



T. BAKER SMITH
A CENTURY OF SOLUTIONS



ROUTINE ENGINEERING SERVICES FOR SEWER PROJECTS IN JEFFERSON PARISH

Resolution 138812 | SOQ NO. 22-010

March 25, 2022

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

**ROUTINE ENGINEERING SERVICES FOR SEWER PROJECTS
IN JEFFERSON PARISH
Resolution 138812**

B. Firm Name & Address:

T. Baker Smith, LLC
740 Phosphor Avenue, Suite B
Metairie, LA 70005



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.

Brian E. Moldaner, PE, MBA
Project Manager
504.608.9367
Brian.Moldaner@tbsmith.com

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

<u>40</u> Administrative	<u> </u> Estimators	<u> </u> Specification Writers
<u> </u> Architects (Licensed)	<u> 1 </u> Geologists	<u> 5 </u> Structural Engineers
<u> </u> Chemical Engineers	<u> </u> Geotechnical Engineers	<u> </u> Graduate Engineers
<u>27</u> Civil Engineers	<u> </u> Interior Designers	<u>24</u> Project Managers
<u> 5 </u> Construction Inspectors	<u> 1 </u> Landscape Architects	<u> </u> Clerical
<u>10</u> Ecologists	<u> </u> Land Surveyor	<u> </u> Grant/Funding Specialist
<u> </u> Electrical Engineers	<u> 1 </u> Mechanical Engineers	<u> </u> Sanitary Engineers
<u>11</u> Engineer Intern	<u> 1 </u> Environmental Engineers	<u>144</u> Other
<u>18</u> Professional Land Surveyors		<u>260</u> TOTAL

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

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

TEC Professional Services Questionnaire

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

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):
<p>N/A</p> 		

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

260 (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:

Brian E. Moldaner, PE, MBA

Lead Professional, Engineering

Project Assignment:

Lead Professional

Name of Firm with which associated:



Years' experience with this Firm:

11 years with this firm

Education: Degree(s)/Year/Specialization:

Bachelor of Science/2011/Civil Engineering

Master of Business Administration/2019

Active registration: Year first registered/discipline:

LA PE.40075/2015/Civil

Other experience and qualifications relevant to the proposed Project:

Brian is a Professional Engineer and project manager skilled at coordinating projects involving various disciplines including engineering, surveying and environmental services. He performs project management duties that include service fee proposals, coordination of engineering design professionals and technicians, creating project management plans, coordinating sub-consultants, and coordinating survey and environmental field crews. As a Professional Engineer, Brian designs complete plan sets for civil projects, including site developments, roadways, drainage systems, bridges, pipelines, and utilities. He is engaged in all aspects of the project from conceptualization through construction and operation. During his schooling 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

Redirection of Cleveland No.1 and No. 2 Lift Stations to Elysian Lift Station, Houma, LA (Terrebonne Parish Consolidated Government) – Project Manager, Engineer of Record. Designed approximately 3,900 LF of 8-inch sewer force main improvements and related incidental roadway construction to allow the owner the ability to redirect sewer flows to adjacent lift stations as-needed to prevent inundation of smaller lift stations. Directed survey field crews, held owner meetings for design coordination/review and coordinated permitting with Louisiana Department of Health.

Wastewater System Design for Subdivision Development, St. Tammany Parish, LA (Black Oak Holdings, LLC) – Project Manager. Provided oversight, overall project management, and coordination of professional services for the development of a 14-lot residential subdivision. TBS was hired by Black Oak to provide the required professional services necessary to assist in the development of the property. Services included drainage, water, sewer, construction administration, and construction staking of the development for the developer.

Sewer System Infiltration/Inflow Elimination Program, Houma, LA (Terrebonne Parish Consolidated Government) – Project Engineer. Performed design tasks for the cleaning, video inspection, and cast in place pipe (CIPP) lining of existing gravity sewer mains and service lines to reduce infiltration and inflow into the parish gravity sewer collection systems.

North Thibodaux Wastewater Treatment Plant, Thibodaux, LA (City of Thibodaux) – Project Engineer. Provided engineering support for the new wastewater treatment plant.

Water System Design for Distribution Facility, Carencro, LA (Scannell Properties #449, LLC) - Project Manager, Engineer of Record. Designed a 120-acre tract of land in Carencro, Louisiana, in order to construct a new one million square foot distribution facility with a design occupancy of 3,000 employees. TBS was hired by developer to provide the required professional services necessary to assist in development of the property. Services included survey, environmental, drainage, water, sewer, paving, landscape architecture, construction administration, and construction staking of the development for the developer.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:
William "Will" Bane, PE <i>Sr. Project Manager</i>
Project Assignment:
Project Manager
Name of Firm with which associated:

Years' experience with this Firm:
1 years with this firm, 16 years with other firms
Education: Degree(s)/Year/Specialization:
Bachelor of Science/2003/Civil Engineering Master of Science/2005/Civil Engineering
Active registration: Year first registered/discipline:
LA PE.36709/2011/Civil
Other experience and qualifications relevant to the proposed Project:
<p>William has 17 years of experience in design and construction of civil engineering projects and is a graduate of Tulane University and the University of Illinois Urbana-Champaign. He has successful history as a Project Manager having managed multifaceted projects including regional drainage projects, green infrastructure, watermain improvements and sewer collection system improvements, street construction, site development, as well as flood protection projects. He has served as designer for sewer, water and drainage projects from individual lots up to neighborhood scale. He has a depth of experience in design, construction estimates, scheduling, permitting, bidding and construction administration. He has successfully executed many multifaceted projects from problem identification through project completion. His experience includes large civil works for private developers and public municipalities.</p> <p>Project Experience</p> <p>St. Claude Sewer Replacement Program, New Orleans, LA (Sewer and Water Board New Orleans) – Project Manager and Supervising Designer. Provided professional services for the replacement of sanitary sewer infrastructure in the St. Claude Neighborhood of New Orleans, LA. The project used information gathered through video assessment to locate sewer breaks and settlement to determine areas where repair, lining, or full replacement was needed. Detailed construction plans were prepared for bidding and construction. Plans and specifications were coordinated and scheduled with Recovery Roads pavement replacement program, adding to complexity in design.</p> <p>St. Roch Recovery Roads, New Orleans, LA (Sewer and Water Board New Orleans) – Project Manager and Supervising Designer. Provided professional services for the replacement of sanitary sewer infrastructure in the St. Roch Neighborhood of New Orleans, LA. The project used information gathered through video assessment to locate sewer breaks and settlement to determine areas where repair, lining, or full replacement was needed. Detailed construction plans were prepared for bidding and construction. Plans and specifications were coordinated and scheduled with Recovery Roads pavement replacement program, adding to complexity in design.</p> <p>Hagan-Lafitte Lafitte Drainage Upgrades and Green Infrastructure, New Orleans, LA (City of New Orleans) – Project Manager. Responsible for drainage, streets, green infrastructure, water, sewer and underground storage system for FEMA HGMP funded project to reduce flooding in the Lafitte neighborhood. The project proposed improvements to the storm network to increase pipe sizes and provide underground storage within a public park. Green infrastructure elements were included to recharge groundwater and reduce downstream capacity demands. A Benefit Cost Analysis justified the proposed project through flood reductions. Modifications and relocation of existing sanitary sewer system were required to provide room for drainage structures. The project required coordination between the engineer, Department of Public Works, and the Sewer and Water Board. Modeling results indicate a reduction in flooding during a 2-year storm of 14 inches.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Steve Synovitz, PE

