



T. BAKER SMITH
A CENTURY OF SOLUTIONS

**PROFESSIONAL SURVEYING SERVICES
ON AN AS NEEDED BASIS FOR PUBLIC WORKS
PROJECTS FOR THE JEFFERSON PARISH
DEPARTMENT OF PUBLIC WORKS - ENGINEERING**

SOQ #23-022

Resolution No. 142423

August 11, 2023



TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

PROVIDE PROFESSIONAL SURVEYING SERVICES ON AN AS NEEDED BASIS FOR PUBLIC WORKS PROJECTS FOR THE JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS- ENGINEERING

SOQ #23-022 | Resolution 142423

B. Firm Name & Address:

T. Baker Smith, LLC
6660 Riverside Drive, Suite 101
Metairie, LA 70003



C. Name, title and contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana:

Kenneth Wm. Smith, PE, PLS, FACEC
Chief Executive Officer
985.223.9248
Kenneth.Smith@tbsmith.com

D. Name and contact information of employee who is a registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline.

David Martinez, PLS
Survey Discipline Leader
985.223.9250
David.Martinez@tbsmith.com

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

<u>49</u> Administrative	<u> </u> Estimators	<u> </u> Specification Writers
<u> </u> Architects (Licensed)	<u> </u> Geologists	<u>1</u> Structural Engineers
<u>1</u> Chemical Engineers	<u> </u> Geotechnical Engineers	<u>8</u> Graduate Engineers
<u>27</u> Civil Engineers	<u> </u> Interior Designers	<u>20</u> Project Managers
<u>4</u> Construction Inspectors	<u>1</u> Landscape Architects	<u> </u> Clerical
<u>10</u> Ecologists	<u>29</u> Land Surveyor	<u> </u> Grant/Funding Specialist
<u> </u> Electrical Engineers	<u>2</u> Mechanical Engineers	<u> </u> Sanitary Engineers
<u>4</u> Engineer Intern	<u>2</u> Environmental Engineers	<u>121</u> Other
<u>14</u> Professional Land Surveyors		<u>280</u> TOTAL

TEC Professional Services Questionnaire

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

N/A

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

YES _____ NO _____

N/A

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

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
N/A		

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

280 (All personnel, primary and support, will be available to work on all assigned projects.)

TEC Professional Services Questionnaire

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

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

David Martinez, PLS
Discipline Leader - Survey

Project Assignment:

QA/QC Manager

Name of Firm with which associated:



Years' experience with this Firm:

40 years with this firm

Education: Degree(s)/Year/Specialization:

Bachelor of Science/1982/Mechanical Engineering Technology

Active registration: Year first registered/discipline:

LA PLS. 4614/1989/Land Surveyor

Other experience and qualifications relevant to the proposed Project:

As discipline leader of survey, David Martinez offers more than 40 years of overall experience and is responsible for the daily activities of survey parties engaged in all aspects of surveying services provided by TBS. He has direct responsibility for the product generated in the field, and he is also in direct control of the transfer of field information by the survey technicians in preparation of the final documents. The Survey group works in conjunction with all other groups at TBS, cataloging existing topography with data collectors and assisting in its transfer to engineering designs and documents and environmental documentation. He is routinely responsible for oversight and QA/QC of surveying projects for TBS.

Project Experience

Bucktown Harbor Entrance Hydrographic Survey, Jefferson Parish, LA (Jefferson Parish Government) - Survey Discipline Leader. Oversaw the collection of survey data.

Colonial Club Ditch Pumping Station Survey, Jefferson Parish, LA (Jefferson Parish Government) – Discipline Leader. Oversaw the topographic survey of the Colonial Club Ditch in Jefferson Parish, LA.

Metairie Marsh Hydrographic Survey, Jefferson Parish, LA (Jefferson Parish Government) – Discipline Leader. Oversaw the team that performed hydrographic survey of the Lake Pontchartrain shoreline and surrounding areas.

Jefferson Parish Water Tower Surveys, Jefferson Parish – Discipline Leader. David directed the team responsible for scanning the water towers with UAV mounted LiDAR to provide Jefferson Parish a schematic showing the nominal dimensions of the towers for the painters to know how much material was needed and how large to make the murals they were going to paint on them.

Bridges near Grand Isle, LA 1, Lafourche and Jefferson Parishes, LA (LADOTD) – Discipline Leader. Supervised property surveys and right of way surveys for the removal of three bridge structures located along LA 1 in Jefferson and Lafourche Parishes near the town of Grand Isle.

2021 Survey Retainer Contract, Statewide LA (LADOTD) – Discipline Leader. Oversaw surveying services including Topographic Survey, Title Research Reports, Property Survey, Title Updates, Right-of-Way (R/W) Maps for various project locations.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Rene Hebert, PLS, PMP
Survey Lead Professional

Project Assignment:

Lead Professional, Survey

Name of Firm with which associated:



Years' experience with this Firm:

16 years with this firm

Education: Degree(s)/Year/Specialization:

Bachelor of Science/2008/Geomatics

Active registration: Year first registered/discipline:

LA PLS. 5070/2011/Land Surveyor
LA PMP 3150916/2021/Project Management Professional

Other experience and qualifications relevant to the proposed Project:

Rene has served as Survey Lead Professional of numerous survey projects where he has been responsible for overseeing and executing the technical aspect of surveying projects including producing and revising drawings, sketches, and plans for contract documents and QC/QA of surveying services. He coordinates work among project technicians, field crew coordinator, field survey personnel, and other required professionals working on the project. Rene has gained valuable experience surveying the environment of south Louisiana including topographic, boundary and GPR surveys and underwater acoustic hydrographic surveys including multi-beam, single beam, side scan sonar, acoustical soundings, magnetometry and other bathymetric surveys for industrial, government and private clients.

Project Experience

Jefferson Parish Water Tower Surveys, Jefferson Parish – Principal. Rene oversaw the team responsible for scanning the water towers with UAV mounted LiDAR to provide Jefferson Parish a schematic showing the nominal dimensions of the towers for the painters to know how much material was needed and how large to make the murals they were going to paint on them.

Bridges near Grand Isle, LA 1, Lafourche and Jefferson Parishes, LA (LADOTD) – Supervising Surveyor. Supervised property surveys and right of way surveys for the removal of three bridge structures located along LA 1 in Jefferson and Lafourche Parishes near the town of Grand Isle.

Bucktown Harbor Entrance Hydrographic Survey, Jefferson Parish, LA (Jefferson Parish Government) - Lead Professional. Oversaw the team responsible for the collection of survey data.

Colonial Club Ditch Pumping Station Survey, Jefferson Parish, LA (Jefferson Parish Government) – Lead Professional. Supervised the topographic survey of the Colonial Club Ditch in Jefferson Parish, LA.

Metairie Marsh Hydrographic Survey, Jefferson Parish, LA (Jefferson Parish Government) – Lead Professional. Supervised the team that performed hydrographic survey of the Lake Pontchartrain shoreline and surrounding areas.

2021 Survey Retainer Contract, Statewide LA (LADOTD) – Principal Surveyor. Oversaw surveying services including Topographic Survey, Title Research Reports, Property Survey, Title Updates, Right-of-Way (R/W) Maps for various project locations.

