD reserves the right to reject the response of the hidder or proposer if this certification is | september 19, 2025 |
| subsequently determined to be false, and to terminate any contract awarded based on such a | |
| false response. | |
| 11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this <u>Firm(s)</u> : | <u>Firm(s)' %:</u> |
| advertisement, indicate which firm(s) will be used to meet the DBE goal Not applicable | Not applicable |
| and each firm(s)' percentage. | |

12. <u>Past Performance Evaluation Discipline Table:</u>

| Sub-consultants are not allowed to be used for this proposal. Fill in the table by identifying only those evaluation disciplines consistent with the approach | | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--|--|--|--|--|
| and methodology proposed in Section 18 of the DOTD Form 24-102*, and the percentage of work in each past performance evaluation to be performed. The | | | | | | |
| percentage estimated for each evaluation discipline is for evaluation purposes only and will not control the actual performance or payment of the work. | | | | | | |
| Past Performance Evaluation Discipline(s) % of Overall Contract | | | | | | |
| | | | | | | |
| Survey | 100% | | | | | |

13. Firm Size:

| Firm name | DOTD Job Classification | Number of personnel committed to this contract | Total number of personnel available in this DOTD Job Classification (if needed) |
|-----------------------------------------|-------------------------|------------------------------------------------|---------------------------------------------------------------------------------------|
| C. H. Fenstermaker & Associates, L.L.C. | Principal | 1 | 3 |
| | Senior Technician | 4 | 9 |
| C H Fundare With B Absolution LLC | Surveyor | 3 | 4 |

SECTIONS 14 - 16







Extended Staff

Fenstermaker's Team is supported by approximately 270 professional staff including 24 licensed professional engineers, 22 licensed engineer interns, 16 registered professional surveyors, 20+ field survey crews, 8 certified construction inspectors, and a full staff of engineering technicians, GIS specialists, CAD operators, survey technicians, and other support personnel.

15. Minimum Personnel Requirements:

| MPR No. Do not insert wording from ad | Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement) | Firm employed by | Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil) | State of license | License / certification expiration date |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|------------------------------------------------------------------------------------------------|------------------|--------------------------------------------------|
| 1 | Travis Bodin, MBA, PLS, PMP | C. H. Fenstermaker & Associates, L.L.C. | PLS #5067 - Professional Land Surveyor | LA | 03/31/2024 |
| 2 | Justin Bordelon, PLS | C. H. Fenstermaker & Associates, L.L.C. | PLS #5271 – Professional Land Surveyor | LA | 03/31/2024 |

| Firm employed by C. H. Fenstermaker & Associates, L.L.C. | | | | |
|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------------------------------------------------------------------------|----------------------------------|
| Name Travis Bodin, MBA, PLS, PMP | | | Years of relevant experience with this employer | 18 |
| Title Vice Pr | Title Vice President, Survey and Mapping | | Years of relevant experience with other employer(s) | 1 |
| Degree(s) / Years / Sp | pecialization | | B.S. / 2004 / Industrial Technology | |
| | | | MBA / 2021 / Business Administration | |
| Active registration n | umber / state / expiration | date | 5067 / LA / 03-31-2024 | |
| Year registered | 2011 | Discipline | Professional Land Surveyor | |
| Contract role(s) / brief description of responsibilities | | | Principal | |
| Experience dates | Experience and qualification | ations relevant | to the proposed contract; <i>i.e.</i> , "designed drainage", "designed girders", | "designed intersection", etc. |
| (mm/yy-mm/yy) | Experience dates should | l cover the year | s of experience specified in the applicable MPR(s). | |
| Travis Bodin, MBA, 1 | PLS, PMP has extensive s | urveying, man | agement, and coordination experience. He has served as the Lead Pro | ofessional Land Surveyor for |
| projects across Louis | siana. His responsibilities | s have included | the management of surveying/ROW services, utility relocation coor | dination, coordinating with |
| parish, state, and fed | eral agencies and sub-con | sultants, cost e | stimating, scoping, scheduling and planning, resource management, an | d construction management |
| services. With his ba | ickground in surveying ar | iu project mana | agement, Mr. Bouin has performed and participated in multi-million- | dollar projects consisting of |
| DTM infrastructure | documentation CIS into | ration and pro | it of high accuracy GPS networks, fandowner notification and docume | intation, the development of |
| office activities on si | uocumentation, GIS integ | viocts | cess and procedure development. Mr. boum has conducted managem | ent duties for both held and |
| 02/20 = 12/20 East Delagroix Marsh Creation and Terraging (BS-37) Proj | | | Cerracing (RS-37) Project Breton Sound (St. Bernard Parish I.A) | This CWPPRA funded project |
| 02/20 12/20 | aimed to create and nourish 406 acres of marsh and construct approximately 12,950 linear feet of terraces. If constructed, this projection of the second sec | | | |
| would help to protect the community of Delacroix Louisiana from storm surge Fenstermaker was tasked by CPRA to perform tonog | | | PRA to perform topographic | |
| bathymotric and hydrographic survey | | | vs of the access and nipeline corridors marsh creation terracing and h | orrow areas Fenstermaker's |
| | scope also includes a ge | Suprice surve | ev and archeological survey of the horrow area. Mr. Bodin served as | the survey manager for this |
| | project | copitysical surv | cy and archeological survey of the borrow area. Mr. Doum served as | the survey manager for this |
| 07/06 07/09 | Horo Conal Lovoo Eas | t of Upryou Co | anal at the Mississinni Biver for New Orleans District USACE (Orl | onne & Lofforson Darishas |
| 03/00 - 03/08 | LA) This project provide | d improved hu | rrigana protogtion for the communities of Pollo Chase and Crotha. The | agone of the project included |
| | LA) This project provide | the Here Capa | Include protection for the communities of Belle Chase and Gretha. The | Podin was part of the survey |
| repairs and upgrades to the Hero Canal 1st lift by | | | I ist int by increasing the grade elevation approximately 1.5 feet. Mr. I | bouilt was part of the survey |
| team to set four permanent benchmark | | | s were placed along the land side of the levee fight-of-way. The fight | ographic survey performed |
| at Hero Canai was periormeu at standards that meet or exceed the U.S. Army Corps of Engineers minimum accurate | | | | |
| control, and quality assurance requirements | | | hents for Navigation and Dredging support surveys for a soft bottom m | laterial classification. |
| 10/12 – 05/14 S.P. No. H.008173: US 190 & 4-H Clu | | | b Rd (LA 1032) Turn Lanes (Livingston Parish, LA) This project inv | olved the construction of an |
| additional turning lane along 4-H Club | | | Roadway, located in Livingston Parish, LA. Fenstermaker was responsi | ble for creating construction |
| | plans, and Mr. Bodin | served as the | Lead Surveyor, responsible for coordinating the survey crew to co | llect topography, boundary |
| | information, and draina | ge information | . He also coordinated with the title abstractor and processed the survey | data into a LADOTD format |
| | for use in CAD . | | | |

| 01/13 - 03/13 | I-20 Drainage Canal Bridge Survey As a subconsultant to Huval and Assoc., Inc, Fenstermaker's responsibilities were surveying the |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| | existing extents of the project area and locating existing drainage, road, and utilities in the area for creation of a CAD file, Digital Terrain |
| | Model (DTM), and Microstation deliverables. Mr. Bodin served as a survey technician on this project. |
| 04/17 - 01/19 | 2015 Wastewater Force Main Improvements Phases 1 & 2 (Lafayette Parish, LA) The City of Carencro is building a new Wastewater |
| | Treatment Plan (WWTP) near the existing WWTP along Post Road. This new WWTP is being designed to process the flow from the entire |
| | city to replace the existing Manola Drive and Post Road WWTPs. The new Francois Street Lift Station will be designed to handle the entire |
| | tributary area currently going to the Manola Drive WWTP. The Manola Drive Lift Station will also be upgraded to accommodate the |
| | additional headlosses associated with pumping wastewater a greater distance to the new Francois Street Lift Station. Mr. Bodin was |
| | responsible for reviewing all servitude plats, completing all boundaries, processing survey data in CAD, and coordinating needed property |
| | transfers. |
| 12/17 - 08/18 | City of Carencro 2018 Asphalt Overlay (Lafayette Parish, LA) Fenstermaker was contracted to provide surveying, design, utility |
| | coordination, temporary traffic control and construction administration and inspection. The project was located along several different |
| | roadways within the City. The planned construction includes milling, overlay and patching along approximately 2,350-ft. of Hector |
| | Connoly Road, 1,250-ft. along W. Butcher Switch Road, and 290-ft along Guilbeau Road. The project is following LADOTD Road Design |
| | Manual and MUTCD standards and procedures. Mr. Bodin served as Survey Principal. |
| 05/19 - 03/21 | S.P. H.005967 Port of Lake Charles Rail at W. Sallier St. (Calcasieu Parish, LA) Fenstermaker completed the topographic and boundary |
| | surveys, established control, processed data, reviewed title reports, established property boundaries, and mapped encumbrances for the |
| | ~0.75 miles Railroad Relocation. LADOTD survey feature codes were utilized for this project, and LADOTD right-of-way maps along with |
| | COGOWIN legal descriptions were created. Mr. Bodin served as Project Principal and performed quality assurance and quality control tasks |
| | for this project. |
| 09/13 - 01/19 | LADOTD Permit No. 153198, 153357, 153587: Sasol LCCP-Heavy Haul Road Engineering and Construction (LA378 & LA379) |
| | (Calcasieu Parish, LA) Mr. Bodin served as the Lead Surveyor in providing topographic, boundary, and route surveying to aid in the |
| | coordination with public and state agencies for the construction of a 2.4-mile roadway. Services include mapping for the acquisition of |
| | agreements between Sasol and third-party utilities, platting for acquisition and dedication of property needed for various construction |
| | activities and state agencies, and Quality Control services of construction activities that were conducted which included monument review |
| | and location mapping. Mr. Bodin was responsible for field coordination, data processing, ROW generation, servitude and ROW mapping |
| | and topo surveys. |
| 12/08 - 07/18 | LADOTD Permit No. 03030387: Kaliste Saloom Road Widening, Intersection Improvements, Bridge, and CE&I (LA 3073 to LA |
| | 733) (Amb. Caffery to E. Broussard Rd) (Lafayette Parish, LA) Mr. Bodin served as the Surveyor Project Manager. Fenstermaker |
| | performed the topographic survey of all cross street and road tie-ins, cross sections for the purpose of an existing elevation DTM and parcel |
| | boundaries effected by the ROW. Mr. Bodin was responsible for field crew coordination, topo/boundary surveys, ROW plats, monuments, |
| | data processing, plats and legal descriptions. |