Lead Professional, Engineering

Project Assignment:

QA/QC Manager

Name of Firm with which associated:



Years' experience with this Firm:

1 years with this firm, 41 years with other firms

Education: Degree(s)/Year/Specialization:

Bachelor of Science/1983/Civil Engineering

Active registration: Year first registered/discipline:

LA PE.35362/2010/Civil | TX PE.82426/1997/Civil

Other experience and qualifications relevant to the proposed Project:

Steve Synovitz is the engineering lead professional of the T. Baker Smith Aransas Pass, Texas office. He has over 42 years of management, design, and field experience on public and private sector projects. The scope of his experience includes water distribution systems, sanitary sewer facilities, street improvement projects, storm drains, retaining walls, grading plans, hydrology studies and hydraulic analyses.

Steve is a registered professional engineer in Louisiana, Texas, and California; has studied River Restoration & Design through Portland State University in Oregon; and is a NASDS certified open water scuba diver. He achieved a B.S. Degree in Civil Engineering at the University of Illinois in Champaign-Urbana.

Project Experience

Effluent Irrigation System, Leakey, TX (Nueces River Authority) – Project Engineer. Design & construction observation of 100-acre effluent irrigation system.

International Airport, Sanitary Sewer, San Antonio, TX (SAIA) – Project Engineer. Study for rerouting an existing aging & undersized sanitary sewer line beneath terminal building.

Laguna Madre Service Area Infiltration & Inflow, Corpus Christi, TX (City of Corpus Christi) – Project Manager. Infiltration / Inflow assessment of sewer system.

Biosolids Facilities Improvements, Corpus Christi, TX (City of Corpus Christi) – Project Manager. Belt press for the Laguna Madre Wastewater Treatment Plant.

Kostoryz Road Utility Adjustments, Holly to Saratoga, Corpus Christi, TX (City of Corpus Christi) – Design Engineer. Design & construction observation of 12" PVC interim force main; 8", 10" and 30" PVC gravity sewer main; & deactivation of two lift stations.

30" Gravity Sewer, Greenwood Drive to Richter Ditch, Corpus Christi, TX (City of Corpus Christi) – Project Manager & Design Engineer. 8, 12, 15 & 30-inch diameter PVC gravity sewer mains; 12" & 16" PVC force main; & 20" & 42" diameter highway borings.

30" and 18" Gravity Lines, Kostoryz Road to Waterloo Drive, Corpus Christi, TX (City of Corpus Christi) – Project Manager & Design Engineer. 18, 24 & 30-inch diameter PVC gravity sewer main; 16-inch PVC force main; & 30" & 36" diameter street borings.

Kostoryz Lift Station and Force Mains, Corpus Christi, TX (City of Corpus Christi) – Project Manager & Design Engineer. Demolition of an existing lift station; construction of a new 15' wide x 25' long x 40' deep lift station; & dual 16-inch diameter PVC force main.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:
Jeff Loup, PE <i>Sr. Project Engineering</i>
Project Assignment:
Project Engineer
Name of Firm with which associated:

Years' experience with this Firm:
6 years with this firm, 16 years with other firm
Education: Degree(s)/Year/Specialization:
Bachelor of Science/1999/Civil Engineering
Active registration: Year first registered/discipline:
LA PE.31227/2004/Civil
Other experience and qualifications relevant to the proposed Project:
<p>Jeff has demonstrated experience in project management, design and construction engineering in a wide variety of civil engineering projects. These projects have involved design and contract administration of: water system expansions and improvements, sewer treatment plants, pumping stations, force mains and collection systems, commercial sites and public roads . Jeff also has experience in the approval process for COE 404 permits, DEQ WPS-g permits for sewer treatment plants, DHH permits for sewer and water systems, DOTD permits for driveways, road bores and construction within state right-of-ways, boundary surveys and ALTA/ASCM survey maps.</p> <p>Project Experience</p> <p>North Thibodaux Wastewater Treatment Plant, Thibodaux, LA (City of Thibodaux) – Professional of Record and Project Engineer. Engineering services included hydraulic calculations for design of shared pipeline segments, preparation of detailed construction plans and specifications, project bidding and contract administration for approximately 2.1 miles of 12" sewer force main and necessary pump operation adjustments to connect the existing North 9th Street Pump station to the new North Thibodaux Wastewater Treatment Plant, including 2000' of 14" and 18" common force main shared with the St. John pump station. Additional services included: plan in hand site walk through, testing & inspection of existing pumps at N. 9th Street Pump Station, topographic survey along the proposed routing to verify the proposed sewer force main alignment and surface locate any existing utilities or obstructions, DOTD permitting for work to be performed within the State Right-of-Way, DHH permitting of the new sewer force main design, environmental permits for construction.</p> <p>Ascension Parish Courthouse Civil Site Plans, Gonzales, LA (Ascension Parish Government) – Professional of Record and Project Engineer. Development of approximately 12.5 acre project site including parking, driveways, storm drainage and utility tie-ins for the new Parish Courthouse Building. A new sewer lift station was designed to tie the facility into the existing City of Gonzales gravity sewer system as well as a new 15" water line for fire protection, including DHH permitting and certification.</p> <p>Roadway and Sewer Improvements to Gulf Island Road, Houma, LA (Terrebonne Economic Development Authority) – Project Engineer. Coordinated resources to provide survey, design, permitting, construction plans and specifications, construction bid documents, construction administration and inspection, and construction contract award recommendation for the following: 2,450 linear feet of industrial roadway; 2,500 linear feet of 8-inch waterline; and sewer system improvements consisting of a gravity collection system for the site operations buildings, a minor lift station near the facility, and a major lift station near the highway. The major lift station required approximately 1,600 linear feet of force main for connection to the existing Parish system at the designated tie-in point.</p> <p>Bluff Road Middle School, Gonzales, Louisiana (Ascension Parish School Board) – Professional of Record and Project Engineer. Development of approximately 18.0 acre project site including parking, driveways, storm drainage and utility tie-ins for the new Parish Courthouse Building. A new 30,000 GPD sewer treatment plant was designed to tie the facility as well as a new 12" water line for fire protection, including DEQ Discharge permit, DHH permitting and certification.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:
Amber Plessala, PE <i>Lead Professional, Engineering</i>
Project Assignment:
Project Engineer
Name of Firm with which associated:

Years' experience with this Firm:
14 years with this firm
Education: Degree(s)/Year/Specialization:
Bachelor of Science/2007/Civil Engineering
Active registration: Year first registered/discipline:
LA PE.38575/2013/Civil
Other experience and qualifications relevant to the proposed Project:
<p>Amber Plessala is a licensed civil engineer with experience in water and sewer utility improvements and managing right-of-way and servitude acquisition. She is experienced in the design and development of levees, pump stations, flood protection and water control structures, drainage improvements, and transportation projects.</p> <p>Project Experience</p> <p>Gibson Jarvis Community Sewerage, Gibson, LA (Terrebonne Parish Consolidated Government) – Project Manager. Assisted overall project manager with coordination of professional design services to expand an existing community sewer system to a 100-gallons-per-minute sewer lift station, 1,875 linear feet of gravity sewer line, and 1,970 linear feet of sewer force main.</p> <p>Amelia Water and Sewer Improvements, St. Mary Parish, LA (St. Mary Parish Water & Sewer Commission No.) – Project Manager. Provided design services for a new 10" PVC waterline and 8" gravity sewer line along Lake Palourde Bypass Road and Proposed Cajun Way Road in Amelia, LA.</p> <p>North Thibodaux Wastewater Treatment Plant, Thibodaux, LA (City of Thibodaux) – Project Manager. Prepared waterline specs for new wastewater treatment plant.</p> <p>Carriage Cove Lift Station Renovation and Helena Lift Station Replacement, Terrebonne Parish, LA (Terrebonne Parish Consolidated Government) – Project Manager. Provided design services for the reconstruction of the two lift stations as well as additional gravity sewer and force main pipes.</p> <p>Highway 57 Waterline Relocation, Terrebonne Parish, LA (Consolidated Waterworks District No.) – Project Engineer. Provided design specifications for installation of new waterlines within private rights-of-way. New polyethylene and PVC lines were installed, including approximately 6,100 linear feet of 8-inch water line and 4,100 feet of 16-inch waterline. Plans and specifications also called for removing and disposing approximately 4,200 linear feet of water line in order to resolve a conflict with the proposed subsurface drainage system.</p> <p>Valhi Boulevard and Williams Avenue Waterline Replacement, Terrebonne Parish, LA (Consolidated Waterworks District No.) – Project Engineer. Performed a feasibility study and engineered a solution to meet the District's request. TBS proposes to install approximately 5,000 linear feet of new 16-inch waterline along the southern side of Valhi Boulevard and an additional 170 linear feet of new 8-inch waterline at Hemphill Drive and Cottage Drive to tie into existing water main systems in the subdivision. Additionally, TBS proposes to replace 2,035 linear feet of existing 6-inch waterline with new 12-inch waterline from Sixth Street to Elizabeth Drive along Williams Avenue.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Doyle "Paul" Carroll, PE

Project Engineer

Project Assignment:

Project Engineer

Name of Firm with which associated:



Years' experience with this Firm:

5 years with this firm, 10 years with other firms

Education: Degree(s)/Year/Specialization:

Bachelor of Science/2003/Mechanical Engineering

Bachelor of Science/2006/Civil Engineering

Active registration: Year first registered/discipline:

LA PE.33902/2008/Civil

Other experience and qualifications relevant to the proposed Project:

Paul Carroll is a Louisiana-licensed professional civil engineer with over 18 years of experience in stormwater drainage, levees, retention ponds, vertical curve roadway design, structural design, and project management of small to large projects. He is primarily responsible for providing advanced technical support and assisting the project manager in the development and design of project plans, specifications and estimates.

Project Experience

Black Oak, Mandeville, LA (DSLID Homes) – *Project Engineer*. Designed the sewer, water, and sized drainage culverts for a 15 lot residential development. Permitted sewer and water lines with LDH. Assisted contractor on how to proceed when an unauthorized water connection was found conflicting with the proposed sewer line.

Maison Trace Subdivision, Mandeville, LA (DSLID Homes) – *Project Engineer*. Designed the sewer and water including a sewer lift station. Permitted water, sewer, lift station, and wastewater treatment plant with LDH and wastewater discharge with LDEQ. Designed, modeled pre-development and post-development drainage, and wrote the hydrological study for Maison Trace Subdivision drainage.

Scott Equipment, Lake Charles, LA (Palmisano) – *Project Engineer*. Designed the water and sewer including a lift station for the building sewer and a lift station for the wash bay effluent. Also designed the drainage, site grading, joint layout plan, and hydrological study.

2017-032-RBP – West Esplanade Avenue Restoration Eastbound, Tartan Drive To Haring Road, Jefferson Parish, LA (Jefferson Parish Government) – *Project Engineer*. Designed culverts and inlets along the sidewalk for the reconstruction design of approximately 2,650 linear feet of two-lane concrete roadway as well as grading plan for all intersections.

2017-015-RBP – David Drive Corridor Improvements, West Napoleon Avenue to Veterans Boulevard, Jefferson Parish, LA (Jefferson Parish Government) – *Engineer of Record*. Designing, modeling, and writing the report for the drainage improvements associated with the reconstruction of the roadway corridor.

I-12 Additional Hydraulic Analysis, St. Tammany Parish, LA (LADOTD) – *Project Engineer*. Modeled flooding depth and areas at multiple cross-culvert locations with a SWMM Model to determine if existing cross-culverts with extensions would meet LADOTD design criteria.

Copperstill Development, St. Tammany Parish, LA (Gulf States Real Estate Services) – *Project Engineer*. Designed drainage and site grading, modeled pre-construction and post-developed drainage, and wrote the hydrological study for the Copperstill development which includes businesses such as Rouses and Heritage Bank.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Christopher “Clark” Capone, PE

Project Manager

Project Assignment:

Project Engineer

Name of Firm with which associated:



Years’ experience with this Firm:

1 years with this firm, 6 years with other firm

Education: Degree(s)/Year/Specialization:

Bachelor of Science/2013/Civil Engineering

Active registration: Year first registered/discipline:

LA PE.43455/2019/Civil

Other experience and qualifications relevant to the proposed Project:

Clark Capone is a licensed professional engineer and is responsible for the design and management of various civil projects that include street restoration & reconstruction, water, sewer, drainage, levees, and site development. Clark’s design responsibilities include H&H modeling, construction plan & specification preparation, cost estimating, and scheduling. Project management responsibilities include proposal development, creating project management plans, coordination of subconsultants, oversight of topographic surveys & geotechnical work, and construction administration.

Project Experience

Polk Street Sewer Lift Station Rehabilitation, Houma, LA (Terrebonne Parish Consolidated Government) – Project Engineer. Assisted in the design and project management for the rehabilitation of an existing sewer lift station. Project included the removal and replacement of existing pumps, valves, fittings, pump controls, and enclosure. Coordinated and oversaw geotechnical and survey services. Advanced project through bidding phase. Performed construction administration services (e.g., payment applications, change orders, resident inspection).

Cardiovascular Institute of the South, Gray, LA (Cardiovascular Institute of the South) – Project Engineer. Assisted in the design of a sanitary sewer system for the development of a new CIS campus. The complete sewer system included gravity sewer, force main, and several submersible grinder pump lift stations. Assisted in pump selection, wet well sizing, and pipe sizing.