Nashville Wharf Terminal Survey Services, Orleans Parish, LA (AECOM, Ports America, Port NOLA) – Lead Professional. Oversaw all the topographic and hydrographic survey services at the Ports America facility at Port NOLA. Detailed topographic survey was performed, including under the wharf to collect the mud line topography from the face of the wharf to the bulkhead. Hydrographic side-scan and multi-beam survey was performed from immediately in front of the wharf to hundreds of feet into the Mississippi River to record the contour of the river bottom for use in design of the proposed improvements to the facility.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Jean Reulet, PLS
Sr. Project Manager

Project Assignment:

Surveyor

Name of Firm with which associated:



Years' experience with this Firm:

2 years with this firm

Education: Degree(s)/Year/Specialization:

Bachelor of Science/2011/Geomatics

Active registration: Year first registered/discipline:

LA PLS. 5145/2015/Land Surveyor

Other experience and qualifications relevant to the proposed Project:

Jean Reulet has served in various roles as a professional land surveyor since 2015. His field experience for LADOTD projects began in 2012 where he has been involved in dozens of topographic surveys of varying sizes across southern Louisiana. He has participated in all stages of a topographic survey from field data collection to final deliverables preparation according to the LADOTD's Location and Survey Manual. Jean is experienced in the use of cutting edge technology such as terrestrial and mobile LIDAR methods for collecting topographic and structural data in an efficient and safe manner.

Project Experience

Rural Bridge Replacement Initiative (Phase 2), LADOTD, Districts 04 and 05 - Project Surveyor. Coordinated field crews, processed data daily, and provided QA/QC of deliverables. TBS performed control, topographic, and right of way surveys for the replacement of 40 bridge structures in the northern Louisiana. Data was captured to detail the existing bridges themselves, roadways on either side, and surrounding terrain to ensure proper tie into to existing surfaces. Cross sections of the channels they cross were also surveyed to provide information for hydraulic modeling. Data is then processed and QA/QC'd, and coordinated with in house engineers designing the replacement bridges. Property surveys of affected tracts of land were also surveyed for any takings or servitudes, and these lines portrayed on Right of way maps.

Rural Bridge Replacement Initiative (Phase 1), LADOTD, Districts 04, 05, 08, and 58 - Project Surveyor. Coordinated field crews, processed data daily, and provided QA/QC of deliverables. TBS performed control, topographic, and right of way surveys for the replacement of 47 bridge structures in the northern Louisiana. Data was captured to detail the existing bridges themselves, roadways on either side, and surrounding terrain to ensure proper tie into to existing surfaces. Cross sections of the channels they cross were also surveyed to provide information for hydraulic modeling. Data is then processed and QA/QC'd, and coordinated with in house engineers designing the replacement bridges. Property surveys of affected tracts of land were also surveyed for any takings or servitudes, and these lines portrayed on Right of way maps.

Harrison Ave. Improvements (US 190 to LA 59) St. Tammany Parish Government, St. Tammany Parish, LA - Survey Project Manager. Responsible for topographic surveys, crew coordination, data processing, surface generation for use in existing drainage maps, deliverable preparation, title take off, property surveys, prepared base and final right of way maps for the improvements that include approximately 13,200 feet of roadway widening.

LA 20 Widening: LA 307 to S. Vacherie, LADOTD, St. James & Lafourche Parishes, LA - Project Surveyor. Performed quality control for the Final R/W Maps for the asymmetrical widening of a 2.7 mile stretch of LA 20 near Vacherie, LA.

LA 91: Bayou Plaquemine Brule Br Replace, Estherwood, LA – Survey Dept. Assistant Manager. Performed data processing, project QAQC and management for Topographic Survey.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:
Eric Deroche <i>Group Lead - Unmanned Aerial Solutions</i>
Project Assignment:
UAS Survey
Name of Firm with which associated:

Years' experience with this Firm:
21 years with this firm
Education: Degree(s)/Year/Specialization:
Associate of Applied Science/2001/Drafting and Design
Active registration: Year first registered/discipline:
N/A
Other experience and qualifications relevant to the proposed Project:
<p>Eric oversees the Unmanned Aerial Solutions (UAS) at TBS. He has seven years of experience providing professional unmanned aerial system solutions to our clients. Eric Deroche provides a professional vital link between all corporate wide project teams and the IT department. He is responsible for developing and maintaining an efficient and effective "Field to Finish" process corporate wide to serve our client's needs.</p> <p>Project Experience</p> <p>Jefferson Parish Water Tower Surveys, Jefferson Parish – UAS Project Manager. Eric lead the team responsible for scanning the water towers with UAV mounted LiDAR to provide Jefferson Parish a schematic showing the nominal dimensions of the towers for the painters to know how much material was needed and how large to make the murals they were going to paint on them.</p> <p>Raccoon Island TE-48 Restoration Survey, Terrebonne Parish, CPRA – TBS was hired to perform a post-restoration survey on the restored part of the island and the breakers. The Unmanned Aerial Systems department acquired high resolution aerial imagery, as well as a high density/high accuracy point cloud to generate a surface model of the island. This aerial survey was completed in order to assist the conventional surveyors on the ground and to gather an abundance of data on the entire island to be used for erosion monitoring on an annual basis.</p> <p>Topographic, Bathymetric, and Magnetometer Surveys, Contract No. 2503-15-33, Survey Services for Coastal Restoration Projects (TE-117), CPRA – TBS was tasked with mapping the existing marsh island inside a proposed marsh creation cell for CPRA. The UAS department conducted the necessary drone flight operations to capture aerial images with high spatial resolution in order to quickly and accurately map the islands.</p> <p>Emergency Closure Preparation of Bayou Chene, St. Mary Parish, LA, St. Mary Levee District – During the 2016 Mississippi River flood event TBS flew nearly 17 miles of the St. Mary levee system on Avoca Island to document the water level rise with high quality aerial video.</p> <p>Bayou Lafourche- Reintroduction Phase 2 – UAS Project Manager. TBS performed construction monitoring and administration which helped the project become ahead of schedule and be under budget. This assisted the Freshwater District office in obtaining 4 million additional dollars to continue the dredging project an extra 2.4 miles.</p> <p>Levee Centerline Survey, Donaldsonville to the Gulf Project – The survey purpose was to help the USACE to establish a true benefit for protecting the area if a proposed project went forward. Two separate centerline surveys were completed. The Sunset Drainage District alignment represented a 13-mile portion of the 55-mile levee alignment. An alternative north/south levee alignment that the Corps of Engineers identified was also surveyed. Survey services included establishing a baseline and running elevational cross sections every 1,000 feet, 200 feet on either side of the baseline. Topographic information was acquired at utility crossings, and regarding hydrologic barriers close to the levee centerline was gathered including bridges, culverts, or other similar structures.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:
Matthew Stevens <i>Sr. Project Manager</i>
Project Assignment:
Marine Survey
Name of Firm with which associated:

Years' experience with this Firm:
18 years with this firm
Education: Degree(s)/Year/Specialization:
Associate of Science/2005/Drafting & Design Technology
Active registration: Year first registered/discipline:
N/A
Other experience and qualifications relevant to the proposed Project:
<p>Matt has been with TBS for 18 years and acts as a hydrographic surveyor on both inshore and offshore vessels. He is an American Design Drafting Association certified drafter who is proficient in the use of AutoCAD, Inventor and data processing for all instruments used by TBS in hydrographic surveying. Matt has spearheaded the processing and drafting portion of many large and high-profile projects at TBS.</p> <p>Project Experience</p> <p>Bucktown Harbor Entrance Hydrographic Survey, Jefferson Parish, LA (Jefferson Parish Government) – Hydrographic Surveyor. Performed hydrographic surveys for the Bucktown Harbor area.</p> <p>Metairie Marsh Hydrographic Survey, Jefferson Parish, LA (Jefferson Parish Government) – Hydrographic Surveyor. Performed a hydrographic survey of the Lake Pontchartrain shoreline and surrounding areas.</p> <p>St. Bernard Port, Harbor and Terminal District Chalmette Slip Surveys, St. Bernard Parish, LA (St. Bernard Port, Harbor and Terminal District) – Hydrographic Surveyor. Performed underwater acoustic hydrographic surveys including multi-beam, side-scan, magnetometry, and sub-bottom surveys in the Mississippi River in order to obtain detailed bottom conditions near the Chalmette Slip docking facility to recover damage heel-post turning dolphins and conduct other inspections.</p> <p>I-10 Twin Span Demolition Survey, Orleans Parish, LA (NASDI, LLC) – Hydrographic Surveyor. Hydrographic surveys for identifying and locating debris, pipelines, or other infrastructure on the bottom of the lake for the demolition of the I-10 Twin Spans.</p> <p>Ports America Milan Concrete Paving Improvements/Nashville Terminal Conversion to Container and Crane Rail Extension, Orleans Parish, LA– Hydrographic Surveyor. Performed professional hydrographic surveying services in the river.</p> <p>Nashville Wharf Terminal Survey Services, Orleans Parish, LA (AECOM, Ports America, Port NOLA) – Hydrographic Surveyor. Hydrographic side-scan and multi-beam survey was performed from immediately in front of the wharf to hundreds of feet into the Mississippi River to record the contour of the river bottom for use in design of the proposed improvements to the facility. Also, Detailed topographic survey was performed over the site, including under the wharf to collect the mud line topography from the face of the wharf to the bulkhead.</p> <p>Whiskey Island TE-0100 for the NRDA Caillou Lake Headlands, Task #8, Terrebonne Parish, LA – Hydrographic Survey Manager. Tasked with collecting topographic, bathymetric, and aerial-based LiDAR surveys of Whiskey Island and the surrounding area which will serve as the first monitoring survey post-construction of the NRDA Caillou Lake Headlands (TE-100) Project.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:
Laramey Leet <i>Survey Crew Party Chief</i>
Project Assignment:
Party Chief Lead
Name of Firm with which associated:

Years' experience with this Firm:
7 years with this firm
Education: Degree(s)/Year/Specialization:
N/A
Active registration: Year first registered/discipline:
N/A
Other experience and qualifications relevant to the proposed Project:
<p>As a party chief, Laramey is primarily responsible for supervising field survey personnel in the collection of field survey data required. He is also responsible for educating other field associates and compiling notes, sketches, and records of survey data obtained on work performed. Laramey also ensures that field survey personnel have the necessary equipment and supplies, including personal protection equipment to foster a safe work environment. Laramey is experienced with static, rapid static, kinematic and real-time kinematic GPS surveying as well as surveys utilizing conventional total stations and robotic total stations.</p> <p>Project Experience</p> <p>Bucktown Boardwalk Survey Services, Jefferson Parish, LA (Jefferson Parish Government) – Party Chief. Performed topographic surveying for the Bucktown Marsh area.</p> <p>Colonial Club Ditch Pumping Station Survey, Jefferson Parish, LA (Jefferson Parish Government) – Party Chief. Performed a topographic survey of the Colonial Club Ditch in Jefferson Parish, LA.</p> <p>9-Mile Barataria Substation #2, Entergy, Jefferson Parish, LA - Party Chief. Provided hazard survey, stakeout of proposed poles and bisects for construction, level B on specified poles and inset drawings, hydro-probing specified proposed poles, and right-of-way parcel maps on the 9-mile substation transmission line to Barataria Substation.</p> <p>I-12 Widening (US 190 to LA 59) St. Tammany Parish, LA (LADOTD) – Party Chief. Topographic survey of boring locations. Performed staking and topographic surveys of boring locations for roadway and bridge borings along I-12 for a 4-mile F-3 Interstate widening project.</p> <p>Parker Road and PR 929 Roundabout, Ascension Parish, LA (Ascension Parish Government) – Party Chief. Performed field location of all SUE Level B designations and Level A locations for a 4-legged roundabout in Prairieville, LA, including nearly 35,000 linear feet of utilities and 20 Level A test holes on pipelines and water mains. Performed topographic and property surveys.</p> <p>Harrison Avenue Improvements (US 190 - LA 59), St. Tammany Parish, LA (St. Tammany Parish Government) – Survey Crew Party Chief. Performed topographic surveys, survey controls network, and SUE surveys for the Harrison Avenue Improvements project from US 190 to LA 59 in St. Tammany Parish.</p> <p>Rural Bridge Replacement Initiative (Phase 2), LADOTD, Districts 04 and 05 - Survey Crew Party Chief, Performed topographic surveys, SUE designation surveys, and GPS Control of 40 bridge replacement projects for LADOTD. Survey included approximately 2000' of roadway cross sections, 500' of stream cross sections, and a detailed bridge survey and sketch.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:
Jason Harris <i>Survey Crew Party Chief</i>
Project Assignment:
Party Chief
Name of Firm with which associated:

Years' experience with this Firm:
4 years with this firm
Education: Degree(s)/Year/Specialization:
N/A
Active registration: Year first registered/discipline:
N/A
Other experience and qualifications relevant to the proposed Project:
<p>Jason Harris serves as a survey party chief for TBS and offers over 10 years' experience in field surveys as a party chief, he is primarily responsible for supervising field survey personnel in the collection of field survey data required. He is also responsible for educating other field associates and compiling notes, sketches, and records of survey data obtained on work performed. Jason also ensures that field survey personnel have the necessary equipment and supplies, including personal protection equipment to foster a safe work environment. Jason is experienced with static, rapid static, kinematic and real-time kinematic GPS surveying as well as surveys utilizing conventional total stations and robotic total stations.</p> <p>Project Experience</p> <p>LADOTD Surveying Services IDIQ, Statewide, LA - Party Chief. Primarily responsible for communicating with the Project Manager and/or Field Operations Lead and client field representative; Understanding the needs of the project and collecting field survey data required for the project; Supervises field survey personnel.</p> <p>Bucktown Boardwalk Survey Services, Jefferson Parish, LA (Jefferson Parish Government) – Party Chief. Performed topographic surveying for the Bucktown Marsh area.</p> <p>Colonial Club Ditch Pumping Station Survey, Jefferson Parish, LA (Jefferson Parish Government) – Party Chief. Performed a topographic survey of the Colonial Club Ditch in Jefferson Parish, LA.</p> <p>Metairie Marsh Hydrographic Survey, Jefferson Parish, LA (Jefferson Parish Government) – Party Chief. Conducted a hydrographic survey of the Lake Pontchartrain shoreline and surrounding areas.</p> <p>Bucktown Harbor 6(f) Boundary Survey, Jefferson Parish, LA (Jefferson Parish Government) – Party Chief. Performed lease boundary survey services in Jefferson Parish.</p> <p>Eastbound West Esplanade (Transcontinental to Causeway) Survey, Jefferson Parish, LA (Jefferson Parish Government) – Party Chief. Performed field surveys for the Eastbound West Esplanade Avenue Transcontinental Drive to N. Causeway Boulevard project.</p> <p>Goodbee Detention Pond, St Tammany Parish Government, St. Tammany Parish Government – Party Chief. Provide Surveying Services to design an approximately 54-acre detention pond for the Goodbee Pond Project.</p> <p>MDOT I-55 Widening, Church to Goodman, Desoto County, MS - Party Chief. Party Chief. Primarily responsible for communicating with the Project Manager and/or Field Operations Lead and client field representative; Understanding the needs of the project and collecting field survey data required for the project; Supervises field survey personnel.</p> <p>Amazon Distribution Center, Carencro, LA - Party Chief. Provided surveying services associated with an approximate 126-acre site.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Brian Moldaner, PE, MBA
Market Sector Leader, Public Works