| Firm employed by | Firm employed by C. H. Fenstermaker & Associates, L.L.C. | | | | | |
|--------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------------------------|--------------------------------|--|--|
| Name Bradford Millett, PLS, EI | | | Years of relevant experience with this employer | 10 | | |
| Title Survey | Title Surveyor 1 | | Years of relevant experience with other employer(s) 0 | | | |
| Degree(s) / Years / Sp | pecialization | | B.S. / 2014 / Civil Engineering | 80 | | |
| Active registration n | umber / state / expiration | date | PLS 5245 / LA / 03-31-2025 | | | |
| | | | EI 32848 / LA / 09-30-2024 | | | |
| Year registered | PLS – 2020 | Discipline | Professional Land Surveyor | | | |
| | EI - 2016 | | Engineer Intern | | | |
| Contract role(s) / brie | ef description of responsit | oilities | Surveyor | | | |
| Experience dates | Experience and qualifica | tions relevant | to the proposed contract; <i>i.e.</i> , "designed drainage", "designed girders", | "designed intersection", etc. | | |
| (mm/yy-mm/yy) | Experience dates should | cover the year | s of experience specified in the applicable MPR(s). | | | |
| Ms. Millett is a Profes | ssional Land Surveyor at F | enstermaker w | hose responsibilities consist of field crew coordination, data collection | and processing, preliminary | | |
| layout and design of | boundary and right of wa | y plats, ALTA | surveys and Development and Planning subdivision platting process. | Her experience also includes | | |
| project management | as well as public meeting | gs, client relati | ons, utility coordination, and other components associated with surve | eying services. Ms. Millett is | | |
| also responsible for t | he preparation of proposa | ils for the Engi | neering, Advanced Technologies, and Surveying Divisions. | | | |
| 10/18 - 05/19 | Farm Road Multi-Bridg | ge Replaceme | nt (Calcasieu Parish, LA) Fenstermaker was contracted by Calcasieu | Parish Police Jury to provide | | |
| | professional engineering | g services relat | ed to the replacement of two (2) bridges located on Farm Road. Ms. Mi | llett worked with the project | | |
| | engineer to complete the | e project contr | ol establishment and topographic survey required for this project. | | | |
| 04/16 – 09/18 Lebesque Road Bridge Replacement a | | | t and Road Reconstruction (Lafayette Parish, LA) Fenstermaker | was contracted by Lafayette | | |
| | Consolidated Governme | nt to provide t | he design of the replacement of Lebesque Bridge and Lebesque Road | Reconstruction. Ms. Millett | | |
| | served as the lead survey | yor, providing s | survey crew coordination, utility coordination, boundary surveys and r | ight-of-way plats. | | |
| 02/20 | East Delacroix Marsh (| Creation and T | Ferracing (BS-37) Project, Breton Sound (St. Bernard Parish, LA) | This CWPPRA funded project | | |
| | aims to create and nouri | sh 406 acres of | marsh and construct approximately 12,950 linear feet of terraces. this | project would help to protect | | |
| | the community of Delac | croix, Louisian | a from storm surge. Fenstermaker was tasked by CPRA to perform to | pographic, bathymetric and | | |
| | hydrographic surveys | of the access an | d pipeline corridors, marsh creation, terracing and borrow areas. Fenste | rmaker's scope also included | | |
| | a geophysical survey and | l archeological | survey of the borrow area. Ms. Millett assisted with landowner commu | inication on the project. | | |
| 03/20 - 11/21 | Hanks Dr/Landis Dr Pe | d Improveme | nts, Phase 1 & 2 (East Baton Rouge Parish, LA) Hanks Drive and La | ndis Drive are neighborhood | | |
| streets in northern Baton Rouge, off Ai | | | irline Hwy (US 190) north of Greenwell Springs Road (LA 37). This area experiences a high volume | | | |
| of pedestrian and bicycle traffic even in t | | e traffic even ir | n the absence of sidewalks. Fenstermaker provided topographic surveys and ROW services for Phase | | | |
| 1 and Phase 2 of the project, respectivel | | ject, respective | ely, and those surveys were completed in accordance with LADOTD and MovEBR Standards ahead | | | |
| of schedule. Ms. Millett was responsible f | | was responsible | e for completing the topographic survey, processing data, coordination with field crews, establishing | | | |
| project control, producing LADOTD deliv | | ng LADOTD de | liverables, as well as producing the CAD file for the Engineer. | ,8 | | |
| | | | | | | |
| 05/13 – 02/20 US 90 (I-49 South) Albertson Pkwy to Amba | | ertson Pkwy to | Ambassador Caffery Design-Build (Lafayette Parish, LA) This proje | ect was a proposed upgrading | | |
| of a portion of US 90 in Lafayette Parish westbound frontage road system, constru | | Lafayette Par | ish to a six-lane controlled access facility to also include improveme | ents to the existing east and | | |
| | | d system, cons | ruction of a new six-lane US 90 overpass structure over both Albertson Parkway and the existing | | | |

| | Burlington Northern Santa Fe Railway facility, and construction of all associated US 90 mainline ramps needed to connect these overpass structures and frontage roads. Ms. Millett was responsible for reviewing all LADOTD right-of-way maps |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 02/18 - 04/20 | Churchpoint Road at Roddy Road Roundabout Study, Design, and Redesign (Ascension Parish, LA) Fenstermaker completed a roundabout study at Churchpoint Road and Roddy Rd. The study was completed in compliance with "EDSM VI.1.1.5, Roundabout Study and Approval." Following LADOTD 's approval, Fenstermaker began final design of the roundabout. The traffic analysis included utilization of the software SIDRA to compare a stop-controlled intersection, signalized intersection, and roundabout. Safety data was collected for a three-year period and analyzed for correctible crashes at the intersection. Ms. Millett coordinated with survey crews, processed data, completed preliminary boundary layouts, and developed right of way maps for this intersection. |
| 05/14 – 11/17 | LADOTD Permit No. 153351,153352,153353: Lake Charles LNG Traffic Impact Analysis and Road Improvements (Calcasieu Parish, LA) Fenstermaker was responsible for designing road improvements at various locations to support anticipated construction traffic associated with the expansion of the Lake Charles LNG, G2X, and Magnolia Facilities. Topographic and boundary surveys associated with the planned improvements, right of way maps, as well as coordinating and managing utility relocations were performed by Fenstermaker. Ms. Millett prepared survey request, coordinated survey crews, reviewed, and processed survey data, prepared right of way maps, and coordinated with utility companies. |
| 03/20 – 11/21 | Hanks Dr/Landis Dr Ped Improvements, Phase 1 & 2 (East Baton Rouge Parish, LA) Hanks Drive and Landis Drive are neighborhood streets in northern Baton Rouge, off Airline Hwy (US 190) north of Greenwell Springs Road (LA 37). This area experiences a high volume of pedestrian and bicycle traffic even in the absence of sidewalks. Fenstermaker provided topographic surveys and ROW services for Phase 1 and Phase 2 of the project, respectively, and those surveys were completed in accordance with LADOTD and MovEBR Standards ahead of schedule. Ms. Millett was responsible for completing the topographic survey, processing data, coordination with field crews, establishing project control, producing LADOTD deliverables, as well as producing the CAD file for the Engineer. |
| 05/19 - 03/21 | S.P. H.005967 Port of Lake Charles Rail at W. Sallier St. (Calcasieu Parish, LA) Fenstermaker completed the topographic and boundary field surveys, established control, post-processed data, reviewed title reports, established property boundaries and mapped encumbrances for the approximately 0.75-mile Railroad Relocation for the Port of Lake Charles. LADOTD survey feature codes were utilized for this project, and LADOTD Right of Way maps along with COGOWIN legal descriptions were created. Ms. Millett served as the Project Manager. |

| Firm employed by C. H. Fenstermaker & Associates, L.L.C. | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Name Justin Bordelon, PLS, PSM | | Years of relevant experience with this employer 17 | | |
| Title Manag | ger, Surveyor | Years of relevant experience with other employer(s) 0 | | |
| Degree(s) / Years / Specialization | | B.S. / 2009 / Business Administration | | |
| Active registration n | umber / state / expiration date | 5271/LA/03-31-2024 | | |
| Year registered | 2021 Discipline | Professional Land Surveyor | | |
| Contract role(s) / bri | ef description of responsibilities | Professional in Charge | | |
| Experience dates | Experience and qualifications relevant t | to the proposed contract; <i>i.e.</i> , "designed drainage", "designed girders", "designed intersection", etc. | | |
| (mm/yy-mm/yy) | Experience dates should cover the year | s of experience specified in the applicable MPR(s). | | |
| Justin Bordelon, PL hydrographic survey projects, including a and managed crews remote sensing proje client interaction an | S is a Professional Land Surveyor in Lou 7. As he gained more experience, Mr. Bo n inspection of over 100 bridges for the Lo in Lafayette, Shreveport, and Midland, T ects. He also acts as Project Manager and id coordination. | uisiana. His initial surveying work included performing underwater acoustic investigations and rdelon became Fenstermaker's underwater acoustic investigation manager and worked on many ouisiana Department of Transportation and Development. He then became a Survey Crew Manager IX. Mr. Bordelon currently coordinates and supervises activities of field and office personnel for assists in pre-project planning and post data collection analysis. Additionally, he is responsible for | | |
| 2012 - 2014 | Underwater Acoustic Imaging for B | ridge Inspection Statewide (Louisiana) Fenstermaker was contracted to provide Underwater | | |
| | Acoustic Imaging (UAI) services for the consisted of an underwater acoustic In beam imaging, and profiling remote se | e underwater bridge inspection of pier systems for 72 state-maintained bridges. The project scope spection and evaluation of the submerged components of the piers utilizing a multi-axis, steered ensing system with all acoustic data correlated to a Real Time Kinematic (RTK) GPS positioning | | |
| system. The purpose of the inspection and evaluation was to identify and locate any major damage or deterioration of the pier stu | | | | |
| | along with a detailed localized inspection | on of any observed anomalies using both the acoustic imaging system and dive inspection; and to | | |
| | identify any localized scour impact or e | prosion of the surrounding water bottom Mr. Bordelon was responsible for the management of all | | |
| | field resources (personnel and equipme | ent) and the quality and accuracy of all field data collection activities. | | |
| 11/20 -05/21 | New Orleans Outfall Canals Survey | (SLFPA) (Orleans Parish, LA) Mr. Bordelon served as the project manager to map out the New | | |
| | Orleans Outfall Canals utilizing Multibe the Flood Protection Authority, coordir | eam and LiDAR technology for erosion detection and monitoring. Tasks included coordination with nating and scheduling field crews, overseeing office data processing and deliverable generation. | | |
| 03/13 - 04/13 | ALDOT Duncan Bridge UAI Inspection the Duncan Bridge over the Sipsey Rive | on (Winston County, AL) Fenstermaker performed an Underwater Acoustic Investigation (UAI) at r in Winston County. The UAI survey team investigated Piers 2 and 3 with a specialized steer beam | | |
| | UAI and Profiling System based on the | Konigsberg-Mesotech MS1000 sector scanning sonar. Fenstermaker deployed the UAI system from | | |
| | a 28-foot survey vessel and collected da | ita at Piers 2 and 3 and the adjacent water bottom. Mr. Bordelon served as the project manager and | | |
| | was responsible for mobilizing the tea | am and equipment, imaging and profiling the bridge piers, processing data, creating mosaics in | | |
| | Microstatiion, and preparing all deliver | able for the client. | | |
| 05/23 - 06/23 | LA Hydro Multibeam and LiDAR S | urvey (Avoyelles Parish, LA) Fenstermaker conducted an above-the-water LiDAR study and | | |
| | underwater bathymetric survey of the S | Sidney A. Murray Jr. Power Station dam and river embankments. The purpose of the project was to | | |
| | supplement Underwater Acoustics Int | ernational's (UAIs) comprehensive underwater 2D and 3D sonar imaging investigation of the | | |