Bayou Country Sports Park Infrastructure, Houma, LA (Terrebonne Parish Consolidated Government) – Engineering Support. Assisted in the design of a sanitary sewer system for a 150-acre sports park development. The complete sewer system included gravity sewer, force main, and several submersible grinder pump lift stations. Assisted in pump selection, wet well sizing, and pipe sizing.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

TJ Stokes, PE

Lead Professional, Utility Engineering

Project Assignment:

SUE

Name of Firm with which associated:



Years' experience with this Firm:

1 year with this firm; 12 years with other firm

Education: Degree(s)/Year/Specialization:

Bachelor of Science/2009/Industrial Engineering

Active registration: Year first registered/discipline:

LA PE.40079/2015/Industrial Engineering

Other experience and qualifications relevant to the proposed Project:

TJ has over 13 years' experience in successfully managing numerous SUE projects specializing in transportation and roadway projects. As the Lead Professional for Utility Engineering, he is currently overseeing the completion of DOTD and MDOT retainer contracts along with numerous other public and private client projects. He has thorough knowledge of the Subsurface Utility Engineering standards listed in CI/ASCE Standard 38-02 and is familiar with all SUE technologies and equipment, including but not limited to, ground penetrating radar (GPR), hydro/air vacuum excavation, and numerous other types of geophysical locating equipment.

Project Experience

Safety Widening of Roddy Road, US 61 to LA 935, Ascension Parish, LA (Ascension Parish Government) – SUE Engineer.

Provided Subsurface Utility Engineering and R/W Mapping for the for the Roddy Road Safety Widening from US 61 to LA 935 as part of the Move Ascension Program. Project included geometric improvements to be made at the LA 429 intersection including Left-turn bays on the EB, WB and SB approaches and right-turn bays at the NB and SB approaches; Geometric improvements at LA 935 to include Left-turn bays at the EB, NB and SB approaches, right-turn bays at the NB approach; replacement of the bridges over New River and Bayou Narcisse.

LA 3127 Extension: LA 70 to LA 1, Ascension Parish, LA (Ascension Parish Government) – SUE Engineer. Performed Subsurface Utility engineering (SUE) QL B-A in accordance with CI/ASCE 38-02 for all utilities affected by the project alignment. Level A test holes were conducted on 21 underground pipelines which either crossed the route or were within the Right of Way of the roadway. Subsurface utilities designated as part of the SUE services included water mains, sewer force mains, sewer effluent lines, pipelines carrying various products and ranging from 6" to 30" in diameter, buried electrical services, buried telephone, buried fiber optic telephone, fiber optic television, and gas mains. The project is proposed by Ascension Parish as the first phase of a 4-lane divided highway to the south of the City of Donaldsonville, LA.

Harrison Avenue Improvements, US 190 - LA 59, St. Tammany Parish, LA (St. Tammany Parish Government) – SUE Engineer/Project Manager. Performed subsurface utility engineering and related services scope of work necessary to support the design of the widening of Harrison Ave. from US 190 to LA 59 in Covington, LA for St. Tammany Parish. The improvements along Harrison Ave. include approximately 13,200 feet of roadway widening along existing alignment including the installation of a raised median, construction of single lane roundabouts at Marigold Drive and Falconer Drive and various features such as bulb outs and R-CUT intersection treatments.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Lawrence "Larry" Toups, IV, PE

Construction Engineering & Inspection Group Leader

Project Assignment:

Construction Engineering and Management

Name of Firm with which associated:



Years' experience with this Firm:

3 year with this firm; 16 years with other firm

Education: Degree(s)/Year/Specialization:

Bachelor of Science/2002/Civil Engineering

Active registration: Year first registered/discipline:

LA PE.35155/2009/Civil Engineering

Other experience and qualifications relevant to the proposed Project:

Lawrence is a construction engineering and inspection group leader and project manager with 19 years of experience conducting, leading, and managing infrastructure inspection, construction, and rehabilitation projects. He has served as Resident Engineer for major public and private infrastructure projects where he has been charged with ensuring compliance with the owner's plans and specifications and completion of the project in a timely manner. He has also conducted construction monitoring and inspection for numerous bridge replacement and rehabilitation projects and other structures of varying types.

In addition, he has served as Resident Engineer for several major LADOTD and railroad bridge projects where he has been charged with ensuring compliance with the owner's plans and specifications and completion of the bridge construction and repairs in a timely manner, and experience conducting, leading, and managing complex and movable bridge inspection, construction, and rehabilitation projects.

Project Experience

Move Ascension, Ascension Parish, LA (Ascension Parish Government) – *Construction Engineering and Inspection Group Leader.* Managed a project to rehabilitate and upgrade various roadways and bridges throughout Ascension Parish. Mr. Toups led a bridge inspection for this project, and is providing additional construction administration and technical construction oversight of assigned bridge construction projects later in the year.

2017-032-RBP – West Esplanade Avenue Restoration Eastbound, Tartan Drive To Haring Road, Jefferson Parish, LA (Jefferson Parish Government) – *Construction Engineering and Inspection Group Leader.* Led the project to rehabilitate a ½-mile section of West Esplanade Avenue. In this role, he advised the project manager in supervising the technical effort of the full-time construction inspectors subcontracted through Hartman Engineering. He also monitored the staffing and scope of the construction services provided for the owner on site. He reviewed submittals and RFIs related to the construction of the roadway and drainage structures for compliance with the plans, specifications, and applicable design guidelines. He also coordinated with contractors, the owner's representatives, and other technical personnel to enable the roadway and drainage structures to be constructed according to the contract documents and within time limitations and budget.

Little Bayou Black Pump Station, Houma, LA (Terrebonne Parish Consolidated Government) – *Construction Engineering and Inspection Group Leader.* Led the project to construct a new pump station. In this role, he advised the project manager in supervising the technical effort of the full-time construction inspectors on site. He also monitored the staffing and scope of the construction services provided for the owner on site. He reviewed submittals and RFIs related to the construction of the pump station for compliance with the plans, specifications, and applicable design guidelines. He also coordinated with contractors, the owner's representatives, and other technical personnel to enable the pump station to be constructed according to the contract documents and within time limitations and budget.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Philip Chauvin

Sr. Construction Manager

Project Assignment:

Construction Administration

Name of Firm with which associated:



Years' experience with this Firm:

15 years with this firm; 11 years with other firms

Education: Degree(s)/Year/Specialization:

Bachelor of Science/1995/Construction Management

Active registration: Year first registered/discipline:

N/A

Other experience and qualifications relevant to the proposed Project:

Philip Chauvin has spent his career in construction management. His experience includes coordinating construction projects to ensure they are built to specifications. He also takes part in pre-bid site visits. Philip has the overall responsibility for the quality of construction projects for which TBS is providing construction administration and management. He supervises the TBS construction project representatives and provides technical support to them.

Project Experience

Gibson Jarvis Community Improvements, Phase II, Terrebonne Parish, LA (Terrebonne Parish Consolidated Government) – *Construction Manager*. Provided construction administration for the expansion of an existing community sewer system along North Bayou Black Drive in the Jarvis area of Gibson. The project provided sewer hook-ups for approximately 24 homes. The project scope included the design for a 100-gallons-per-minute sewer lift station, 1,875 linear feet of gravity sewer line, and 1,970 linear feet of sewer force main.