Project Assignment:

Client Liason

Name of Firm with which associated:



Years' experience with this Firm:

12 years with this firm

Education: Degree(s)/Year/Specialization:

Bachelor of Science/2011/Civil Engineering
 Master of Business Administration/2019/Business Administration

Active registration: Year first registered/discipline:

LA PE/40075/Civil Engineering

Other experience and qualifications relevant to the proposed Project:

Brian Moldaner is a licensed professional engineer and project manager who is skilled at coordinating projects involving various disciplines including engineering, surveying and environmental services. He performs various project management duties that include developing service fee proposals, creating project management plans, coordinating sub-consultants, and coordinating survey and environmental field crews. As a professional engineer, he designs complete plan sets for civil projects, including site developments, roadways, drainage systems, bridges, pipelines, and utilities. During his undergraduate studies and prior to his employment with T. Baker Smith, Brian worked as a construction aide at his father's residential construction company in Jefferson Parish, LA, where the principles of a solid work ethic and pride in his work were established.

Project Experience

Bucktown Boardwalk Survey Services, Jefferson Parish, LA (Jefferson Parish Government) – Overall Project Manager. Supervised all professional services including topographic, hydrographic and aerial-based surveys.

West Esplanade Avenue Restoration Eastbound (Tartan Drive To Haring Road), Project No. 2017-032-RBP, Jefferson Parish, LA (Jefferson Parish Government) – Overall Project Manager; Engineer of Record. Responsible for the design of approximately 2,650 LF of two-lane concrete roadway reconstruction. Designed roadway alignment to maximize roadway comfort, cross-drain upgrades, sidewalk reconstruction, sidewalk drainage improvements and resurfacing of connected asphalt turn lanes. Coordinated additional design by Jefferson Parish Engineering Department including waterline relocations and light pole relocations. Coordinated and oversaw topographic survey services also provided by TBS, as well as geotechnical engineering and construction project representative services provided by sub-consultants.

David Drive Corridor Improvements (West Napoleon Avenue to Veterans Boulevard), Project No. 2017-015-RBP, Jefferson Parish, LA (Jefferson Parish Government, Drainage Subconsultant) – Project Manager. Performed engineering and project management services for all aspects of design of the drainage improvements associated with the reconstruction of the roadway corridor, including drainage system modeling to size culverts, placement of drainage structures, constructibility review, utility conflict identification and general plan set preparation.

Labarre Road Widening (Airline Drive to Loumor Street), Project No. 2017-020-RBP, Jefferson Parish, LA (Jefferson Parish Government) – Overall Project Manager. Supervised all professional services including the topographic survey and performed schematic design for Labarre Road Widening.

Monroe Street Drainage Improvements Mandeville, LA – Overall Project Manager, Project Engineer. Provided engineering services for the upgrade of existing pipe diameters, enclosure of existing open ditches, upgrade of new cross culverts, and miscellaneous subsurface drainage piping in the segments of Kleber Street and Monroe Street that experienced street flooding in Mandeville, LA. Provided analysis of the upstream drainage areas to size drainage system in project area appropriately. Managed all supporting consulting services including topographic surveying and geotechnical investigations. Assisted the City with bidding of the project, provided construction administration services throughout construction and provided as-built record drawings at completion.

TEC Professional Services Questionnaire

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

PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:					
<p>Bucktown Boardwalk & Marsh Overlook Jefferson Parish, LA</p> <p><i>Jefferson Parish Government Lauren Averill 1221 Elmwood Park Blvd. Suite 906 Jefferson, LA 70123 504.736.6653</i></p>  <p align="center">Bucktown Boardwalk & Marsh Site Photos</p>	<p>The Jefferson Parish Department of Environmental Affairs along with the Coastal Management Department of Jefferson Parish is looking to renovate the Bucktown Harbor. This Boardwalk will be the first phase of these proposed renovations to the harbor. The proposed plan is to build a boardwalk that is 8 feet wide and 928 feet long, along the western edge of the Harbor's property that extends into Lake Pontchartrain. This proposed boardwalk will have two eastern facing observation decks that will extend into the interior marsh. The two eastern facing decks will have benches and bird blinds. There are also two proposed 16-foot x 24-foot western facing observation decks with benches that will extend from the boardwalk into the lake. On the northern end of the boardwalk there is a proposed kayak launch.</p> <p>TBS conducted a topographic survey of existing interior marsh area and lake edge. This work was preformed strictly on foot as not to disturb the vegetation in the interior marsh or the lake edge. TBS collected elevation data on a 50-foot grid through the marsh area. In the area of the proposed interior decks, TBS collected elevation data on a 25-foot grid. TBS also provided a detailed survey of an existing water feature that connects the interior marsh with the lake, and cross-section of the existing rip-rap that runs along the lake shoreline. In specified locations TBS extended these cross sections into the lake to locate the end of the submerged rip-rock.</p> <p>Services Provided:</p> <ul style="list-style-type: none"> • Topographic Surveys • Control Points • OPUS Data Processing  <p align="center">Bucktown Boardwalk & Marsh Site Photos</p>					
<p align="center">Completion Date (Actual or estimated):</p> <p align="center">2018 (Actual)</p>	<p align="center">Estimated Cost:</p> <table border="1"> <tr> <td align="center">Entire Project:</td> <td align="center">Work for which Firm was Responsible:</td> </tr> <tr> <td align="center">N/A</td> <td align="center">\$7,650 (surveying fees)</td> </tr> </table>		Entire Project:	Work for which Firm was Responsible:	N/A	\$7,650 (surveying fees)
Entire Project:	Work for which Firm was Responsible:					
N/A	\$7,650 (surveying fees)					

TEC Professional Services Questionnaire

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

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Bucktown Harbor Survey Services Jefferson Parish, LA</p> <p><i>Jefferson Parish Government</i> Mark Drewes 1221 Elmwood Pk. Blvd. Suite 802 Jefferson, LA 70123 504.736.6500</p>  <p align="center">Bucktown Harbor Vision Plan (image credit: bucktownharbor.com)</p>	<p>Bucktown Harbor is a partially reclaimed stretch of 30+ acres of lake bottom which forms a protected harbor on the south shore of Lake Pontchartrain in Metairie, LA. Currently a home base for the U.S. Coast Guard Station New Orleans and serving as a recreational and commercial fishing marina, the Harbor is largely undeveloped. This property provides opportunity to develop a vibrant waterfront gathering place, rich with tradition and honoring the history of the community. Future plans for the property include modification of the harbor entry, additional boating docks, terraced lawns, an educational marsh boardwalk and fishing pier, among other features.</p> <p>Services Provided:</p> <ul style="list-style-type: none"> • Site-wide topographic land surveying <ul style="list-style-type: none"> › 36-acre Topographic Survey › Utilities Mapping › Elevation Grid of Marsh Area • Single-Beam Hydrographic Survey <ul style="list-style-type: none"> › Inner Harbor › Pump Station Discharge Area › Lake Pontchartrain Shoreline from Harbor to Causeway Bridge • Multi-Beam Hydrographic Survey <ul style="list-style-type: none"> › Harbor Entrance › Pump Station Discharge Area • 6(f) Boundary in Accordance with LWCF Guidelines • Shoreline Erosion Assessment <ul style="list-style-type: none"> › Aerial LiDAR › Traditional Topographic Survey › Bathymetric Survey 	
<p align="center">Completion Date (Actual or estimated):</p>	<p align="center">Estimated Cost:</p>	
	<p align="center">Entire Project:</p>	<p align="center">Work for which Firm was Responsible:</p>
<p>2019 (Actual)</p>	<p>N/A</p>	<p>\$128,950</p>