| | submerged areas of the dam. Mr. Bordelon was responsible for setting up the infopak for the survey crew and leading the project kickoff meeting, processing collected data, and preparing deliverables for the client. |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2011 - 2012 | Acoustic Survey, Underwater and Structural Inspection of State Maintained Dams Statewide (Louisiana) Fenstermaker was contracted to perform dam system evaluations of fourteen (14) state-maintained dam systems issued through separate Task Orders including Bundicks Creek Dam, Lower Anacoco Dam, Vernon Lake Dam, Grand Reservoir Dam, Ivan Lake Dam, Iatt Lake Dam, Bayou Cocodrie Dam, Chicot Lake Dam, Lake Claiborne Dam, Black Bayou Dam, Nantachie Lake Dam, Smithport Lake Dam, Kepler Creek Dam, and Turkey Creek Dam. Mr. Bordelon served as the Field Team Crew Leader and lead acoustic technician on this project. |
| 09/10 | Leeville Pier #1 Acoustic Imaging (Lafourche Parish, LA) Survey Technician: Fenstermaker was contracted to perform and Underwater Acoustic Imaging Investigation of the partially removed Pier 1 remnant from the old Leeville Bridge over Bayou Lafourche. The intention was to document the disposition of the pier remnant, providing information for planning of further removal of the pier remnant. |
| 03/10 | Almonaster St. Bridge Damage Inspection (Orleans Parish, LA) Survey Technician: Fenstermaker was contracted to perform and Underwater Acoustic Imaging investigation of the Almonaster Avenue Bridge and the fendering system for the bridge. This entailed scanning the bridge abutments as well as the fendering system and Dolphin Cells as well as documenting the disposition of debris on the water bottom. Mr. Bordelon served as project manager and survey technician in support of the dive work performed on the project |
| 11/19 - 04/20 | Third Coast Midstream - Hurricane Barry NTL & DOC Survey: Fenstermaker was contracted to provide a Hydrographic Survey for ThirdCoast Midstream to check for any exposed pipelines or damaged subsea tie-ins after the Hurricane Barry Event for pipelines in VermilionBay, West Cote Blanche Bay, East Cote Blanche Bay and the Gulf of Mexico. The pipeline owners included AMID (Seacrest), Henry GasHigh Point, and Panther Operating. Fenstermaker imaged approximately 152 miles along the pipeline corridors with a sidescan sonar,magnetometer, echosounder and RTK. Mr. Bordelon served as the project manager and supervised all field and office activities. |
| 08/13 - 02/14 | Cote Blanche Bay Site Investigation (St. Mary Parish, LA) Fenstermaker was contracted by LaHaye Consulting to perform a remote sensing underwater hydrographic survey for Settoon Towing in West Cote Blanche Bay around and existing barge dock facility and along a prescribed corridor in support of construction activities. Mr. Bordelon was the Project Manager, Lead Field Technician, and assisted in the data processing and deliverables for the Cote Blanche Bay Site Investigation Survey. |
| 02/20 - 12/20 | East Delacroix Marsh Creation and Terracing (BS-37) Project (Breton Sound, St. Bernard Parish, LA) Survey Technician: This CWPPRA funded project aims to create and nourish 406 acres of marsh and construct approximately 12,950 linear feet of terraces. If constructed, this project would help to protect the community of Delacroix, Louisiana from storm surge. Fenstermaker was tasked by CPRA to perform topographic, bathymetric, and hydrographic surveys of the access and pipeline corridors, marsh creation, terracing and borrow areas. Fenstermaker's scope also includes a geophysical survey and archeological survey of the borrow area. Mr. Bordelon assisted with the development of the survey plan and is participating in all aspects of field data collection and development of deliverables. |

| Firm employed by | Firm employed by C. H. Fenstermaker & Associates, L.L.C. | | | | |
|----------------------------------------|---------------------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|--|
| Name Lance Fontenot | | | Years of relevant experience with this employer | 17 | |
| Title Survey | Title Survey 360 Technician III | | Years of relevant experience with other employer(s) | 0 | |
| Degree(s) / Years / Sp | pecialization | | A.S. / 2006 / Survey & Drafting | | |
| Active registration n | umber / state / expiration | date | Not applicable | | |
| Year registered | Not applicable | Discipline | Not applicable | | |
| Contract role(s) / brie | ef description of responsib | ilities | Field Coordinator | | |
| Experience dates | Experience and qualifica | tions relevant 1 | to the proposed contract; <i>i.e</i> ., "designed drainage", "designed girders", " | designed intersection", etc. | |
| (mm/yy-mm/yy) | Experience dates should | cover the year | s of experience specified in the applicable MPR(s). | | |
| Mr. Fontenot serves | as a lead Unmanned Aeria | al Vehicle (UA) | V) and High-Definition Scanning (HDS) / Dimensional Control survey | technician and oversees all | |
| field HDS/DC operation | ions for projects to ensure | e that QA/QC g | guidelines and procedures are being followed. He also provides the day | y-to-day technical guidance | |
| and has final say in | submission of all data to | o project mana | agers. Mr. Fontenot has performed UAV Surveys, HDS Scanning, Dir | nensional Control support, | |
| Boundary/Right-of-V | Vay, Pipeline, Topographi | c, Roadway, Co | nstruction, Oil & Gas, Geodetic, Hazard, and Accident Surveys primarily | <i>y</i> across the Gulf Coast Area. | |
| 2012 - 2014 | Underwater Acoustic In | naging for Br | idge Inspection (Louisiana Statewide) Fenstermaker was contracted | to provide Underwater | |
| | Acoustic Imaging (UAI) s | services for the | underwater bridge inspection of pier systems for 72 state-maintained | bridges. The project scope | |
| consists of an Underwater Acoustic Ins | | | pection and evaluation of the submerged components of the piers utiliz | zing a multi-axis, steered | |
| beam imaging and profiling remote ser | | | ising system with all acoustic data correlated to a Real Time Kinematic | (RTK) GPS positioning | |
| | system. Mr. Fontenot ser | ved as Lead Su | irvey Technician. | | |
| 12/20 - 01/21 | New Orleans Outfall O | anals Survey | (SLFPA) (Orleans Parish, LA) Fenstermaker mapped the New Orlea | ans Outfall Canals utilizing | |
| | Multibeam and LiDAR te | chnology for e | rosion detection and monitoring. Tasks included coordination with the | Flood Protection Authority, | |
| | coordinating and schedu | ling field crews | s, overseeing office data processing and deliverable generation. Mr. Fon | tenot processed LiDAR data | |
| | for all canals surveyed. | | | | |
| | | 1 - 1 - 1 - 0 | | | |
| 05/23 – 06/23 | LA Hydro Multibeam | and LiDAR S | Survey (Avoyelles Parish, LA) Fenstermaker conducted an above-t | he-water LiDAR study and | |
| | underwater bathymetric | survey of the S | Sidney A. Murray Jr. Power Station dam and river embankments. The p | urpose of the project was to | |
| | supplement Underwater | Acoustics Int | ernational's (UAIs) comprehensive underwater 2D and 3D sonar im | aging investigation of the | |
| | submerged areas of the o | lam. Mr. Fonte | not was responsible for collecting and processing LiDAR data, GPS data | , and washout photography. | |
| 11/18 - 01/19 | Form Dood Bridges Dre | ioct (Calcasio | u Darish I A) Egyptormaker provided professional engineering services | s related to the replacement | |
| | of two (2) timbor bridge | s located on E | arm Pond between IA 307 and Manchester Pond just east of Lake Cl | harles and southoast of the | |
| | Chonnault International | Airport Tho | project's scope consisted of professional surveying ready and hri | dra dosign bydrologic and | |
| | bydroulic applysis woth | Allpoit. The | n and LISACE permitting geotechnical investigations load rating d | atormination dynamic nilo | |
| | inyuraune analysis, weth | | in and USACE permitting, geotechnical investigations, load fating of | stermination, dynamic pre | |
| | monitoring and vibration | n monitoring s | ervices, utility coordination, right-of-way surveying, title work, right-o | I-way plat preparation, and | |
| | construction phase servi | ces. Mr. Fonter | not processed gps and tps data, searched for property corners during the | ne field data collection, and | |
| | conducted the topograph | nic survey of dr | iveways along Farm Road. | | |
| | monitoring and vibration construction phase servi conducted the topograph | n monitoring s ces. Mr. Fonter nic survey of dr | ervices, utility coordination, right-of-way surveying, title work, right-o not processed gps and tps data, searched for property corners during the iveways along Farm Road. | f-way plat preparation, and he field data collection, and | |

| 08/10 - 10/11 | Leeville Pier #1, Acoustic Imaging (Lafourche Parish, LA) Fenstermaker performed a Topographic and High Definition (Laser Scan) Survey of the West Larose Vertical Lift Bridge on LA 1 in Larose, Louisiana for Modjeski & Masters to support the bridge renovation effort for LADOTD . As a result of the survey, Fenstermaker established low steel vertical clearances in the bridge up and down positions, bridge pier elevations, and roadway clearances at the approaches, temporary benchmarks as a baseline for future surveys, and shoreline topographic surveys on both sides of the channel within the limits of the existing fenders and 50 feet in each direction. Mr. Fontenot served as the Lead Field Survey Technician on this project and lead the data processing effort. |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 03/15 - 04/15 | LADOTD-Harrisonburg Bridge Laser Scanning Survey Fenstermaker provided 3D laser scanning and high precision measurement of the in-water and land-based bridge pier supports and superstructure for LADOTD for providing critical measurements used to determine if any misalignment issues exist with the center swing span structure and the land-based approach spans. Fenstermaker also used a high accuracy 1" total station to collect positional data on monitoring targets strategically placed during a previous survey performed five years prior for comparing this data to the positional data collected on these targets during the previous survey. The dataset was critical in illustrating any movement the bridge may have encountered or misalignment issues that have occurred over the 5-year timeframe because of vessel impacts. Mr. Fontenot served as lead technician in processing the laser scan data and generating the deliverables for this project. |
| 12/10 | Lake Pontchartrain Shoreline Protection (Tangipahoa & St. John the Baptist Parish Parishes, LA) In 2010, Fenstermaker was contracted by HDR Engineering, Inc. (HDR) for topographic and hydrographic for a Lake Pontchartrain Shoreline Protection Project. The purpose of the survey was to gather data for the design of a parallel shoreline protection system to abate further shoreline erosion for the Tangipahoa Parish Government. In 2020, Fenstermaker was asked to perform topographic, bathymetric, magnetometer, and ordinary high water boundary determination between private and State lands surveys along the western shoreline of Lake Pontchartrain in St. John the Baptist Parish for the engineering and design of rock shoreline breakwaters. Mr. Fontenot worked on the topographic surveys for both projects. |
| 05/21 - 06/21 | Placement Area 14 Dike Raise Project (Houston Ship Channel, TX) Fenstermaker was contracted by Pontchartrain Partners, LLC for the Houston Ship Channel project designed by the U.S. Army Corps of Engineers. Fenstermaker is currently performing a Topographic Survey utilizing LiDAR and Conventional Surveying methods with GPS and a total station. Mr. Fontenot processed LiDAR ad photogrammetry data, planned UAV flights, and processed aerial images for MapAnalyst. |
| 09/13 - 10/19 | Sasol LCCP- Heavy Haul Road Engineering & Construction (LA 378 & LA 379) (Calcasieu Parish, LA) This is a \$12.9 million contract with Fluor for engineering and consulting services which include the design of a 1.5-mile heavy haul route that will be utilized to transport oversized modules from the Calcasieu River to the proposed plant site in Westlake. Fenstermaker provided topographic, boundary, and route surveying services to aid in the coordination with public and state agencies. Services include mapping for the coordination and acquisition of agreements between Sasol and third-party utility companies, platting for acquisition and dedication of property needed for various construction activities and state agencies, and quality control services of construction activities that were being conducted on site which included monument review and location mapping. Mr. Fontenot was a survey technician who performed field surveys, processed data and created maps and plats. Mr. Fontenot was also responsible for aerial photogrammetry of plant locations, processing of data and survey project deliverables. |

