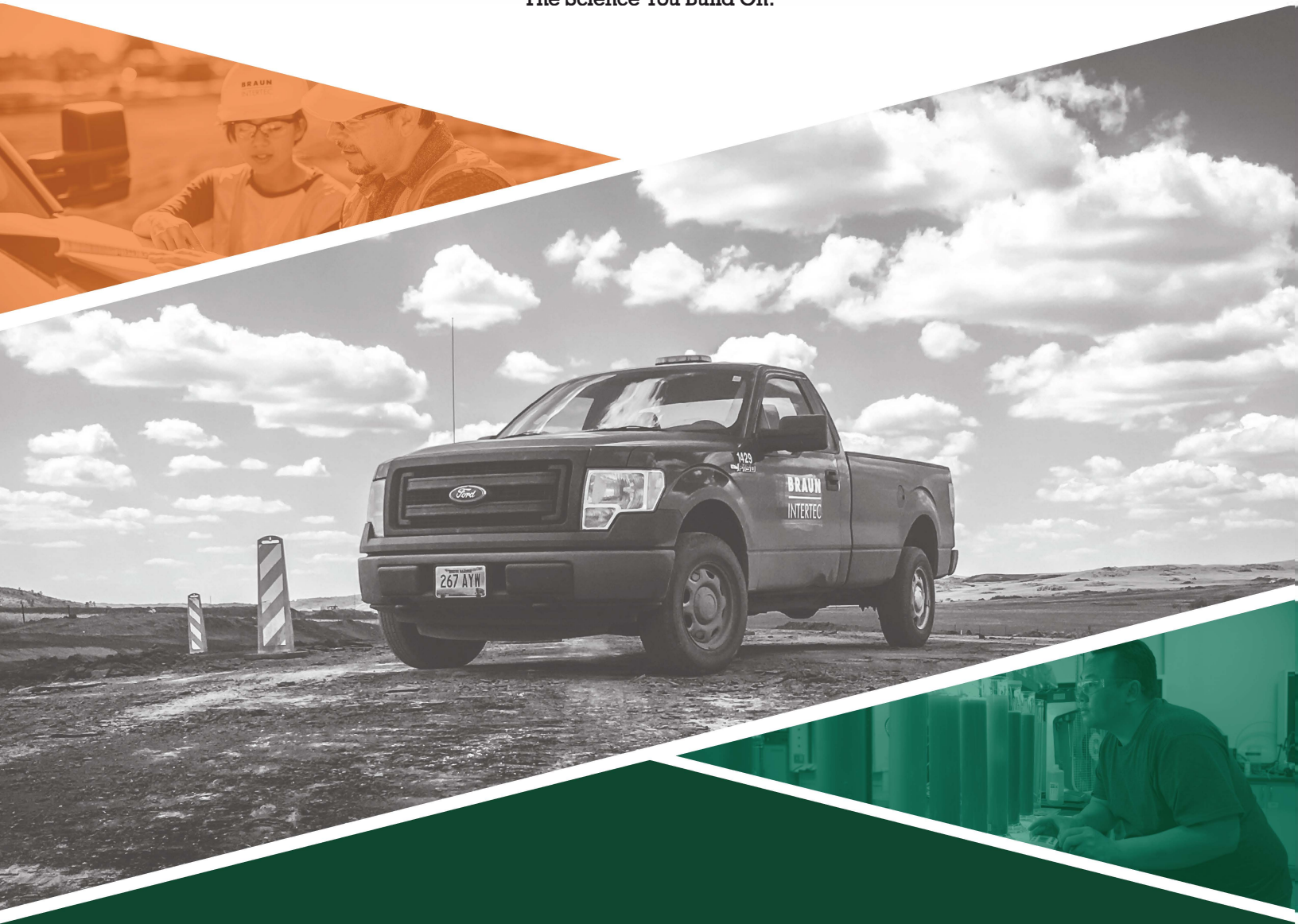


BRAUN INTERTEC

The Science You Build On.