TEC Professional Services Questionnaire

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

PROJECT NO. 3

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:					
<p>Eastbound West Esplanade Avenue Restoration (Tartan Drive to Haring Road) Jefferson Parish, LA</p> <p><i>Jefferson Parish Government Mark Drewes 1221 Elmwood Pk. Blvd. Suite 802 Jefferson, LA 70123 504.736.6500</i></p>  <p>Eastbound W. Esplanade Ave. Restoration Site Images</p>	<p>The eastbound lanes of West Esplanade Avenue between Tartan Drive and Haring Road were in less-than-desirable condition due to general wear and tear, various patch repairs and the overall age of the roadway. Jefferson Parish contracted TBS to design the reconstruction of the roadway to like-new condition.</p> <p>In addition to designing the general removal and replacement of 9-inch concrete along the half-mile roadway segment, the project includes roadway profile adjustments to optimize driver comfort, upgrade of three cross drains to 42-inch RCP, heavy duty curbing, adjustment of various catch basins and manholes, ADA compliant handicap accessible curb ramps and sidewalk improvements, driveway removal and replacement, median drainage improvements, and relocation of street lighting.</p> <p>Services Provided:</p> <ul style="list-style-type: none"> • Engineering Services • Construction Cost Estimating • Resident Inspection • Topographic Survey 					
<p align="center">Completion Date (Actual or estimated):</p> <p align="center">2020 (Actual)</p>	<p align="center">Estimated Cost:</p> <table border="1" data-bbox="565 1808 1537 1963"> <thead> <tr> <th data-bbox="565 1808 1045 1892">Entire Project:</th> <th data-bbox="1045 1808 1537 1892">Work for which Firm was Responsible:</th> </tr> </thead> <tbody> <tr> <td align="center" data-bbox="565 1892 1045 1963">\$1,800,000 (construction)</td> <td align="center" data-bbox="1045 1892 1537 1963">\$144,000 (engineering & surveying fees)</td> </tr> </tbody> </table>		Entire Project:	Work for which Firm was Responsible:	\$1,800,000 (construction)	\$144,000 (engineering & surveying fees)
Entire Project:	Work for which Firm was Responsible:					
\$1,800,000 (construction)	\$144,000 (engineering & surveying fees)					

TEC Professional Services Questionnaire

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

PROJECT NO. 4

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>2021 IDIQ Contract for Professional Surveying Services Statewide LA</p> <p><i>Louisiana DOTD Steve Leblanc, PLS. P.O. Box 94245 Baton Rouge, LA 70804 225.379.1956</i></p> <div style="display: flex; flex-direction: column; align-items: center;">   </div> <p>LADOTD Statewide Survey Retainer. Top: LDRR Survey (New Iberia). Bottom: Bedico Creek Survey</p>	<p>TBS was selected for a statewide surveying retainer contract in late-2021 with the concentration of the work to be in Districts 02, 61 and 62. Under this contract, TBS performs topographic surveying for LADOTD projects statewide. The limitation for fees is \$5 Million under this professional services contract, and projects are initiated via task order. TBS completes all deliverables using Microstation and Inroads as certified by CADconform. Some of the projects are listed below:</p> <p>S.P. No. H.009892 – LDRR (New Iberia) US 90 Frontage Road, Iberia Parish - This project was located in Iberia Parish, LA at the intersection of US 90 and LA Hwy 329, north of US 90, and along US 90 Frontage Rd and LA 329. The projects objective was to connect the US 90 Frontage Road across LA 329 and the existing Louisiana and Delta Railroad (LDRR). A complete topographic survey including all utilities with depths and all drainage was required, along with finish floor elevations of all buildings that fall within the survey limits. Topographic Survey 100% complete.</p> <p>S.P. No. H.014414 – LA 22: Bedico Creek – Pine Creek, St. Tammany & Tangipahoa Parishes– This project is located in St. Tammany & Tangipahoa Parishes, Louisiana, along LA Hwy 22, approximately between Bedico Creek and Autumn Creek Drive. It is part of the Transportation Improvement Program widen and improve intersections. A complete Topographic survey including all utilities with depths and all drainage was required, along with finish floor elevations of all buildings that fall within the survey limits. The main corridor for this project is approximately 4.5 miles along a high traffic highway with a heavily wooded right of way. The width of the survey and DTM is a total of 140', 70' each side of the project centerline. The project also included the topographic survey for the design of a possible roundabout at Trepagnier Road. Topographic Survey 85% complete.</p> <p>Services Provided:</p> <ul style="list-style-type: none"> • Field Survey • Topographic Survey 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2026 (Estimated)	N/A	\$547,000 (To-Date)

TEC Professional Services Questionnaire

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

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>4th Street Bike Path Survey Jefferson Parish, LA</p> <p><i>Jefferson Parish Government Mark Drewes 1221 Elmwood Pk. Blvd. Suite 802 Jefferson, LA 70123 504.736.6500</i></p>	<p>TBS performed a topographic survey railroad south side ditch from Barataria Blvd. to Manhattan Blvd.</p> <p>The survey area was approximately 1.9 miles long excluding all of the bridge structure crossing the Harvey Canal. The survey extended from the southern rail of the tracks to southern edge of 4th street.</p> <p>The survey area is shown in the screen shot below. The topographic survey covered the following:</p> <ul style="list-style-type: none"> • Surveyed cross section every 200 ft including: <ul style="list-style-type: none"> - South rail of tracks - Top of canal slope (north side) - Toe of canal slope (north side) - Toe of canal slope (south side) - Top of canal slope (south side) - Edge of roadway 4th Street (north side) - Centerline of Roadway 4th Street - Edge of roadway 4th Street (south side) • Noted significant cross section changes that may occur in between the 200 ft. intervals. • Noted any drainage outfall pipes with invert ELs, headwalls or any other significant feature. • All marked utilities were captured as part of the survey. • Noted all utility poles, guy wires, landscaping, or other obstructions within area between the south rail and north edge of roadway. • Provided plan view and cross sections of the area within the limits of the survey area. <div style="text-align: center;">  <p>Aerial view of area in the survey.</p> </div>	
Completion Date (Actual or estimated):	Estimated Cost:	
2023 (Actual)	Entire Project:	Work for which Firm was Responsible:
	\$50,660	\$50,660

TEC Professional Services Questionnaire

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

PROJECT NO. 6

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:
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Colonial Club Ditch Pumping Station Survey
Jefferson Parish, LA

*Jefferson Parish Government
John O'Connor, PE
1221 Elmwood Park Blvd.
Suite 906
Jefferson, LA 70123
504.736.6833*

TBS performed a topographic survey of the Colonial Club Ditch in Jefferson Parish, LA. The ditch drains a large residential area including a golf course. TBS collected data on the ditch itself, as well as other elements draining immediately into it, improvements within the area of the ditch, and utility information for those which might be affected by digging or widening of the ditch. The data was then processed and converted to CAIRO datum, due to the elevation of New Orleans, and brought into CAD for deliverable preparation. Plan views were created showing linework of improvements that were collected, elevation values, utility information, and contour lines of the surveyed area. They were delivered to the Parish and TBS' in-house engineers so that they could then evaluate the need and effectiveness of a pump station based on the existing drainage conditions.