| Firm employed by | C. H. Fenstermaker & Associates | , L.L.C. | | | | | |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--|--|--|--|
| Name Joe Bro | oussard | Years of relevant experience with this employer 8.5 | | | | | |
| Title Survey | Technician III | Years of relevant experience with other employer(s) 2 | | | | | |
| Degree(s) / Years / Sp | pecialization | B.A. / 2003 / Creative Writing | | | | | |
| Active registration n | umber / state / expiration date | Not applicable | | | | | |
| Year registered | Not applicable Discipline | Not applicable | | | | | |
| Contract role(s) / brie | ef description of responsibilities | Field Coordinator | No. | | | | |
| Experience dates | Experience and qualifications relevant t | to the proposed contract; <i>i.e.</i> , "designed drainage", "designed girders", "designed intersection", | etc. | | | | |
| (mm/yy-mm/yy) | Experience dates should cover the years | s of experience specified in the applicable MPR(s). | | | | | |
| Mr. Broussard is a su | rvey technician with extensive experience | ce in both coastal restoration and underwater acoustic and bathymetric survey operations. He a | acts | | | | |
| as a lead technician i | in data collection activities for all underv | water surveys and has expertise in operating a variety of surveying systems, including the Leica | a 1" | | | | |
| Robotic Total Station | ns, high-speed terrestrial laser scanning | systems, RTK-GPS Systems, underwater acoustic imaging sonar/profilers, side scan sonar, mu | ılti- | | | | |
| beam systems, single | beam echosounders, and pipeline locati | on devices. Mr. Broussard has performed survey services such as High-Definition Scanning (HI | JS), | | | | |
| Dimensional Control | (DC), Boundary/Right-ol-way, Pipeline, | (SUEDA) (Orleans Derich IA). Mr. Brousserd served as a survey technician and manned out | the | | | | |
| 11/20 - 02/21 | New Orleans Outfall Canals survey | (SLFPA) (Orleans Parisn, LA) MI. Broussard served as a survey technician and mapped out | the | | | | |
| | New Orleans Outlan Canals utilizing Mi | utilibeam and LiDAR technology for erosion detection and monitoring. Tasks included coordinat | lon | | | | |
| | With the Flood Protection Authority, co | brainating and scheduling field crews, overseeing office data processing and deliverable generation with a LiDAD supervision down a task of a second generation supervision data and the second s | lon. | | | | |
| | Mr. Broussard was responsible for conducting the LiDAR survey using drone technology and processing survey data collected. | | | | | | |
| 06/23 | LA Hydro Multibeam and LiDAR Survey (Avoyelles Parish, LA) Fenstermaker conducted an above-the-water LiDAR study and | | | | | | |
| | underwater bathymetric survey of the Sidney A. Murray Jr. Power Station dam and river embankments. The purpose of the project was to | | | | | | |
| | supplement Underwater Acoustics International's (UAIs) comprehensive underwater 2D and 3D sonar imaging investigation of the | | | | | | |
| | submerged areas of the dam. Mr. Broussard served as the project manager and was responsible for side scan sonar and backscatter data | | | | | | |
| | processing. | | | | | | |
| | | | | | | | |
| 06/10 - 04/12 | Lake Pontchartrain Shoreline Prote | ction (Tangipahoa & St. John the Baptist Parish Parishes, LA) in 2010, Fenstermaker | was | | | | |
| | contracted by HDR Engineering, Inc. | (HDR) for topographic and hydrographic surveys for a Lake Pontchartrain Shoreline Protect | tion | | | | |
| | Project. The purpose of the survey was | to gather data for the design of a parallel shoreline protection system to abate further shorel | line | | | | |
| | erosion for the Tangipahoa Parish Gov | ernment. In 2020, Fenstermaker was asked to perform topographic, bathymetric, magnetome | ter, | | | | |
| | and ordinary high water boundary determination between private and State lands surveys along the western shoreline of Lake | | | | | | |
| | Pontchartrain in St. John the Baptist Parish for the engineering and design of rock shoreline breakwaters. Mr. Broussard processed GPS | | | | | | |
| | and bathymetric data and provided info | ormation to the project's field crews. | | | | | |
| 07/20 - 05/22 | Maurepas Freshwater Diversion and | West Lake Shore Pontchartrain Reaches 16-19 (St. John the Baptist Parish, LA) The Maure | epas | | | | |
| | Diversion is a proposed 2,000 cubic for | ot per second (cfs) freshwater diversion from the Mississippi River into the Maurepas Swamp. | The | | | | |
| | West Shore Lake Pontchartrain (WSLP |) project will provide hurricane and storm-damage risk reduction in St. Charles and St. John | the | | | | |
| | Baptist Parishes. Fenstermaker was tas | sked to collect survey data to provide sufficient information for engineering design. Survey d | lata | | | | |
| | collected include topographic, hydrographic, and geodetic Real-time Kinematic (RTK) GPS technology, along with single and multi-beam | | | | | | |

| | bathymetric data collection, and aerial LiDAR surveys were all implemented to provide the survey data necessary for planning of the next phases of this project. Mr. Broussard coordinated field crews, drafted reports, and reviewed and processed data. |
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| 07/14 - 10/17 | LADOTD Permit No. 153351, 153352, 153353: Lake Charles LNG Traffic Impact Analysis and Road Improvements including CE&I (LA384 & LA385) (Calcasieu Parish, LA) Fenstermaker was contracted by Trunkline LNG for their plant expansion, drainage analysis and channel relocation project. Fenstermaker completed a detailed HEC-RAS model to determine the impacts of rerouting a major drainage channel that traversed the proposed expansion site. Mr. Broussard was responsible for coordinating survey field activities in locating pipelines and a riser station. |
| 12/20 - 12/22 | RESTORE and Community Development Block Grant (CDBG) Rockefeller Refuge Gulf Shoreline Stabilization (ME 35 ME 37) (Cameron Parish, LA) The overall project entails the tying of a rock breakwater into the west bank of Joseph Harbor and constructed westward along the gulf shoreline for nine miles. ME-37 project will extend the CWPPRA ME-18 project by an additional mile. Mr. Broussard finalized info packs, created DXFs of CAD models for the filed crews. and performed reviews of collected data and CAD profiles. |
| 11/19 | Farm Road Bridges Project (Calcasieu Parish, LA) Fenstermaker provided professional engineering services related to the replacement of two (2) timber bridges located on Farm Road between LA 397 and Manchester Road, just east of Lake Charles and southeast of the Chennault International Airport. The project's scope consisted of professional surveying, roadway and bridge design, hydrologic and hydraulic analysis, wetland delineation and USACE permitting, geotechnical investigations, load rating determination, dynamic pile monitoring and vibration monitoring services, utility coordination, right-of-way surveying, title work, right-of-way plat preparation, and construction phase services. Mr. Broussard was responsible for the topographic survey of Farm Road. |
| 12/17 - 03/20 | Rockefeller Refuge 107-Acre Mitigation (Cameron Parish, LA) Rockefeller Refuge is a 70,000+ acre marsh management and wildlife and fisheries research area. Part of the management plan is to convert open water areas back to vegetated marsh. As a subcontractor to HDR Engineering, Fenstermaker's scope was to provide a true color image of the as-is vegetative area, LIDAR elevations, and an identification analysis of the marsh vegetation to document the current dominant species of the marsh ecosystem. Fenstermaker flew all 107 acres during a post-construction flight survey, with RGB and multispectral sensors as well as a LIDAR sensor. Fenstermaker used the data to create georectified RGB tiffs as well as multispectral band tiffs to use in image analysis processing. Mr. Broussard served as party chief and performed field surveying services. |
| 05/21 | Placement Area 14 Dike Raise Project (Houston Ship Channel, TX) Fenstermaker was contracted by Pontchartrain Partners, LLC for the Houston Ship Channel project designed by the U.S. Army Corps of Engineers. Fenstermaker is currently performing a Topographic Survey utilizing LiDAR and Conventional Surveying methods with GPS and a total station. Mr. Broussard performed equipment preparation and load out and LiDAR, photogrammetry, and topographic survey tasks. |