City of Thibodaux Sanitary Sewer Improvements, Thibodaux, LA (City of Thibodaux) – *Construction Manager*. Responsible for all construction activities as well as overseeing project inspectors.

North Thibodaux Wastewater Treatment Plant, Thibodaux, LA (City of Thibodaux) – *Construction Manager*. Oversaw bidding and construction activities at the new wastewater treatment plant in Thibodaux, LA.

Little Bayou Black Pump Station, Terrebonne Parish, LA (Terrebonne Parish Consolidated Government) – *Construction Manager*. TBS' scope of services included assisting with bids (advertisement, tabulation and award), issuing notice-to-proceed, conducting the pre-construction meeting; reviewing shop drawings, submittals, and pay requests; and facilitating monthly site progress meetings during dredging activities along with addressing land owner questions and complaints. Supervised onsite project representatives on a daily basis.

Pump Station 1-1A FD Improvements, Terrebonne Parish, LA (Terrebonne Parish Consolidated Government) – *Sr. Construction Manager*. Assisted with bids (advertisement, tabulation and award), issuing notice-to-proceed, conducted the pre-construction meeting; reviewed shop drawings, submittals, and pay requests. Provided onsite representation, observed contractor.

Morgan City Levee Improvements, LA Hwy 70, Morgan City, LA (Drainage District No. 1) – *Sr. Construction Manager*. Managed Construction Adm. phase of project. Provided bidding assistance and reviewed bid documents. Coordinated pre-construction meeting, attended monthly progress meetings. Reviewed shop drawings, submittals and pay requests. Provided onsite representation during construction including sub-surface drainage, base installation, Asphalt & concrete placement, drainage pump station installation, and utility relocations.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Lisa Osborne <i>Senior Project Designer</i>
Project Assignment:
Project Technician
Name of Firm with which associated:

Years' experience with this Firm:
7 years with this firm; 33 years with other firms
Education: Degree(s)/Year/Specialization:
Coursework for Civil Engineering Studies/1980
Active registration: Year first registered/discipline:
N/A
Other experience and qualifications relevant to the proposed Project:
<p>Lisa Osborne is a senior project designer at TBS with over 40 years of CAD experience in civil, transportation, structural, and mechanical engineering. She has extensive experience using MicroStation and Autocad for civil, roadway, and structural projects. Lisa is experienced in using InRoads for developing horizontal and vertical alignments including generating templates to develop roadway sections and earthwork quantities. She utilizes InSurvey for importing survey features into the design model and to develop the existing surface. She has prepared complete set of drawings for construction on numerous civil and structural projects. She has completed the CAD conform training provided by LADOTD and is proficient in LADOTD's standards of roadway plan preparation. She is skilled in all current versions of Microstation and Autocad and has completed a 40-hour program for ArcGis through Penn State Online Courses.</p> <p>Project Experience</p> <p>2017-032-RBP, West Esplanade Avenue Restoration Eastbound, Tartan Drive To Haring Road, Jefferson Parish, LA (Jefferson Parish Government) – <i>Senior Project Designer</i>. Developed the horizontal and vertical geometry as per the design engineer specifications. Created all necessary documents for this project including typical sections, plan and profile, joint layout, subsurface drainage and graphical grades.</p> <p>2017-015-RBP, David Drive Corridor Improvements, West Napoleon Avenue to Veterans Boulevard, Jefferson Parish, LA (Jefferson Parish Government) – <i>Senior Project Designer</i>. Developed Civil3d plans for the design drainage along the corridor. Verified capacity and flows for the drainage system for the engineer. Prepared all associated plans including details for the submittal.</p> <p>2017-020-RBP, Labarre Road Widening, Airline Drive to Loumor Street, Jefferson Parish, LA (Jefferson Parish Government) – <i>Senior Project Designer</i>. Prepared preliminary design for roadway widening including permanent striping and signs and develop quantities. Prepared all necessary plans for the submittal.</p> <p>SP H.004113, I-12 to Bush: LA 3241, LA 435 to LA 40/41, St. Tammany Parish, LA (LADOTD) – <i>Senior Project Designer</i>. Performed topographic survey data processing and deliverable preparation, roadway designer activities including roadway corridor modeling of roadway surface, open ditches, median cross overs and intersections utilizing Inroads and roadway plan production for the new 5.5-mile, four-lane RA-3 roadway from LA 435 to Bush, LA.</p> <p>S.P. No. H.011152, I-12, US 190 to LA 59, St. Tammany Parish, LA (LADOTD) – <i>Senior Project Designer</i>. Assisted with roadway geometric design including H&V alignments, performed advanced roadway design modeling including complete corridor modeling using Microstation/Inroads, modeling of median barriers, transitions, all cross sectional roadway elements, open ditches and interchange elements, modeling of construction phasing for Level 4 Traffic Management Plans, prepared roadway plans using Microstation, Inroads, CADConform and ControlCAD for the four-mile widening and reconstruction of Interstate 12 in Covington, LA.</p>

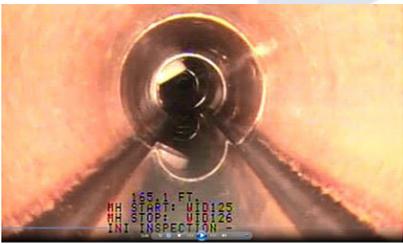
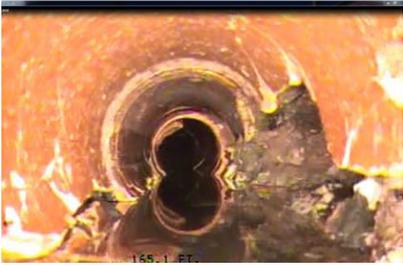
TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Katie Anders <i>Project Technician</i>
Project Assignment:
Project Technician
Name of Firm with which associated:

Years' experience with this Firm:
5 years with this firm; 3 years with other firms
Education: Degree(s)/Year/Specialization:
Associate of Science/2014/Drafting & Design
Active registration: Year first registered/discipline:
N/A
Other experience and qualifications relevant to the proposed Project:
<p>Katie is a project technician at TBS with 8 years of experience in drafting and design. Katie provides technical support by calculating, analyzing, organizing, coordinating, and researching information, preparing drawings, and generally providing assistance with any other tasks necessary to complete the project. Her essential functions include the following: review, analyze and reduce raw data from field operations; prepare designs, drawings, and calculations for the project; prepares deliverables as directed; completing tasks according to the project schedule; assisting other project teams or departments with technical, field, or other duties as needed or requested; and performing additional duties as assigned or expected to ensure that value is being added to all projects by exceeding clients' expectations.</p> <p>Project Experience</p> <p>Bella Ridge South Apartments, Harahan, LA (Favrot & Shane Architects) – Project Technician. Responsible for providing drafting and design assistance for the civil site design for the approximately 10-acre, 240-unit expansion of the existing Bella Ridge North site. This project is currently under construction.</p> <p>Drakes Landing Apartment Complex, Baton Rouge, LA (LDG Development) – Project Technician. Responsible for providing drafting and design assistance for the civil site design of the 25 acre site located on Ardenwood Dr. in Baton Rouge, LA</p> <p>Acadia Greenbrier Hospital Expansion, Covington, LA (ALPA Construction) – Project Technician. Responsible for providing drafting and design assistance for the civil site design of the approximately 12-acre site for the proposed expansion of the existing facility. Responsibilities included preparation of permitting and construction plans, including site, grading, drainage, pavement, utility and detail sheets. This design-build project is currently under construction. This design-build project is currently under construction.</p> <p>Acadia Longleaf Hospital Expansion, Alexandria, LA (ALPA Construction) – Project Technician. Responsible for providing drafting and design assistance for the civil site design of the approximately 8-acre site for the proposed expansion of the existing facility. Responsibilities included preparation of permitting and construction plans, including site, grading, drainage, pavement, utility and detail sheets. This design-build project is currently under construction. This design-build project is currently under construction.</p> <p>Dependable Storage Facility, Baton Rouge, LA (Woodward Design+Build, LLC) – Project Technician. Responsible for providing drafting and design assistance for the civil site design of the approximately 3-acre commercial site. Responsibilities included preparation permitting and construction plans, DOTD permitting plans, drainage exhibits and cut/fill earthwork calculations. This project is currently under construction.</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. 1		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Sewer System Infiltration/ Inflow Elimination Program Terrebonne Parish, LA</p> <p><i>Terrebonne Parish Consolidated Government Mike Ordogne P.O. Box 6097 Houma, LA 70361 985-873-6733</i></p>	<p>The construction scope included cleaning, video inspection, and lining existing gravity sewer mains and service lines. TBS prepared technical specifications, contract agreement forms, general conditions and supplemental conditions, bid forms, invitations to bid, and instructions to bidders. TBS furnished Terrebonne Parish Consolidated Government with a revised opinion of probably project cost based on final specifications and bid quantities. TBS assisted the Parish in obtaining bids for a prime contract and will consult and advise the Parish during construction, visiting the site at various stages of construction to observe the progress and quality of work.</p> <p>Services Provided:</p> <ul style="list-style-type: none"> • Preliminary design • Final design • Bid coordination • Contract administration • Verification of existing conditions • Record drawings • Project representation 	
 <p>165.1' Before</p>  <p>165.1' After</p>		
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2017	\$1,700,000	\$1,700,000

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. 2		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>North Thibodaux Wastewater Treatment Facility Lafourche Parish, LA</p> <p><i>City of Thibodaux Mayor Tommy Eschete P.O. Box 5418 Thibodaux, LA 70302 985-446-7218</i></p>	<p>TBS conceptualized sewerage flows for land areas around the City of Thibodaux, determined central lift station locations and force main routes that could be used to transport additional sewage, and studied the need for new or expanded treatment facilities. Engineers studied four quadrants of land, estimating that nearly 17,000 acres could be considered developable. In addition, TBS installed a Geographic Information System (GIS) to serve as a database for the existing infrastructure. Among other information, drawings of the sewer layout and service lines, lift station photographs, aerial photographs, and LIDAR data were imported into the system. City officials can utilize GIS by entering data on proposed developments in order to anticipate their overall effects. Continued updates will serve as a basis for assessing and improving system capacity and performance.</p> <p>TBS designed three new sewer force mains to redirect all sewer flows north of Bayou Lafourche to the newly designed 1.5 MGD North Thibodaux Wastewater Treatment Facility. This \$6.2 million facility was bid recently and will begin construction in early 2020. The activated sludge extended aeration process treatment plant's major components include a 6 MG equalization basin (EB) with a VFD self priming duplex equalization basin pump station, screen/compactor structure, long sludge age-activated extended aeration system (ASB), clarifier, and ultraviolet disinfection. The system is designed to produce a treated effluent of 10/15/1 and fecal coliform limits less than or equal to 200 cfu/100 ml monthly average and 400 cfu/100 ml/ weekly average. Sludge will be stored in an adjacent sludge holding basin (SHB) with a 13.3 MG storage capacity. The equalization basin has a storage capacity of up to 4 days based upon the storage volume (6 MG) and the treatment plant design flow rate (1.5 MGD). Discharge from the plant will be into the Rienzi Canal, which empties into the St James Canal and is a part of the Barataria Basin, subsegment 020102 (Bayou Bouef, Halpin and Theriot Canal) watershed. The City of Thibodaux has already received a LPDES permit (LA0127208) from LDEQ for the North Plant.</p>	
	<p>Services Provided:</p> <ul style="list-style-type: none"> • Engineering analysis • Cost estimates • Software installation • Software updates • DEQ Loan Coordination • Preliminary planning • Funding assistance • Section 201 Facility Plan Report • Environmental Information Document 	
		
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021 (actual)	\$9,200,000	\$9,200,000

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. 3

<p>Project Name, Location and Owner's contact information:</p>	<p>Nature of Firm's Responsibility:</p>	
<p>Carriage Cove Lift Station Renovation and Helena Lift Station Replacement Terrebonne Parish, LA</p> <p><i>Terrebonne Parish Consolidated Government Gregory Bush P.O. Box 6097 Houma, LA 70361 985-873-6733</i></p>	<p>The reconstruction of the Carriage Cove Lift Station included demolition of the above ground suction lift pumps, piping, and support slab; coating and repairing of the wet well walls; and installation of new submersible pumps and top slab. The existing Helena Drive Lift Station was completely abandoned and demolished. A completely new lift station with submersible pumps were constructed in the same general location as the existing lift station. Additional gravity sewer and force main pipes were needed as a result of the lift station replacement.</p> <p>Services Provided:</p> <ul style="list-style-type: none"> • Topographic surveys • Design specifications • Construction administration • Construction observation 	
<p>Completion Date (Actual or estimated):</p>	<p align="center">Estimated Cost:</p>	
<p align="center">2018 (actual)</p>	<p align="center">Entire Project: \$441,000</p>	<p align="center">Work for which Firm was Responsible: \$441,000</p>