Services Provided:

- Topographic Survey



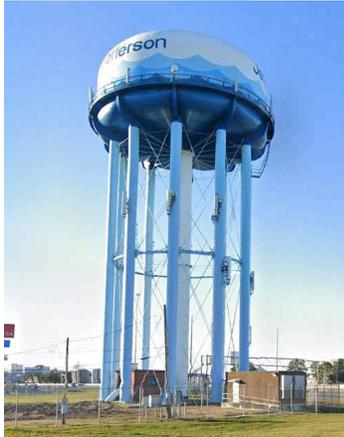
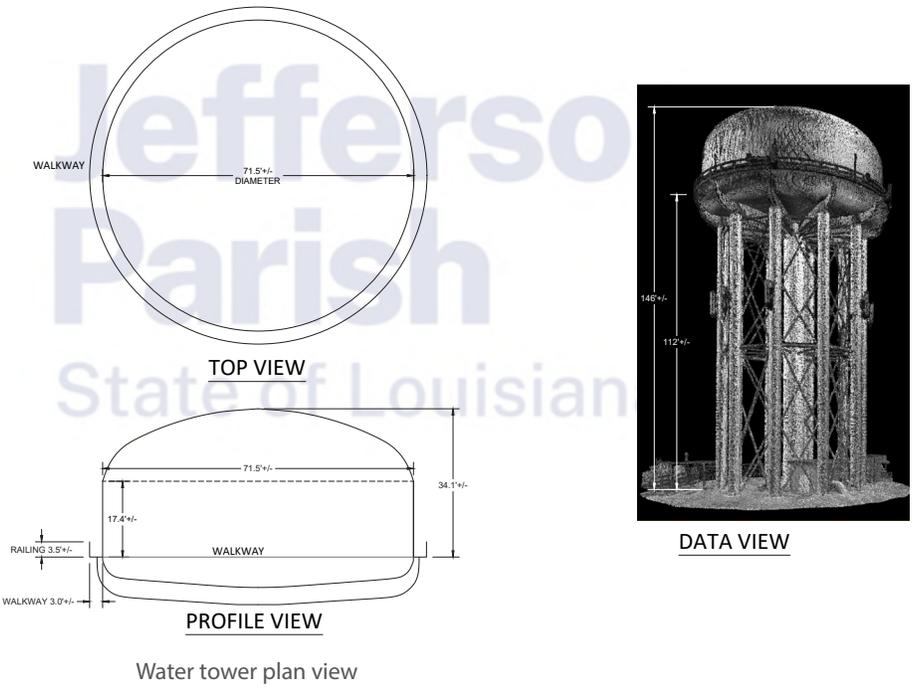
Colonial Club Topographic Deliverable

Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021 (Actual)	N/A	\$18,000

TEC Professional Services Questionnaire

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

PROJECT NO. 7

<p>Project Name, Location and Owner's contact information:</p>	<p>Nature of Firm's Responsibility:</p>	
<p>Causeway Water Tower UAS Survey Jefferson Parish, LA</p> <p><i>Jefferson Parish Government Sidney J. Bazley III 1221 Elmwood Pk. Blvd. Suite 909 Jefferson, LA 70123 504.736.6060</i></p>  <p align="center">GROUND VIEW</p>	<p>TBS performed a UAS Survey at the Causeway water tower to determine the general size of the water tower so an artist can render the new paint scheme.</p> <p>TBS' UAS crew deployed a multi-rotor drone to fly the extents of the water tower to collect data from the air. TBS then returned to the office, processed the data from the field services and produced the deliverable drawing.</p> <p>Services Provided:</p> <ul style="list-style-type: none"> • UAS Survey  <p align="center">Water tower plan view</p>	

<p>Completion Date (Actual or estimated):</p>	<p align="center">Estimated Cost:</p>	
	<p align="center">Entire Project:</p>	<p align="center">Work for which Firm was Responsible:</p>
<p align="center">2021 (Actual)</p>	<p align="center">N/A</p>	<p align="center">\$2,500</p>

TEC Professional Services Questionnaire

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

PROJECT NO. 8

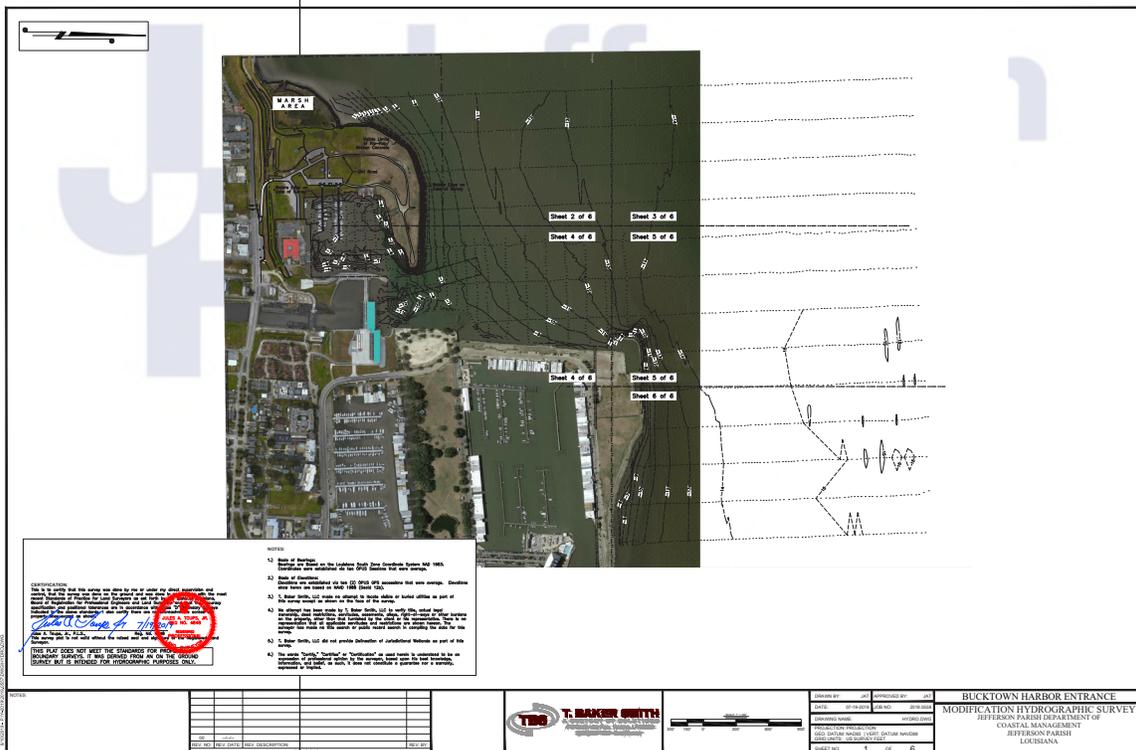
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Eastbound West Esplanade (Transcontinental to Causeway) Survey Jefferson Parish, LA</p> <p><i>Jefferson Parish Government Mark Drewes 1221 Elmwood Park Blvd. Suite 906 Jefferson, LA 70123 504.736.6833</i></p>	<p>The eastbound lanes of West Esplanade Avenue from Transcontinental Drive to Hudson Street, and Cleary Avenue to Severn Avenue are in need of rehabilitation due to general wear and tear resulting in heavy use. The existing road surface is covered in patches due to spot repairs over time, creating an uneven driving surface. Jefferson Parish contracted TBS to restore and rehabilitate the roadway to a like-new condition.</p> <p>TBS began by performing a detailed survey of the road surface along the desired stretches to provide designers with an existing profile of the road. Along with the existing road surface, utility information, drainage structures, sidewalks, and any other miscellaneous improvements were also collected so the designers would have a complete picture of the roadway corridor. These elements were then processed and displayed in plan and profile sheets that could be used as the basis of the construction plans by the designer.</p> <p>Engineering design of the roadway is currently underway.</p> <p>Services Provided:</p> <ul style="list-style-type: none"> • Topographic Survey • Engineering Services • Construction Plans <div data-bbox="699 1331 1354 1688" data-label="Image"> </div> <p align="center">EastboundWestEsplanade(TranscontinentaltoCauseway)AerialView</p>	
<p>Completion Date (Actual or estimated):</p>	<p align="center">Estimated Cost:</p>	
<p align="center">2020 (Actual)</p>	<p align="center">Entire Project:</p>	<p align="center">Work for which Firm was Responsible:</p>
	<p align="center">N/A</p>	<p align="center">\$63,675</p>