| Firm employed by | C. H. Fenstermaker & Associates | s, L.L.C. | |
|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name Brett D | Dufour | Years of relevant experience with this employer 17 | |
| Title Survey | 360 Technician III | Years of relevant experience with other employer(s) 2 | |
| Degree(s) / Years / Sp | pecialization | A.S. / 2004 / Civil, Surveying and Mapping Technology | 0 00 |
| Active registration n | umber / state / expiration date | Not applicable | (FER) |
| Year registered | Not applicable Discipline | Not applicable | |
| Contract role(s) / brid | ef description of responsibilities | CAD Technician | |
| Experience dates | Experience and qualifications relevant | to the proposed contract; <i>i.e.</i> , "designed drainage", "designed girders", "designed girders", "designed drainage", "designed girders", "designed drainage", "designed girders", "designed drainage", "designed girders", "designe | gned intersection", etc. |
| (mm/yy–mm/yy) | Experience dates should cover the year | rs of experience specified in the applicable MPR(s). | |
| Technologies Divisio surveys, hydrographi survey methods as v Dimensional Control 11/11 – 11/13 | on. Mr. Dufour is proficient in all data p ic surveys, route surveys, subsidence surveys well as the latest, most current technol (DC). DOTD P.O. No. 005365.5: Underwater and is currently providing Underwater maintained bridges. The project scope piers utilizing a multi-axis, steered be Kinematic (RTK) GPS positioning syste deterioration of the pier structures alor system and dive inspection; and to id processed, and mosaics of the acous recommendations resulting from the U detail drawings for reports. | processing aspects of high-definition laser scan survey, dimensional control veys, geodetic control surveys, hazard surveys, and boundary surveys. He is fa- logies, including Underwater Acoustic Imaging (UAI) and High-Definition er Acoustic Imaging for Bridge Inspection (Statewide) Fenstermaker was Acoustic Imaging (UAI) services for the underwater bridge inspection of pie consists of an underwater acoustic Inspection and evaluation of the submer eam imaging and profiling remote sensing system with all acoustic data con- tem. The purpose of the inspection and evaluation is to identify and locate ong with a detailed localized inspection of any observed anomalies using bot dentify any localized scour impact or erosion of the surrounding water bot stic imagery are generated and included in a report that also docume UAI and dive inspections. Mr. Dufour assisted with data processing and analy | I surveys, topographic amiliar with traditional Surveying (HDS) and s contracted to provide er systems for 72 state- ged components of the rrelated to a Real Time any major damage or th the acoustic imaging ttom. The data is then ents the findings and ysis and compilation of |
| 01/22 - 03/22 | Southeast Louisiana Flood Protection Dufour processed collected data, created the New Orleans Outfall Canals utilizing | on Authority. New Orleans Outfall Canals Survey (Orleans Parish, LA) ed surface models, wall point clouds, bare earth models for this award-winr ng Multibeam and LiDAR technology for erosion detection and monitoring. | Survey Technician. Mr. ning project to map out |
| 06/23 | LA Hydro Multibeam and LiDAR S underwater bathymetric survey of the s supplement Underwater Acoustics Int submerged areas of the dam. Mr. Dufo the collected LiDAR and multibeam dat | Survey (Avoyelles Parish, LA) Fenstermaker conducted an above-the-w Sidney A. Murray Jr. Power Station dam and river embankments. The purpos ternational's (UAIs) comprehensive underwater 2D and 3D sonar imagin our served as the project's survey technician and was responsible for creatir ta, plans, and cross section sheets. | ater LiDAR study and se of the project was to g investigation of the ng surface models from |
| 10/18 - 11/19 | Farm Road Bridges (Calcasieu Pari collecting and processing the topograp | ish, LA) This project involved the replacement of two bridges. Mr. Dufor whic survey data of the bridges and road. | ur was responsible for |

| 06/13 - 07/13 | DOTD SP No. 700-29-0112: Leeville Pier #1, Acoustic Imaging (Lafourche Parish, LA) Fenstermaker performed a topographic and high definition (laser scan) survey of the West Larose Vertical Lift Bridge on LA 1 in Larose, LA as a subconsultant in support of the bridge renovation for LADOTD . As a result of the survey, Fenstermaker established low steel vertical clearances in the bridge up and down positions, bridge pier elevations, and roadway clearances at the approaches, temporary benchmarks as a baseline for future surveys, and shoreline topographic surveys on both sides of the channel within the limits of the existing fenders and 50 feet in each direction. Mr. Dufour served as the Lead Field Survey Technician on this project and lead the data processing. |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 03/15 - 05/15 | LADOTD-Harrisonburg Bridge Laser Scanning Survey Fenstermaker provided 3D laser scanning and high precision measurement of the in-water and land-based bridge pier supports and superstructure for LADOTD for providing critical measurements used to determine if any misalignment issues exist with the center swing span structure and the land-based approach spans. Fenstermaker also used a high accuracy 1" total station to collect positional data on monitoring targets strategically placed during a previous survey performed five years prior for comparing this data to the positional data collected on these targets during the previous survey. The dataset was critical in illustrating any movement the bridge may have encountered or misalignment issues that have occurred over the 5-year timeframe because of vessel impacts. Mr. Dufour served as survey technician, prepared for mobilization, performed laser scanning and targeting, processed data, prepared final drawings and datasheets, and provided QA/QC of final revisions. |
| 03/13 - 05/13 | Hero Canal Levee, East of Harvey Canal at the Mississippi River for New Orleans District Army Corps of Engineers (Orleans/Jefferson Parish, LA) This project provides improved hurricane protection for the communities of Belle Chase and Gretna. The scope of the project includes repairs and upgrades to the Hero Canal 1st lift by increasing the grade elevation approximately 1.5 feet. Mr. Dufour was part of the survey team to set four permanent benchmarks were placed along the land side of the levee right-of-way. The hydrographic survey performed at Hero Canal was performed at standards that meet or exceed the USACE minimum accuracy standards, quality control, and quality assurance requirements for Navigation and Dredging support surveys for a soft bottom material classification. |
| 03/19 | Magellan Hydrographic Survey (Harris County, TX) This project involved hydrographic surveying services. Mr. Dufour is serving as lead Survey 360 Technician responsible for creating Surface in Civil 3D from field survey, preliminary crossing maps and other data processing. |
| 05/07 - 11/07 | Port of New Orleans: Poland Street Under Wharf Acoustic Survey (Orleans Parish, LA) Fenstermaker performed an under wharf acoustic survey to provide bathymetric contours and image visualization of the under-wharf conditions at the Poland Street wharf. The underwater imaging utilized both vessel mounted and tripod deployments with a multiple number of setups and rotating sensor deployments. This method is necessary to achieve more effective coverage and varying perspectives of the area. One additional scan was included at an area of possible scour. Profiling was performed at twenty-foot intervals down the wharf face. The deliverables were explained in a presentation to the New Orleans Port Authority, the USACE, New Orleans District, and the New Orleans Levee Board. Mr. Dufour assisted the Underwater Imaging team by importing images into AutoCAD , creating plats, and exporting 3D polylines from Cyclone. |

| Firm employed by C. H. Fenstermaker & Associates, L.L.C. | | | | | | |
|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------|--|--|--|
| Name Tom Miller | | Years of relevant experience with this employer | 17 | | | |
| Title Survey | Technician III | Years of relevant experience with other employer(s) | 15 | | | |
| Degree(s) / Years / Specialization | | B.A. / 1980 / Communications | Allesses | | | |
| | | AAT / 2005 / Surveying | | | | |
| Active registration n | umber / state / expiration date | Not applicable | ADISA | | | |
| Year registered | Not applicable Discipline | Not applicable | | | | |
| Contract role(s) / brid | ef description of responsibilities | CAD Technician | | | | |
| Experience dates | Experience and qualifications relevant | to the proposed contract; <i>i.e.</i> , "designed drainage", "designed girders", " | designed intersection", etc. | | | |
| (mm/yy-mm/yy) | Experience dates should cover the year | s of experience specified in the applicable MPR(s). | | | | |
| Mr. Miller is a survey | r technician with an associate degree in a | pplied science from Louisiana Technical College. He concentrated in civ | vil, surveying, and mapping | | | |
| technology and has l | been an asset to Fenstermaker's survey t | eam with a wide range of experience in conducting energy and environ | nmental surveys. Mr. Miller | | | |
| also specializes in co | ollecting, analyzing, and presenting data | , plans, and plats to a diverse range of clients, including private enterp | rise, engineering firms, and | | | |
| government agencies | S. | | | | | |
| 01/10 - 05/10 | Acoustic Survey, Underwater and Str | ructural Inspection of State Maintained Dams Statewide (Louisian | a) Fenstermaker was | | | |
| | contracted to perform dam system evaluations of fourteen (14) state-maintained dam systems issued through separate Task Orders | | | | | |
| | including Bundicks Creek Dam, Lower Anacoco Dam, Vernon Lake Dam, Grand Reservoir Dam, Ivan Lake Dam, Iatt Lake Dam, Bay | | | | | |
| Cocodrie Dam, Chicot Lake Dam, Lake Claiborne Dam, Black Bayou Dam, Nantachie Lake Dam, Smithport Lake Dam, Kepler | | | | | | |
| | and Turkey Creek Dam. Mr. Miller processed RTK data and static control points. | | | | | |
| 09/20 | Port of Lake Charles – Post Hurrica | ne Laura/Delta Surveys (Calcasieu Parish, LA) Fenstermaker was cor | ntracted by the Port of Lake | | | |
| | Charles to perform a hydrographic sur | vey at City Docks, Port Aggregate BT-4, and Bulk Terminal No.1 in resp | onse to the Hurricane Laura | | | |
| | and Delta Events. Fenstermaker perfor | med a sidescan sonar and a bathymetric survey to determine existing v | water bottom depths and to | | | |
| | show any debris or hazards to navigatio | n after the Hurricane Laura and Delta Events. The side scan sonar survey | showed widespread debris, | | | |
| | boats, and one sunken shrimp boat nea | r the docks. Mr. Miller reviewed and completed quality control tasks for | r the survey data. | | | |
| | | | - | | | |
| 11/11 – 12/11 | New Mexico Orphan Wellsite Survey | vs (Eddy and Lea Counties, NM) ExxonMobil tasked Fenstermaker wit | h surveying 21 well sites in | | | |
| | Eddy and Lea counties for restoration | to pre-drill condition. Fenstermaker prepared plats showing drill pads | , wells, facilities, pipelines, | | | |
| | and contours Mr. Miller was responsib | ble for processing field data, preparing details and plats, reviewing dra | awings, and arranging final | | | |
| | deliverable CAD files. | | | | | |
| 04/18 - 05/18 | Rockefeller Refuge 107-Acre Mitigat | tion (Cameron Parish, LA) Rockefeller Refuge is a 70.000+ acre mars | h management and wildlife | | | |
| ,, | and fisheries research area. Part of the | management plan is to convert open water areas back to vegetated m | arsh. As a subcontractor to | | | |
| | HDR Engineering. Fenstermaker's sco | one was to provide a true color image of the as-is vegetative area | LIDAR elevations, and an | | | |
| | identification analysis of the marsh veg | retation to document the current dominant species of the marsh ecosy | stem Fenstermaker flew all | | | |
| | 107 acres during a nost-construction f | ight survey with RGB and multisneetral sensors as well as a $IIDAP$ sen | sor Fenstermaker used the | | | |
| | 107 acres during a post construction in | in survey, well not und mateispectrur schools as well as a morit sch | Join i chotermaker used the | | | |

| | data to create georectified RGB tiffs as well as multispectral band tiffs to use in image analysis processing. Mr. Miller updated plats for the |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | project's sounding area, creating elevation details, and revised plats for soundings were needed. |
| 08/17 - 03/18 | Queen Bess Island Restoration (BA-202) (Jefferson Parish, LA) Fenstermaker was contracted by CPRA as the Prime consultant, performing project management, data collection, and engineering & design activities necessary to complete the permitting process and provide construction plans and specifications. This multi-disciplinary project aims to recreate multiple types of bird habitats on a 37-acre island in lower Barataria Bay using dredged material from the Mississippi River. Fenstermaker is providing project initiation and planning; compilation, review, and analysis of existing data; data collection, including but not limited to topographic, bathymetric, and magnetometer surveys, geotechnical investigations, environmental and cultural resource investigations, numerical/computational modeling, water quality analyses, permit development, land rights support, engineering and design, bid document development, bid phase support, and technical assistance. Mr. Miller assisted with data analysis, the creation of maps and plats, reviewed survey data, among other surveying tasks. |
| 08/16 - 06/18 | Island Road Marsh Creation (TE-117) (Terrebonne Parish, LA) Fenstermaker was contracted by CPRA to perform bathymetric field reconnaissance for the desktop research and field reconnaissance survey. Mr. Miller was a survey technician and providing research on water depths and access routes, attended CPRA meetings, processed survey data, performed calculations for borrow areas, prepared deliverables, survey reports, maps and plats. |
| 05/14 - 12/16 | Freshwater Bayou Marsh Monitoring (Vermilion Parish, LA) Fenstermaker served as a subconsultant to GeoEngineers performing surveys of settlement plates and all visible survey rods. Mr. Miller assisted with project management, processed field survey data, helped manage the field crews, prepared maps, reviewed field data and reports. |
| 04/13 - 12/16 | Lake Lery Marsh Creation (St. Bernard Parish, LA) Fenstermaker was commissioned by URS to provide survey services for this project including an initial reconnaissance and conceptual design. Mr. Miller prepared maps for the bathymetric surveys to determine water bottom elevations, topographic surveys of the proposed marsh area, and a magnetometer survey to identify any magnetic anomalies and verify the existence of pipelines. |
| 08/10 - 02/11 | Lake Pontchartrain Shoreline Protection (Tangipahoa Parish, LA) Fenstermaker was commissioned by HDR to produce an environmental site investigation to assess the project's potential environmental impacts and identify relevant environmental considerations that may arise during the permitting and/or construction of the shoreline protection structure. Mr. Miller acted as Project Manager and was responsible for providing survey data for the design of the shoreline protection on the western side of Lake Pontchartrain. He oversaw report findings developed from both research and site visits. |