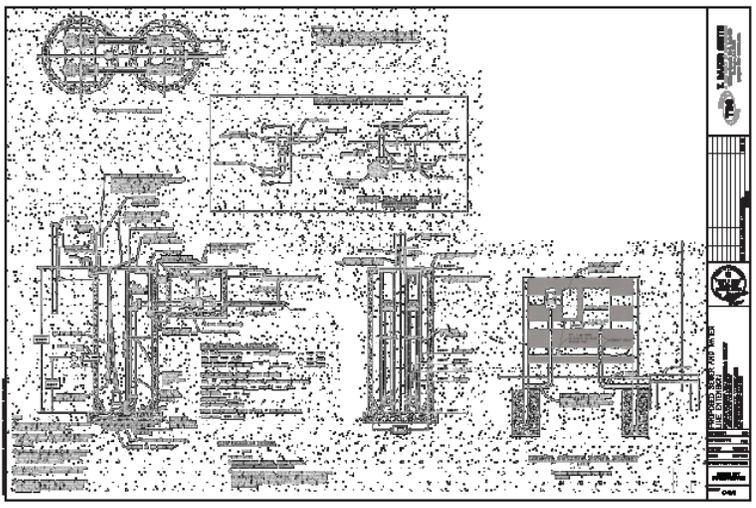
TEC Professional Services Questionnaire

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. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Sewer System Design for Distribution Facility Carencro, LA</p> <p><i>Scannell Properties #449, LLC 8801 River Crossing Blvd. Indianapolis, IN 46240 Matt Boone, P.E. 317-843-5959</i></p>	<p>Developer requested assistance in developing a 120-acre tract of land in Carencro, Louisiana, in order to construct a new one million square foot distribution facility with a design occupancy of 3,000 employees. TBS was hired by developer to provide the required professional services necessary to assist in development of the property. Services included survey, environmental, drainage, water, sewer, paving, landscape architecture, construction administration, and construction staking of the development for the developer.</p> <p>TBS did the drainage modeling using PCSWMM to design the site drainage, HEC-RAS modeling to do a No Flood Rise Certificate; water design for the site including domestic, fire, and irrigation; wastewater design for the site including both gravity sewer as well as a sewer force main with 4 in-line duplex lift stations which were added during construction due to extremely wet and soft soil conditions.</p> <p>The site drainage model had 3 discharge locations with 5 retention ponds, 4 of which were interconnected with 2 discharges to 2 separate watersheds with some culverts reversing flow during a storm event. Metering pipes and orifices were used to ensure that the peak discharge was reduced for all storm events and ponds were sized for a net balance of fill.</p> <p>The site water was designed to meet the requirements for the 3,000 employee occupancy load as well as fire water and irrigation requirements. The water lines were installed in a loop to provide redundancy. The wastewater design included gravity sewer until soil conditions required switching to an in-line force main with 4 duplex lift stations for the building and a single pump lift station for the secondary guard shack for a total occupancy of 3,000 employees. The original design was for all gravity sewer but due to unexpected soil conditions and extremely wet weather, the contractor asked us to redesign much of the system during construction to a force main system.</p> <p>Services Provided:</p> <ul style="list-style-type: none"> • Boundary and topographic surveys • Environmental Wetland Delineation, ESA Phase I, SWPPP • Preliminary and final civil designs • Pavement design • Lift station tie-in design • Construction management • Drainage impact study • Alta surveys • Agency coordination 	
	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022 (estimated)	Undisclosed (Private Project)	\$765,275

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>Wastewater System Design for Subdivision Development St. Tammany Parish, LA</p> <p><i>Black Oak Holdings, LLC Matt Bowers 2000 Preserve Lake Drive Covington, Louisiana 70433 Matt@southernunited.com</i></p>	<p>Developer requested assistance in developing a 14 lot residential subdivision. TBS was hired by developer to provide the required professional services necessary to assist in development of the property. Services included drainage, water, sewer, construction administration, and construction staking of the development for the developer.</p> <p>TBS sized the driveway culverts using the Rational Method.</p> <p>The site water was sized to meet fire water demand, the design included hydrants, service connections, and sampling stations.</p> <p>The wastewater design included gravity sewer directed to a new duplex lift station and then a sewer force main to an existing manhole. The design also included service connections. TBS permitted the discharge through LDEQ. During construction, an unexpected 2" water line was discovered which after contact with the water company, we were able to determine a few hours later was an unauthorized tap running to a residential house on another street.</p> <p>Services Provided:</p> <ul style="list-style-type: none"> • Topographic survey • Preliminary and final civil designs • Lift station design • Construction management • Drainage impact study • Permitting 	
		
	Estimated Cost:	
Completion Date (Actual or estimated):	Entire Project:	Work for which Firm was Responsible:
2021 (actual)	Undisclosed (Private Project)	\$30,300

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:					
<p>Improvements to Sewer System for Subdivision Development – Maison Trace</p> <p><i>DSL D Homes Matthew Poche 1220 South Range Ave. Denham Springs, LA 70726 225.791.6860</i></p>	<p>Developer requested assistance in developing a 53 lot residential subdivision. TBS was hired by developer to provide the required professional services necessary to assist in development of the property. Services included drainage, water, sewer, paving, landscape architecture, construction administration, and construction staking of the development for the developer.</p> <p>TBS did the drainage modeling using Win-TR55 to size the pond as well as the flow from off-site areas draining through the site. The Rational Method was used to size driveway culverts. A single detention pond was used.</p> <p>The site water was sized to meet fire water demand, the design included hydrants, service connections, 3 hdd bores, and a sampling station. The water lines connect to the water main in 2 locations to provide redundancy.</p> <p>The wastewater design included gravity sewer directed to a new duplex lift station and then a sewer force main to a new wastewater treatment plant. The design also included service connections. We permitted the wastewater treatment plant with LDH and the discharge through LDEQ.</p> <p>Services Provided:</p> <ul style="list-style-type: none"> • Final Plat • Preliminary and final civil designs • Pavement design • Lift station design • Construction management • Drainage impact study • Agency coordination 					
<p align="center">Completion Date (Actual or estimated):</p> <p align="center">Ongoing</p>	<p align="center">Estimated Cost:</p> <table border="1" data-bbox="565 1875 1537 1999"> <thead> <tr> <th data-bbox="565 1875 1047 1959">Entire Project:</th> <th data-bbox="1047 1875 1537 1959">Work for which Firm was Responsible:</th> </tr> </thead> <tbody> <tr> <td align="center" data-bbox="565 1959 1047 1999">Undisclosed (Private Project)</td> <td align="center" data-bbox="1047 1959 1537 1999">\$129,700</td> </tr> </tbody> </table>		Entire Project:	Work for which Firm was Responsible:	Undisclosed (Private Project)	\$129,700
Entire Project:	Work for which Firm was Responsible:					
Undisclosed (Private Project)	\$129,700					



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		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>North 9th Sewer Force Main Thibodaux, LA</p> <p><i>City of Thibodaux Tommy Eschete 310 West 2nd Street Thibodaux, LA 70302 985-446-7201</i></p>	<p>TBS was hired by the City of Thibodaux to provide professional services for the North 9th Sewer Force Main.</p> <p>Engineering services includes hydraulic calculations for design of shared pipeline segments, preparation of detailed construction plans and specifications, project bidding and contract administration for approximately 2.1 miles of 12" sewer force main and necessary pump operation adjustments to connect the North 9th Street Pump station to the new North Thibodaux Wastewater Treatment Plant, including 2000' of 14" and 18" common force main shared with the St. John pump station. The plans and specifications have been designed in accordance with the Louisiana State Sanitary Code, Department of Health and Hospitals (DHH) regulations and any local City or Parish requirements that may apply.</p> <p>Additional services includes the following: plan in hand site walk through, testing & inspection of existing pumps at N. 9th Street Pump Station, topographic survey along the proposed routing to verify the proposed sewer force main alignment and surface locate any existing utilities or obstructions, DOTD permitting for work to be performed within the State Right-of-Way, DHH permitting of the new sewer force main design, environmental permits for construction and construction representative to be on-site for periodical observation.</p> <p>Services Provided:</p> <ul style="list-style-type: none"> • Preliminary Design • Final Design • Bidding • Contract Administration • Testing & Inspection of Existing Pumps • Topographic Survey • DOTD Permitting • DHH Permitting • Environmental Permits • Construction Representation 	
	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Ongoing	\$1,150,000	\$145,000