TEC Professional Services Questionnaire

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

PROJECT NO. 9

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:
<p>Bucktown Harbor Entrance Hydrographic Survey Jefferson Parish, LA</p> <p><i>Jefferson Parish Government Lauren Averill 1221 Elmwood Park Blvd. Suite 906 Jefferson, LA 70123 504.736.6653</i></p>	<p>TBS conducted a hydrographic survey of the Bucktown Harbor area.</p> <p>TBS utilized a two-man survey crew to conduct the hydrographic survey. TBS reviewed aerial photography and client provided maps to establish survey transect lines for the hydrographic survey. Digital lines files were created in Hypack and placed on the NAD83(2011) datum. The survey crew used a RTK GPS, a multi-beam echo-sounder, side-scan sonar, and magnetometer to collect hydrographic data into the Hypack interface. The survey crew also recorded water survey elevations during the survey for tide corrections during data processing.</p> <p>Services Provided:</p> <ul style="list-style-type: none"> Hydrographic Survey



Bucktown Harbor Survey Deliverable

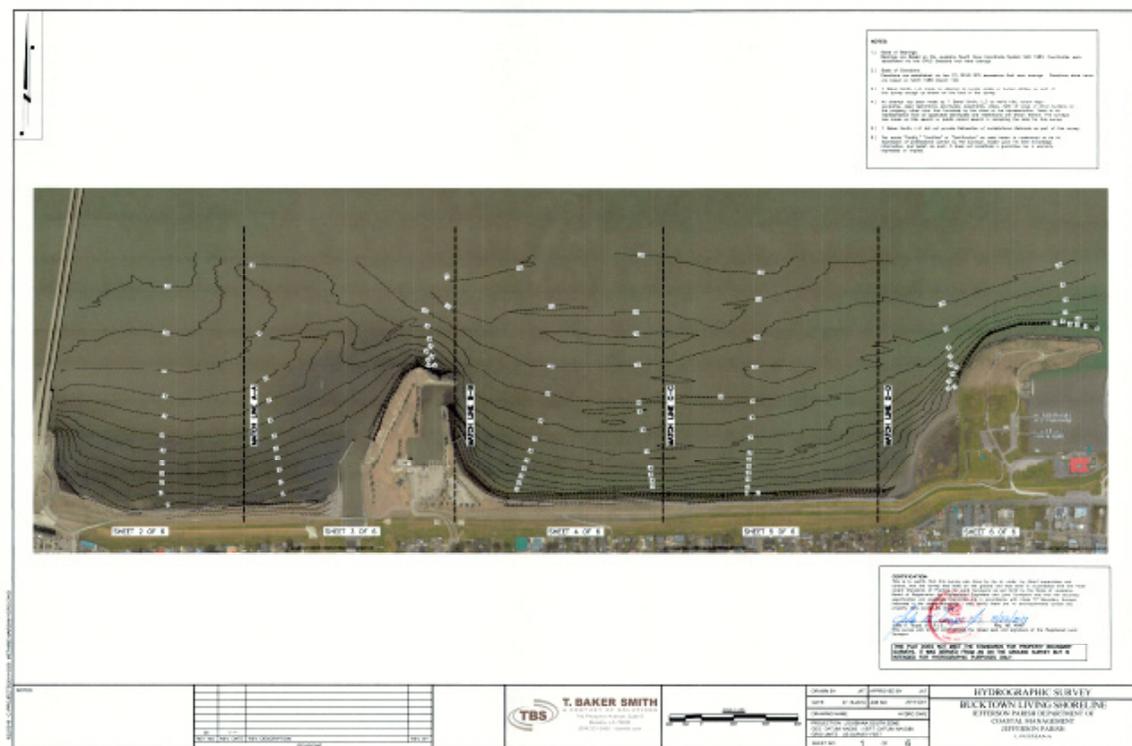
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020 (Actual)	N/A	\$15,500

TEC Professional Services Questionnaire

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

PROJECT NO. 10

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:
<p>Metairie Marsh Hydrographic Survey Jefferson Parish, LA</p> <p><i>Jefferson Parish Government Lauren Averill 1221 Elmwood Park Blvd. Suite 906 Jefferson, LA 70123 504.736.6653</i></p>	<p>TBS conducted a hydrographic survey of the Lake Pontchartrain's shoreline and surrounding areas.</p> <p>TBS utilized a three-man survey crew to conduct the hydrographic survey. TBS reviewed aerial photography and client provided maps to establish survey transect lines for the hydrographic survey. Digital lines files were created in HYPACK and placed on the NAD83(2011) datum. The Survey crew used a RTK GPS and a Dual Frequency echo-sounder to collect hydrographic data into the HYPACK interface. The Survey crew then recorded water survey elevations during the survey for tide corrections during data processing.</p> <p>Services Provided:</p> <ul style="list-style-type: none"> Hydrographic Survey



Metairie Marsh Survey Deliverable

Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020 (Actual)	N/A	\$9,500

TEC Professional Services Questionnaire

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

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
Jefferson Parish Government	Swift Energy Operating, LLC; Double Eagle Marine, LLC; Tommie Vizier and Sons Towing Co, LLC; Premier Tugs, LLC; Daigle Towing Service, LLC; T. Baker Smith, LLC	Because TBS held a portion of the liability, Jefferson Parish offered a settlement, which we negotiated with them and which was approved by Jefferson Parish Council on April 30, 2014. Jefferson Parish prevailed in this litigation, which was settled out of court.

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

FIRM HISTORY

Established in 1913, T. Baker Smith, LLC (TBS) is a professional engineering, surveying, and environmental firm servicing nine office locations throughout the Gulf Coast region, including Metairie, Thibodaux, Houma, Baton Rouge, Lafayette, and Covington, Louisiana; Aransas Pass and Houston, Texas; and Jackson, Mississippi. TBS provides innovative civil engineering and design services for our clients, with our experience covering a broad range of public works, transportation, land development, industrial, pipeline, coastal, and facility projects. TBS has a multi-disciplined approach by having associates involved in all project phases by providing surveying, roadway and bridge design, inspection, and construction services offering a seamless, integrated effort, proven to deliver projects, on-time, every time.



TBS is recognized for consistently delivering sustainable projects that enhance and protect our communities. Leveraging superior, integrated services and leading-edge technology, TBS’ award-winning team of professionals takes personal pride in developing customized solutions to a spectrum of challenges our clients face. We utilize multi-disciplined associates throughout project life cycles, which enhances collaboration and keeps projects moving.

PROFESSIONAL TRAINING AND EXPERIENCE

Our professionals hold degrees in geomatics, industrial technology, civil engineering, mechanical engineering, structural engineering, mechanical engineering technology, drafting and design technology, etc. All of our professionals have proper state registrations. These qualifications are exemplified in the resumes provided in Section K.