| Firm employed by | C. H. Fenstermaker | [•] & Associates | , L.L.C. | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name Chris Harlan, Jr., PLS, EI | | | Years of relevant experience with this employer | 10 mos |
| Title Survey | le Surveyor I | | Years of relevant experience with other employer(s) | 17 |
| Degree(s) / Years / Specialization | | | B.S. / 2005 / Civil Engineering | 00 |
| Active registration r | umber / state / expiration | date | PLS 5281 / LA / 03-31-2023 | |
| | | | EI 21953 / LA / 09-30-2023 | |
| Year registered | PLS – 2022 | Discipline | Professional Land Surveyor | |
| | EI - 2005 | | Engineer Intern | |
| Contract role(s) / bri | ef description of responsil | bilities | Surveyor | |
| Experience dates | Experience and qualification | ations relevant t | to the proposed contract; <i>i.e.</i> , "designed drainage", "designed girders" | , "designed intersection", etc. |
| (mm/yy–mm/yy) | Experience dates should | l cover the year | s of experience specified in the applicable MPR(s). | |
| Mr. Harlan's profess various regulatory b route surveys, and c maps, drawings, pla Trimble equipment estimating costs; ca compliance with var set drainage and pro preparing proposals drawings, and ensur Carlson Survey 201 Microstation, Civil 3 | ional surveying experience odies such as DOTD, Leve ontainment volume surve ts, sketches, field books an and Trimble Business Cen lculating survey project o ious safety programs; and perty corners, boundary s developing a scope of wor ing that the final product 8 [®] , Adobe Photoshop [®] , 1 d, and Corpscon [®] . | e includes proce ee Boards, Corp eys; communica nd legal descrip iter software; tr duration; maint working with si urveys, and trat ck for the survey meets the nee Microsoft Offic | essing field data; drafting survey plats, legal descriptions, and ALTA s os of Engineers and railroad permits; performing topographic and hy uting with and providing information to clients during the course of ptions; performing online and stand-up courthouse and highway righ- raining field personal on new equipment and proper survey procedur- taining survey equipment and supplies for several survey crews; en- urvey crews to perform slab surveys, flood certificate surveys, curb set ffic control surveys. At Fenstermaker, he is currently responsible for a crews, ensuring that the field work performed meet the needs of the c ds of the client. He is also experienced in the following software: A e 365 [®] , Outlook [®] , Trimble Business Center [®] , Starnet [®] , Hypack [®] , | urveys; preparing permits for /drographic surveys, pipeline survey projects; interpreting it-of-way research; operating res; site visits to assist in job suring safety supplies are in tbacks, grade determinations, assisting with estimating and clients, preparing the required AutoCAD Land Development, SonarWiz [®] , Global Mapper, |
| 11/22 – 02/23 | Bedico Faubourg Inter survey for St. Tammany the construction of 5,00 from the Bedico Creek S main will be constructed for the field work, proce issues on the drawings, a | rconnect Surve Parish's water n 0 linear feet of Subdivision to t d to connect th ssed collected c and prepared th | ey (St. Tammany Parish, LA) Fenstermaker performed topographi nain improvements from Bedico Boulevard to Fox Run Boulevard. The 12-inch water main along Louisiana Highway 1085 ILA-1085) from th the Red Fox Run Boulevard Entrance to the Fox Branch Subdivision. e Bedico Creek and Faubourg Coquille public water systems. Mr. Har lata, drafted linework for the base drawing, reviewed CADD drafts, lab the deliverables for the client. | c and boundary/right of way interconnect project includes ne Bedico Boulevard entrance The proposed 12-inch water lan prepared the survey crew beled cross sections and fixed |
| 11/22 - ongoing | Solar Survey Project f totaling approximately Reconstruction ALTA 2 researched adjacent tra- scopes, adjusted the cor corner search, drafted m | for Confidentia 2,320 acres and Survey, pre-as cts, drafted con ntrol for the sum naps, and adjust | al Client (St. Martin Parish, LA) Fenstermaker provided survey seong eight parcels. Services included performing an Engineering Base-built verification, an as-built survey, and an as-built ALTA. For the veyance records, and adjusted boundaries. He also processed data a rvey site, and reviewed exceptions to the boundary. Additionally, he ted the boundary based on newly located corners. | rvices for a solar project site map ALTA 1 Survey and the ne ATLA surveys, Mr. Harlan and prepared survey crew job worked on the final property |
| 03/23 - ongoing | Coulee Ile des Cannes provide professional en | -L8C Regional agineering serv | Detention Facilities Phase 1 (Lafayette Parish, LA) The City of So ices for the L8C detention facilities project. These services includ | cott selected Fenstermaker to ed data gathering, technical |

| | analysis, completion of an H&H study, the development of design documents, project permitting, and the completion of an Environmental Assessment (EA) to determine project eligibility for HMGP funding. Mr. Harlan processed survey data and prepared data files for design, worked on the property boundary, and researched conveyance records to adjust the boundary where needed. He also created the boundary, surface, and cross sections for the drawings, drafted plan and profile sheets, and worked with the Parish to identify the approximate location of the 12-inch water line. |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 12/22 - ongoing | H.015126 Baker Overlay (East Baton Rouge Parish, LA) The H0.15126 Baker Overlay project will mill and overlay 1.25 of road from Baker Boulevard to Bentley Boulevard between Highway 19 and Highway 67. Mr. Harlan's duties included creating the job scope and performing project management tasks, determining apparent road right-of-way, and ensuring the survey work of an acceptable and meets the needs of the Engineering design firm. |
| 11/22 - ongoing | South Cameron Water Consolidation (Cameron Parish, LA) Fenstermaker has been contracted by the Cameron Parish Water and Wastewater District No. 1 to design a ground storage tank located off Ann Street in Cameron, LA, and water main distribution to connect the existing well to the ground storage tank and to the proposed water main located along LA Hwy 27/82 (Marshall Street). Services include preforming a topographic survey and boundary survey of the site. Mr. Harlan's duties included creating the job scope for the survey crew, performing research at the courthouse to locate the current property conveyance records, determining the property boundary based on the records, and preparing topographic documentation for the design of the ground storage tank and proposed water main. |
| 11/22 - 12/22 | James Sudduth Parkway Water Tower (Calcasieu Parish, LA) Fenstermaker provided a topographic survey and apparent boundary survey of the water tower along James Sudduth Parkway for the Calcasieu Parish Police Jury. Services included preforming a topographic survey and determining the apparent boundary survey of the site. Mr. Harlan's duties included creation of the job scope for the survey crew, courthouse research to locate the current conveyance records, and determining the apparent boundary line based on the records and the recovered data in the field and creating a topographic plat for the clients. |
| 11/22 - 12/22 | Grogan Street Water Tower (Calcasieu Parish, LA) Fenstermaker provided a topographic survey and apparent boundary survey of the water tower along Grogan Street for the Calcasieu Parish Police Jury. Services included preforming a topographic survey and determining the apparent boundary survey of the site. Mr. Harlan's duties included creation of the job scope for the survey crew, courthouse research to locate the current conveyance records, and determining the apparent boundary line based on the records and the recovered data in the field and creating a topographic plat for the clients. |
| 11/22 - 12/22 | New Providence Well No. 4 (Calcasieu Parish, LA) Fenstermaker provided a topographic survey and boundary survey of the site for the Calcasieu Parish Police Jury. Services included preforming a topographic survey and boundary survey of the site. Mr. Harlan's duties included creation of the job scope for the survey crew, processing and creation of the topographic plats for the client. |

SECTION 17





17. Firm Experience:

| Firm name | C. H. Fenstermaker & Associates L.L.C | | Past Performance Evaluation Discipline(s)* Survey | | |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------------------------|-----------------------|---------|
| Project name | Underwater Acoustic Imaging | for Bridge Inspection | on Statewide Firm responsib | ility (prime or sub?) | Prime |
| Project number | DOTD P.O. No. 005365.5 | Owner's name | Louisiana Department of Transportation an | d Development | |
| | | | | | |
| Project location | Statewide, Louisiana | | Owner's Project Manager | Hayle G. Brown, P.E. | |
| Owner's address, pho | Owner's address, phone, email 1201 Capitol Access Road, Baton Rouge, LA 70802, (225) 379-1500, haylye.brown@la.gov | | | | |
| Services commenced by this firm (mm/yy) | | 11/11 | Total consultant contract cost (\$1,000's) | | \$3,378 |
| Services completed by this firm (mm/yy) | | 10/14 | Cost of consultant services provided by th | is firm (\$1,000's) | \$1,802 |

Project Description: Fenstermaker was contracted to provide Underwater Acoustic Imaging (UAI) services for the underwater bridge inspection of pier systems for 72 state-maintained bridges. The project scope consisted of an underwater acoustic Inspection and evaluation of the submerged components of the piers utilizing a multi-axis, steered beam imaging and profiling remote sensing system with all acoustic data correlated to a Real Time Kinematic (RTK) GPS positioning system. The purpose of the inspection and evaluation was to identify and locate any major damage or deterioration of the pier structures along with a detailed localized inspection of any observed anomalies using both the acoustic imaging system and dive inspection; and to identify any localized scour impact or erosion of the surrounding water bottom. The data was then processed, and mosaics of the acoustic imagery were generated and included in a report that also documented the findings and recommendations resulting from the UAI and dive inspections.

Fenstermaker also performed a component of the federally mandated, 5-year periodic inspection of the underwater substructure supporting the Interstate 310 Bridge over the Mississippi River in Luling and the 6-mile Interstate 10 Bridges, East bound and west bound, over Lake Pontchartrain at New Orleans, Louisiana.