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

T. Baker Smith, LLC (TBS), an *Engineering News Record* Top 500 Design Firm, has provided professional surveying, engineering, environmental, and construction management services in Louisiana for the past century. TBS is a fully integrated, professional consulting firm committed to precision, integrity, and ingenuity. Founded in 1913, TBS has grown from a one-man shop in Houma, LA to a 260+ associate firm with office locations across the Gulf Coast Region, including Metairie, Covington, Baton Rouge, Lafayette, Thibodaux, and Houma, Louisiana; Galveston, Corpus Christi, and Houston, Texas; and Jackson, Mississippi. As residents of Jefferson Parish, we are deeply invested in the success of projects in the area, as it affects our homes, our families, and our businesses. We are eager to engage all of our resources to assist Jefferson Parish in any effort.

FIRM SIZE

TBS currently has over 260 staff members firm-wide including civil, structural, and environmental engineers, land surveyors, planners, environmental scientists, biologists, construction administrators, and project representatives.

LOCATION OF THE PRINCIPAL OFFICE

TBS will manage projects resulting from this request from our Metairie office, located at 740 Phosphor Avenue, Suite B, Metairie, LA 70001. Additional support can be provided from all other offices if ever needed.



PROFESSIONAL TRAINING AND EXPERIENCE

Our professionals hold degrees in civil engineering, mechanical engineering, structural engineering, mechanical engineering technology, geomatics, industrial 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 has an office in Jefferson Parish, LA located at 740 Phosphor Avenue, Suite B, Metairie, LA 70005. The Metairie office employs ten associates, five of whom reside in Jefferson parish. Our local staff is fully supported by a company-wide staff of 260+ associates, including 27 professional engineer and 18 professional surveyors that are available to assist in meeting project demands, should the need occur.

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.

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.

EXPERIENCE WITH SEWER IMPROVEMENT PROJECTS

TBS has successfully completed a significant number of sewer projects in the parishes of South Louisiana, including sewerage system planning, sewer upgrades, and sewer rehabilitation. The key TBS personnel listed in section K possess years of experience in the preliminary planning, design, permitting, bidding and construction administration of sanitary sewer collections systems, lift stations and sewer transmission force mains ranging in sizes from 4" to 16" diameter. From a state and local standpoint, TBS has prepared submittals to the Louisiana Department of Health and Hospitals for numerous sewer treatment, collection and transmission facilities and systems across south Louisiana.

On a routine basis, TBS is involved in providing sewerage service to areas that are under development. Over the years, our key personnel have designed over 500 subdivisions for private and municipal clients, ranging in size from a few lots to larger developments of over 300 acres and 500 lots. TBS has been responsible for planning, designing, and in many cases, providing construction administration and construction observation for the infrastructure development. TBS was subsequently hired to develop a cost-effective monitoring system for 25 pump stations for the North Lafourche Conservation, Levee, and Drainage District (NLCLDD) that could be easily integrated into the custom GIS platform to monitor conditions at the pump stations, review historical data, and send notifications to users.

PRIOR SUCCESSFUL COMPLETION OF PROJECTS

Since 1913, TBS has provided public works solutions to improve the quality of life in the communities we helped build. From master planning and sustainable design to complete project management and government regulation, our public works solutions are targeted to fit each project scope.

Public works is all about making a difference in our communities; improving the quality of life for our families and neighbors; and developing and sustaining long-term, trusted relationships with our local and state government agencies. TBS thrives on providing top-notch, integrated solutions that improve our roads, highways, and bridges, as well as our drainage and sewerage infrastructure. We work daily to find solutions to restore and preserve our precious coastline so that we may sustain our livelihood in these coastal communities we hold so dear. TBS provides experienced, trusted, and local professionals with the passion to see our communities flourish and the know-how to see these meaningful projects through to a satisfactory completion for the public.



MINIMUM REQUIREMENTS

Requirement	TBS Associate
1. The persons or firms under consideration shall have at least one principal who is a professional engineer who shall be registered as such in Louisiana	Kenneth Wm. Smith, PE, PLS., FACEC Chief Executive Officer LA PE.24642 exp.: 9/30/2022
2. The persons or firms under consideration shall have a professional in charge of the project who is a professional engineer who shall be registered as such in Louisiana with a minimum of five (5) years experience in the disciplines involved	Brian E. Moldaner, PE, MBA Lead Professional, Engineering LA PE.40075 exp.: 3/31/2024
3. The persons or firms under consideration shall have one employee who is a professional engineer 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.)	Brian E. Moldaner, PE, MBA Lead Professional, Engineering LA PE.40075 exp.: 3/31/2024

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.

TBS has a proven track record of providing innovative, integrated solutions with focused, personal attention for our clients, including Jefferson Parish Government and surrounding municipalities and special districts. Our associates have the specific expertise relevant to the projects that may arise from this RFQ.

From the beginning, TBS has been providing integrated professional solutions for various types of engineering projects for the public sector. Some of our public sector clients include the following:

TBS Similar Clients	
Amite River Basin Drainage & Water Conservation District	Jefferson Parish Government
Ascension Parish Government	Lafayette Consolidated Government
Ascension Parish School Board	Lafourche Parish Government
Ascension Public Schools	Lafourche Parish Water District No. 1
Assumption Parish Police Jury	Livingston Parish Government
Bayou Lafourche Fresh Water District	N. Lafourche Conservation, Levee, & Drainage District
Cameron Parish Police Jury	Office of Facility Planning and Control
City of Covington	Plaquemines Parish Government
City of Kenner	Port of New Orleans
City of Mandeville	St. Charles Parish
City of Morgan City	St. James Parish Council
City of Slidell	St. James Parish School Board
City of Thibodaux	St. Mary Drainage District No. 6
Consolidated Gravity Drainage Dist. Town of	St. Mary Levee District
Grand Isle No. 2 of St. Mary Parish	St. Mary Parish Government
Consolidated Waterworks Dist. No. 1	St. Tammany Parish Government
Drainage District No. 1 of Lafourche Parish	Terrebonne Levee & Conservation District
Ducks Unlimited, Inc.	Terrebonne Parish Consolidated Government
East Baton Rouge Parish Government	Terrebonne Port Commission
Greater Lafourche Port Commission	Town of Grand Isle

CONCLUSION

Since 1913, TBS has provided public works solutions that improved the quality of life in the communities we helped build. From master planning and sustainable design to complete project management and government regulation, our public works solutions are targeted to fit each project scope. In the past five years, TBS worked on over 420 projects belonging to the public sector. With our 100 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 project.

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

Signature: Andrée S. Cortez Print Name: Andrée Cortez, PE, PMP
 Title: Chief Operations Officer Date: 03/25/2022