CAPACITY FOR TIMELY COMPLETION OF PROJECTS

TBS is committed to continuously improving project completion time and schedules. With approximately 280 associates and nine office locations firm-wide, we have sufficient staff and resources to handle the task associated with this RFQ. Our associates range from disciple leaders and lead professionals overseeing the quality of work, to project managers managing the project's progress, to project technicians and assistants providing advanced technical support to get the job done. Our integral approach to projects allows us to communicate, manage, and use resources from various office locations on a daily basis. Additionally, TBS continues to recruit and employ highly qualified professionals to ensure continued growth of the quality services we provide to our communities.

Location of the principal office

TBS will manage projects resulting from this request from our Metairie, LA office located at 6660 Riverside Dr. Suite 101, Metairie, LA 70003. Additional support can be provided from our other office locations in Covington, Thibodaux, Houma, and Prairieville as needed.

TEC Professional Services Questionnaire

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

MINIMUM REQUIREMENTS

Requirement	TBS Associate
1. The persons or firm under consideration shall have at least One (1) principal who is a professional land surveyor, who shall be registered as such in Louisiana.	Kenneth Wm. Smith, PE, PLS, FACEC <i>Chief Executive Officer</i> LA PLS.4772 exp.: 9/30/2024
2. The persons or firm under consideration shall have a professional in charge of the project who is a professional land surveyor, who shall be registered as such in Louisiana, with a minimum of five (5) years of experience in the disciplines involved.	David Martinez, PLS <i>Discipline Leader, Survey</i> LA PLS.4614 exp.: 9/30/2023
3. The persons or firms under consideration shall have one employee who is a professional land surveyor, who shall be registered as such in Louisiana in the field or fields of expertise required for the project (A sub-consultant may meet the requirement only if the advertised project involves more than one discipline.)	Rene Hebert, PLS, PMP <i>Lead Professional, Survey</i> LA PLS.5070 exp.: 3/31/2024

ADVERSARIAL LEGAL PROCEEDINGS

As described in Section M above, TBS was involved in a legal matter with Jefferson Parish that was settled in April of 2014.

PRIOR SUCCESSFUL COMPLETION OF PROJECTS

TBS' team of professionals has many years of experience working on surveying projects in Louisiana. Projects highlighted in Section L exemplify our history of similar project experience and include:

Eastbound West Esplanade Avenue Restoration (Tartan Drive to Haring Road) – TBS performed approximately 2,650 linear feet of topographic survey. In addition to designing the general removal and replacement of 9-inch concrete along the half-mile roadway segment, the project includes roadway profile adjustments to optimize driver comfort, upgrade of three cross drains to 42-inch RCP, heavy duty curbing, adjustment of various catch basins and manholes, ADA compliant handicap accessible curb ramps and sidewalk improvements, driveway removal and replacement, median drainage improvements, and relocation of street lighting.

2013 Retainer Contract for Professional Surveying Services – Statewide – TBS completed multiple Task Orders involving Topographic, Right of Way and Hydrographic surveying including S.P. No. H.009481: Bayou Chevrielle Bridge - LA Hwy 20 (Topo), S.P. No. H.008149: Pier 1 Removal (Leeville Bridge) – LA Hwy 1 (Hydrographic), S.P. No. H.011289: LA 70 Bypass (Detour Route) – LA Hwy 70 (Topo), S.P. No. H.001439, Bridges near Grand Isle, LA 1 (property and ROW); S.P. H.002381: LA 43 Creek Bridge near Albany (ROW).

FIRM SIZE

TBS currently has approximately 280 associates firm wide, our diverse project teams include professional land surveyors; offshore surveyors; planners; civil, structural, mechanical, coastal, and environmental engineers; environmental scientists; biologists; construction administrators; project representatives; and technical support personnel.

PAST PERFORMANCE ON PARISH CONTRACTS

TBS has chosen the best in each practice area to serve Jefferson Parish on survey projects arising from this RFQ. Our project managers have worked together to provide survey on numerous public works projects, including those in Jefferson Parish. TBS has the right blend of survey, engineering, planning, and environmental professionals to support Jefferson Parish in successful execution of tasks. TBS employs additional surveyors, civil engineers, environmental scientists, and technical support staff to fully support the key staff in executing the work arising from this RFQ. A list of

TEC Professional Services Questionnaire

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

past survey projects/tasks performed for Jefferson Parish include:

Bucktown Harbor 6(f) Boundary Survey	Eastbound West Esplanade Survey (Trans-continental to Causeway)	Labarre Road Survey (Airline to Loumor)
Bucktown Harbor Survey	Bridge City Water Tower UAS Survey	Metairie Marsh Hydrographic Survey (Lake Pontchartrain – Bucktown to Bonnabel)
Bucktown Harbor Entrance Hydrographic Survey	Harvey Water Tower Survey UAS Survey	Lake Villa Pond Survey
Bucktown Harbor Transient Dock Survey	Lafitte Water Tower Survey UAS Survey	Bonnabel Shoreline Topographic Survey
Bucktown Harbor Shoreline Post-Zeta Assessment Survey	Marrero Road Water Tower UAS Survey	Duncan Pump Station Residence Construction Layout Survey
Bucktown Boardwalk Survey Services	Patriot Street Water Tower UAS Survey	4th Street Bike Path Survey
Eastbound West Esplanade Survey (Tartan to Haring)	Colonial Club Ditch Pumping Station Survey	Causeway Water Tower UAS Survey

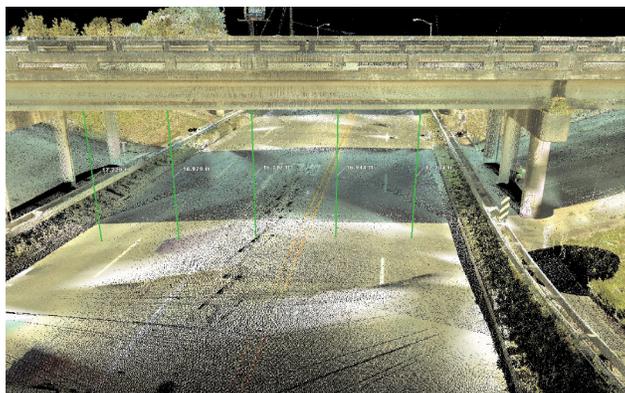
CONCLUSION

The foundation of our surveying and mapping practice is built around an appreciation of boundaries and the preservation of property rights. Since 1913, TBS has been surveying the land and waterways in and around our communities, bringing innovation, efficiency, and accuracy to every project.

With over a century of archived data, boundary records, and historical maps of the Gulf Coast region, TBS is able to raise the bar by utilizing the latest and most efficient methods for collecting and staking data points for property and topographic surveys. These methods range from conventional instrumentation to fully automated land- and aerial-based systems.

TBS has the resources and experience necessary to perform surveying services specific to this RFQ for Jefferson Parish. At TBS, our organization believes and is dedicated to the safety and well being of our community and the communities around us. We are dedicated to making the area we live in a better place and take great passion in doing what we can to help the citizens of south Louisiana.

Since 1913, TBS has provided public works solutions that improved the quality of life in the communities we helped build. With our 110 years of experience and passion for seeing our communities thrive, we ask for your trust in TBS to provide Jefferson Parish with integrated solutions for this projects.



TEC Professional Services Questionnaire

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

Signature: *David L. Martinez*

Print Name: David Martinez, PLS

Title: Discipline Leader - Survey

Date: 08/11/2023