Key Personnel: Justin Bordelon | Lance Fontenot | Brett Dufour





| Firm name | C. H. Fenstermaker & Associates L.L.C | | Past Performance Evaluation Discipline(s)* Survey | | |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------|--------------|---------------------------------------------------------------|-------------|--|
| Project name | New Orleans Outfall Canals Su | ırveys | Firm responsibility (prime or sul | b ?) | |
| Project number | Not applicable | Owner's name | South Louisiana Flood Protection Authority East | | |
| | | | | | |
| Project location | Orleans Parish, LA | | Owner's Project Manager Roger Colwell | | |
| Owner's address, pho | Owner's address, phone, email 6920 Franklin Avenue, New Orleans, LA 70122, (504) 286-3106, RColwell@floodauthority.org | | | | |
| Services commenced by this firm (mm/yy) 11/20 | | | Total consultant contract cost (\$1,000's) | \$225 | |
| Services completed by this firm (mm/yy) 05/22 | | | Cost of consultant services provided by this firm (\$1,000's) | \$225 | |

Project Description: Fenstermaker conducted a combined topographic and multibeam bathymetric survey for the 17th, London, and Orleans Outfall Canals for the Southeast Louisiana Flood Protection Authority. Fenstermaker used an ASV platform for the topographic survey and an Unmanned Aerial System for the LiDAR survey. The purpose of the surveys was to detect and monitor erosion. Tasks included coordination with the Flood Protection Authority, coordinating and scheduling field crews, and overseeing office data processing and deliverable generation.

Fenstermaker reduced field time associated with data collection by approximately 40% when compared to conventional methods. Additionally, because the survey data resulted in a high-definition, high-accuracy surface model of the canal, the surrounding levees, and flood walls, the data can now be utilized for further analysis and leveraged in future projects, effectively saving the FPA money over time.

The American Council of Engineering Companies of Louisiana awarded Fenstermaker the 2021 Engineering Excellence Grand Award for Survey/Mapping Technology and the 2021 Grand Conceptor Award for this project.

Key Personnel: Justin Bordelon | Brett Dufour | Joe Broussard | Lance Fontenot



| Firm name | C. H. Fenstermaker & Associates L.L.C | | Past Performance Evaluation Discipline(s)* Survey | |
|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|------------------------------------------|---------------------------------------------------------------|---------|
| Project name | ALDOT Duncan Bridge UAI Ins | spection | Firm responsibility (prime or sub | o?) |
| Project number | Not applicable | Owner's name | Alabama Department of Transportation - ALDOT | |
| | | | | |
| Project location | Winston County, AL | Owner's Project Manager Jeff Huner, P.E. | | |
| Owner's address, phone, email 515 Traffic Operations Drive, Montgomery, LA 36110, Jeff Huner, (334) 242-6206, hunerj@dot.state.al.us | | | | |
| Services commenced by this firm (mm/yy) 03/ | | 03/13 | Total consultant contract cost (\$1,000's) | \$16.41 |
| Services completed by this firm (mm/yy) 05/13 | | 05/13 | Cost of consultant services provided by this firm (\$1,000's) | \$16.41 |

Project Description: Fenstermaker performed an Underwater Acoustic Investigation (UAI) at the Duncan Bridge over the Sipsey River in Winston County. The UAI survey team investigated Piers 2 and 3 with a specialized steer beam UAI and Profiling System based on the Konigsberg-Mesotech MS1000 sector scanning sonar. Fenstermaker deployed the UAI system from a 28-foot survey vessel and collected data at Piers 2 and 3 and the adjacent water bottom.

Fenstermaker's investigation showed Pier 2's columns, connecting struts, and multiple standing tress on the water bottom surrounding the bridge pier. The data showed no anomalies or abnormal indications. Fenstermaker's observations of Pier 3 included the columns, connecting struts, and the top of the pier footings on the pier's riverside. Observations also included multiple indications of standing tress on the water bottom surrounding the bridge pier. Data collected at Pier 3 showed no abnormal indications or anomalies.



Key Personnel: Justin Bordelon

| Firm name | C. H. Fenstermaker & Asso | ciates L.L.C | Past Performance Evaluation Discipline(s)* Survey | | | | |
|----------------------------------------------------------------------------------------------------------------------|-----------------------------|--------------|---------------------------------------------------------------------------|---------|--|--|--|
| Project name | LA Hydro Multibeam and LiDA | AR Survey | Firm responsibility (prime or sub?) Sub | | | | |
| Project number | Not applicable | Owner's name | Underwater Acoustics International on behalf of Brookfield Renewable U.S. | | | | |
| | | | | | | | |
| Project location | Avoyelles Parish, LA | | Owner's Project Manager Alan Day | | | | |
| Owner's address, phone, email 135 Regency Square, Lafayette, Louisiana 70508, (337) 237-2200, -alan@uaisolutions.com | | | | | | | |
| Services commenced by this firm (mm/yy) 05/23 | | | Total consultant contract cost (\$1,000's) | \$25.68 | | | |
| Services completed by this firm (mm/yy) 06/23 | | | Cost of consultant services provided by this firm (\$1,000's) \$25.68 | | | | |

Project Description: Fenstermaker conducted an above-the-water LiDAR study and underwater bathymetric survey of the Sidney A. Murray Jr. Power Station dam and river embankments. The purpose of the project was to supplement Underwater Acoustics International's (UAIs) comprehensive underwater 2D and 3D sonar imaging investigation of the submerged areas of the dam.

Fenstermaker collected multibeam sonar bathymetry data to create a detailed digital underwater elevation model (DEM) of the tailrace and outflow channel. Additionally, Fenstermaker collected LiDAR data to create a detailed digital elevation model (DEM) of the above-water dam and the shoreline within the survey area; and side-scan/backscatter sonar data to image the downstream river bottom and embankments. Collected aerial LiDAR and bathymetric sonar data were used to produce cross section sheets, bathymetry maps, and backscatter sonar imagery maps. Side scan sonar data was used to create a single sonar image mosaic.

UAI compared the data collected during this investigation to a similar

investigation at the site completed in 2020. The current data showed underwater potential erosion at the dam's embankment/river bottom at 10 areas of interest.

Key Personnel: Justin Bordelon | Joe Broussard | Brett Dufour | Lance Fontenot



| Firm name | C. H. Fenstermaker & Asso | ciates L.L.C | Past Performance Evaluation Discipline(s)* Survey | | | | | |
|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------|----------------|-----------------|--|--|--|
| Project name | Underwater Acoustic Survey and Structural Inspections of State Maintained Firm responsibility (prime or sub?) | | | | | | | |
| | Dams | | | | | | | |
| Project number | LADOTD State Project No. | Owner's name | Louisiana Department of Transportation and Development | | | | | |
| | 700-99-0459 | | | | | | | |
| Project location | Statewide, Louisiana | | Owner's Project Manager | Public Works & | Water Resources | | | |
| | Division, Dam Safety | | | | | | | |
| Owner's address, phone, email 1201 Capitol Access Rd, Baton Rouge, LA 70802, (225) 379-3000, DamSafetyInfo@la.gov | | | | | | | | |
| Services commenced by this firm (mm/yy) 10/08 | | | Total consultant contract cost (\$1,000's) | \$1,200 | | | | |
| Services completed by this firm (mm/yy) 03/12 | | | Cost of consultant services provided by this firm (\$1,000's) \$1,200 | | | | | |

Project Description: The Louisiana Department of Transportation and Development (LADOTD) contracted Fenstermaker to perform dam system evaluations of fourteen (14) state-maintained dam systems, including the Bundicks Creek Dam, Vernon Lake Dam, Lower Anacoco Dam, Ivan Lake Dam, Iatt Lake Dam, Grand Bayou Reservoir Dam, Bayou Cocodrie dam, Lake Clailborne Dam, Black Bayou Dam, Smithport Lake Dam, Turkey Creek Dam, Nantachie Lake Dam, Kepler Creek Dam, and Chicot Lake dam.

Fenstermaker provided an evaluation of the dam systems to provide an evaluation of baseline conditions that show repetitive, direct comparative capability going forward. To provide this capability, Fenstermaker established the local survey control monument and performed underwater acoustic imaging (UA)) and profiling of submerged components of the spillways and the adjacent upstream and downstream water bottoms.

A high-definition terrestrial Lidar (HDS) scan of the exposed sections of the spillway and the landmass surrounding the headwater and tailwater was performed. UAI and profiling of the spillway and drawdown structure intake and gate systems were performed where applicable. A visual inspection and visual safety inspection of the dam system was also performed. As a follow-up, an underwater inspection of all underwater surfaces of the intake structure, its associated hardware, and the discharge conduit was performed by a dive contractor with emphasis on areas or abnormalities observed on the UAI data.

Key Personnel: Justin Bordelon | Tom Miller



SECTION 18





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18. Approach and Methodology:





Fenstermaker has provided professional surveying and mapping services in Louisiana for over 70 years. As a leading consulting firm, we have a team of experienced personnel specializing in topographic, hydrographic, sidescan sonar, and advanced technology remote sensing surveys. Our highly skilled professional land surveyors offer a wide range of services to private, industrial, and governmental agencies. Fenstermaker's extensive expertise and track record of successfully undertaking large-scale projects demonstrate the company's capabilities in delivering high-quality services to a diverse range of clients and dynamic environments. By leveraging our experience and technical proficiency, Fenstermaker has been able to collaborate with ports, government agencies, and various other clients on complex and impactful projects. With offices in Lafayette, Baton Rouge, New Orleans, Mandeville, Lake Charles, and Shreveport, we have a qualified support staff capable of efficiently managing and delivering the required services for this RFP.

Fenstermaker has extensive experience working with the Louisiana Department of Transportation and Development (LADOTD) on various projects which include various bridge inspection tasks and, the more recent, Louisiana Watershed Initiative for Regions 4, 5, and 6. As a result, we are well-versed in the survey process and familiar with the requirements that may arise from this RFP. We have established ourselves as an industry leader in the application of Underwater Acoustic Imaging to inspect and investigate submerged infrastructure, including bridge piers, dams, and dock wharves. Our efforts to introduce and develop the use of Underwater Acoustic Imaging for examining submerged structure components have positioned Fenstermaker as a leading expert in underwater acoustic imaging and hydrographic surveying. Currently, we collaborate with several Ports, DOTD, and various Government Agencies, continuously refining our capabilities to maximize the efficiency and utility of this highly advanced technology. Fenstermaker has extensive experience with the Louisiana Department of Transportation and Development

(DOTD), having conducted hundreds of underwater examinations of bridge components, hydrographic channel and river surveys, magnetometer investigations, subbottom profiling, and sidescan sonar surveys. We have been involved in assessing structure damage and integrity, underwater mapping, magnetometer anomaly investigation, and hydrographic modeling. Our unique experience in this area sets us apart as one of the few contractors with such expertise. Fenstermaker has pioneered and implemented an award-winning approach in applying Underwater Acoustic Imaging (UAI) and single beam and multibeam tools in "brown water" and shallow environments. With Fenstermaker's experience on similar survey projects coupled with our local knowledge, the project team will provide a quality product that is completed efficiently, on time, and within budget.

Project Approach and Methodology Throughout the project's life cycle, the Fenstermaker Team will closely collaborate with LADOTD. The team will follow these critical steps to develop the necessary deliverables for the successful completion of the project:

- 1. Research/Information Preparation
- 2. Field Survey
- 3. Data Processing/Analysis
- 4. Independent Technical Review QA/QC Program
- 5. Final Survey Report and Deliverables

| Task Order Schedule | | | | | | | | | | | | | | | |
|--------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| Survey Preparation | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | | | | | | | | | | |
| Tasks | | | | | | | | | | | | | | | |
| Task Order Review | | | | | | | | | | | | | | | |
| Benchmark and Structure Research | | | | | | | | | | | | | | | |
| Personell and equipment establishments | | | | | | | | | | | | | | | |
| Hydrographic Survey | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 6 | Day 7 | Day 8 | Day 9 | Day 10 | Day 11 | Day 12 | Day 13 | Day 14 | Day 15 |
| Tasks | | | | | | | - | | | | | | - | | |
| Kick off and pre-job meeting in office | | | | | | | | | | | | | | | |
| Crew mobilization and site assessment | | | | | | | | | | | | | | | |
| Benchmark Occupation | | | | | | | | | | | | | | | |
| Hydrographic Survey and documentation | | | | | | | | | | | | | | | |
| Topographic Survey and documentation | | | | | | | | | | | | | | | |
| Data submission to office | | | | | | | | | | | | | | | |
| Data processing and review | | | | | | | | | | | | | | | |
| Independent Technical Reivew QA/QC | | | | | | | | | | | | | | | |
| Preliminary Data Submittal in Project Wise | | | | | | | | | | | | | | | |
| DOTD Data review and comments | | | | | | | | | | | | | | | |
| Finalize Report and Deliverables | | | | | | | | | | | | | | | |

Duration of survey is not limited to time frame above. Conditions may vary per site where duration may be adjusted.



Before beginning fieldwork, Fenstermaker will conduct thorough research of historical documents, including the latest established DOTD hydrographic survey to recover or reestablish baselines and benchmarks, structure identification records, and conditions of each site. Subsequently, Fenstermaker will develop a project-specific work plan for the survey, which will encompass tasks to be performed in both the field and office, identify boat launches and emergency service locations, and establish a work schedule. The inspection schedule and work details will be communicated to the US Coast Guard Bridge Section for any structures over navigable waterways to ensure coordination and safety. Throughout the project, the project manager will provide progress updates, promptly notify the client of any urgent observations, and coordinate with local authorities during data collection activities.

The field crew will utilize existing DOTD benchmarks, as per the scope, to receive Real-Time Kinematic (RTK) corrections for all surveying activities. The top of water elevation will be recorded at the beginning of each survey and at three (3) hour intervals throughout the survey for QA/QC purposes and will be recorded in the field notes.

Once all equipment has been set and tested on-site, the field crew will then conduct a velocity profile cast to measure the speed of sound in the water column using an AML velocity sensor. The field crew will then enter the velocity into the hydrographic hardware or software and perform a bar check to ensure the recording of accurate readings. The bar check will be conducted daily prior to the commencement of data collection and at the end of the survey for assurance. Additionally, water bottom elevations will be measured using a fixed height rod with a 6-inch diameter plate, serving as a third verification alongside single beam or multibeam data. At this time, the crew will begin the hydrographic bathymetric data collection along predetermined lines and ranges.

Real-time horizontal positioning during the survey will be achieved by logging data using a Trimble R12i GNSS GPS Receiver integrated with real-time kinematic (RTK) technology for GPS corrections. This integration allows for continuous and precise positioning updates, ensuring accurate horizontal and vertical coordinates throughout the surveys. The real-time positioning capability of the Trimble R12i GNSS GPS Receiver in conjunction with RTK correction will ensure reliable and precise horizontal measurements during the survey operations.

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To compensate for vessel movement caused by surface waves or other motion, a CDL MiniTilt Motion Sensor will be integrated into the bathymetric system. This motion sensor is designed to detect and measure the tilt and movement of the vessel. Integrating the MiniTilt Motion Sensor into the system, provides the necessary data to correct for any vessel motion during the bathymetric survey. This correction ensures that the recorded bathymetric data accurately represents the true water depths by compensating for any distortion caused by the movement of the survey vessel. The integration of the CDL MiniTilt Motion Sensor enhances the overall accuracy and quality of the bathymetric survey results.





Bridge Pier and Piles

The CEE-SCOPE Single Beam echosounder will be a key instrument utilized to measure water depths along all the designated transect lines during the bathymetric surveys. The integration of the single beam echosounder into the survey equipment will enable the survey crew to capture precise water depth measurements, essential for creating accurate bathymetric maps and underwater topography of the surveyed areas. If multibeam surveys are required, we will use a Norbit STX iWBMS multibeam system with an Applanix POSMV IMU and RTK for positioning. The Norbit system features a curved array that enables scanning up to the bank line and capturing vertical components of each structure.

During data collection, information from POSPac will be recorded for post-processing to enhance positioning accuracy in areas where GPS coverage is limited due to the bridge structure. All data collection and processing will be performed using Hypack/Hysweep software.

The survey team will ensure full water bottom coverage in identified areas if needed, specifically targeting water bottom conditions at each location to detect any potential scour. Additionally, the multibeam data will be overlapped with any topographic data at the shorelines to the extent feasible. If necessary, Fenstermaker has the capability to utilize a topside Norbit iLiDAR system to scan the bridge components, providing a comprehensive three-dimensional dataset as depicted in the accompanying images.

In areas or conditions where multibeam and single beam technology is deemed unsafe or not fit to collect data, Fenstermaker proposes the use of the Kongsberg MS1000 scanning sonar. Deployed either on a tripod or hard mount on the survey vessel, the MS1000 has the capability to produce a 2-dimensional scan of the pier and piling features as well as bottom conditions at each point. Imaging and profiling produced from these scans has the ability to reflect any potential scour or irregularities to the water bottom conditions at each pier or piling.

Detailed survey reports at each location and for each survey will be submitted. These reports shall encompass water conditions during the survey, debris in the water and on banks, bank conditions, survey obstructions, and reasons for survey incompletions. Digital photos will capture structure details mentioned in the reports, annotated with structure number, photo direction, date, and featured element. The use of ArcGIS 123 Survey application has been a useful tool in the real-time documentation of these attributes. Fenstermaker can create an ArcGIS dashboard for DOTD to display completed bridges, including digital photos, data sheets, and any other required forms deemed necessary.

Fenstermaker will undertake the processing, analysis, and interpretation of all underwater acoustic data to generate the written report and hydrographic charts. The detailed survey report will be produced within seven (7) days after the completion of the fieldwork, presenting all findings and highlighting any identified problem areas that may require further investigation with the assistance of divers.

To ensure the implementation of rigorous quality assurance and quality control measures, all deliverables will undergo review by an Independent Technical professional. This independent review will help maintain high standards of accuracy and reliability. All deliverables will adhere to the DOTD Software and Deliverables Standards of Electronic Plans and will contact the Project Manager for any special instructions regarding project-specific requirements. Fenstermaker will upload all MicroStation DGN files and deliverables utilizing ProjectWise at each milestone or as needed by the project manager.



Specific Evaluation Criteria The Fenstermaker Team possesses a comprehensive understanding of the scope of this project and is aware of the challenges that typically arise in similar endeavors. With a track record of successful experiences collaborating with various agencies, Fenstermaker brings unique expertise, extensive knowledge, and the capability to effectively manage a survey project while ensuring sustainability. The demonstrated success of our methodology instills confidence in maintaining project timelines and delivering well-documented submittals.

Staff Experience The Fenstermaker Team comprises highly qualified professionals and all key personnel listed on the organization chart are actively engaged members of the project team. They will play a direct role in the day-to-day operations and overall success of this project. The collective qualifications of our staff form an exceptional team of surveying professionals with unmatched capabilities. Furthermore, the presence of professionals located

throughout the state provides us with a unique local perspective that enriches all assigned projects.

Current Workload Fenstermaker is fully prepared to promptly address task orders associated with this project. Our organization offers comprehensive support, with additional surveying staff members available in various offices across Louisiana. We operate as a cohesive unit, without boundaries, ensuring seamless collaboration and efficient project execution throughout the Fenstermaker organization.

SECTIONS 19 - 23





| Firm(s) all firms must be represented in this table | Past Performance Evaluation Discipline(s) * | Contract Number and State Project Number | Project Name | Remaining Unpaid Balance** |
|--------------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| | Road | Contract No. 4400020291 State Project No. H.012869 | LA 182 / Renaud Roundabout | \$246,852 |
| C. H. Fenstermaker & Associates, L.L.C. | | Contract No. 4400025023 State Project No. H.015513 | Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Eleanor Road Over Coulee | \$200,000 |
| | Bridge | Contract No. 4400025023 State Project No. H.015335 | Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Puma Road Over Coulee | \$200,000 |
| C. H. Fenstermaker & Associates, L.L.C. | | Contract No. 4400025023 State Project No. H.015516 | Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Beiber Road Over Nezpique Bayou | \$200,000 |
| | | Contract No. 4400025023 State Project No. H.015512 | Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Mullins Road Over Tate Bayou | \$200,000 |
| | | Contract No. 4400025023 State Project No. H.015511 | Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 E. Martial Ave Over Coulee | \$142,250 |
| | | Contract No. 4400025023 State Project No. H.015515 | Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Andover Road Over Indian Bayou Lateral | \$200,000 |
| | | Contract No. 4400025023 State Project No. H.015514 | Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Sarah Dee PKWY. Over Coulee | \$200,000 |
| | | Contract No. 4400025023 State Project No. H.015505 | Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Solid Wastewater Road Over Bayou Boeuf | \$200,000 |
| | | Contract No. 4400025023 State Project No. H.015510 | Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Phillip Street Over Drainage Bayou | \$188,250 |
| | | Contract No. 4400025023 State Project No. H.015509 | Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Huval Street Over True Canal | \$200,000 |

| | Contract No. 4400025023 | Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge | \$200,000 |
|-----------------------------------------|----------------------------|-----------------------------------------------------------------|-----------|
| | State Project No. H.015508 | Program District 03 | |
| | | Adam Guidry Road Over Coulee | |
| | Contract No. 4400025023 | Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge | \$200,000 |
| FENSTERMAKER | State Project No. H.015507 | Program District 03 | |
| | | Minos Road Over Coulee | |
| C. H. Fenstermaker & Associates, L.L.C. | Contract No. 4400025023 | Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge | \$200,000 |
| | State Project No. H.015506 | Program District 03 | |
| | | Aristide Road Over Coulee | |
| | Contract No. 4400025023 | Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge | \$200,000 |
| | State Project No. H.015517 | Program District 03 | |
| | | Guegnon Street Over Youngs South Coulee | |

20. <u>Certifications/Licenses:</u>







22. <u>Sub-consultant information:</u>

| Firm Name (Name must match as registered with Louisiana's Secretary of State) | Address | Point of Contact and email address | Phone Number |
|-------------------------------------------------------------------------------------|---------|------------------------------------|--------------|
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23. Location:

If location is an evaluation criterion for this advertisement and the prime consultant intends to establish a local presence, describe the plan for doing so. Otherwise, leave this section blank. Any information included in this section will be redacted if not required by the advertisement.



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