THE PARISH OF JEFFERSON

STATEMENT OF QUALIFICATIONS 20-20 (TEC QUESTIONNAIRE) FOR PROFESSIONAL ENGINEERING SERVICES

January 20, 2021

January 20, 2021

Jenifer Lotz
Jefferson Parish
Purchasing Department
200 Derbigny St., Suite 4400
Gretna, LA 70053

Request for Statement of Qualifications:
SOQ No. 20-20

Dear Ms. Lotz:

Braun Intertec is pleased to submit this statement of qualifications in response to your request for professional engineering services. Our interdisciplinary approach is based on creative problem solving, proactive planning, and comprehensive support from Braun Intertec experts to provide a mix of services to meet the Parish of Jefferson's needs in the most efficient and timely manner.

OUR SCIENCE, YOUR SOLUTIONS. | Founded in 1957, Braun Intertec provides geotechnical, materials testing and environmental solutions in the private and public sectors. Each day our 100% employee-owned company strives to become your consultant, the one you turn to time after time to get the job done. We accomplish this by providing reliable, cost-effective and innovative solutions - that's what we've been delivering for more than 60 years.

EXPERIENCED, LOCAL PROJECT TEAM | Our local team includes experienced geotechnical engineering and materials testing personnel possessing years of local experience in design and construction throughout the state of Louisiana. Braun Intertec has extensive experience with municipal projects company-wide. Our knowledgeable team understands the importance of reliability, clear communication, and coordination with multiple project partners.

At Braun Intertec our science happens because of our people. Our team of approximately 1,100 engineers, managers and field personnel specialize in more than 100 technical disciplines. We're collaborators with the passion to solve your challenges. With customization as our standard and safety as our priority, Braun Intertec can provide quality solutions and recommendations to The Parish of Jefferson's engineering, design, and testing challenges.

Thank you for the opportunity to describe our capabilities and qualifications. We look forward to your review of our qualifications and are excited about the opportunity to serve as a member of the Parish of Jefferson's team of professionals. If you have any questions regarding our submittal or would like additional information, please contact Eric McLanahan at 337.281.1715 or EMclanahan@braunintertec.com

Sincerely,
BRAUN INTERTEC CORPORATION
TBPE Registration No. F-12228.



Eric McLanahan, PE
Business Unit Manager

Technical Evaluation Committee (TEC) Questionnaire

Instructions

- The Technical Evaluation Committee (TEC) Questionnaire shall be used for professional services related to architecture, engineering, or survey projects.
- **The TEC Questionnaire should be completely filled out. Complete and attach ALL sections. Insert “N/A” or “None” if a section does not apply or if there is no information to provide.**
- Questionnaire must be dated and signed by an authorized representative of the Firm. Failure to sign the questionnaire shall result in disqualification of proposer pursuant to J.P. Code of Ordinances Sec. 2-928.
- All subcontractors must be listed in the appropriate section of the Questionnaire. Each subcontractor must provide a complete copy of the TEC Questionnaire, applicable licenses, and any other information required by the advertisement. Failure to provide the subcontractors' complete questionnaire(s), applicable licenses, and any other information required by the advertisement shall result in disqualification of proposer pursuant to J.P. Code of Ordinances Sec. 2-928.
- If additional pages are needed, attach them to the questionnaire and include all applicable information that is required by the questionnaire.

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

SOQ 20-20 Resolution Number 136764

B. Firm Name & Address where Project work will be performed:

Braun Intertec
3133 S Darla Ave, Ste. D
Gonzales, LA 70737

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:

Eric McLanahan, PE
Business Unit Manger
337.281.1715
EMcLanahan@braunintertec.com

Thomas Posey, PE (Texas)
Technical Leader
210.889.8922
TPosey@braunintertec.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.

Alex Brochard, PE
abrochard@braunintertec.com
337.412.6129

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

<input type="checkbox"/> Administrative	<input type="checkbox"/> Estimators	<input type="checkbox"/> Specification Writers
<input type="checkbox"/> Architects (Licensed)	<input type="checkbox"/> Geologists	<input type="checkbox"/> Structural Engineers
<input type="checkbox"/> Chemical Engineers	<input checked="" type="checkbox"/> 4 Geotechnical Engineers	<input type="checkbox"/> Graduate Engineers
<input type="checkbox"/> Civil Engineers	<input type="checkbox"/> Interior Designers	<input checked="" type="checkbox"/> 2 Project Managers
<input type="checkbox"/> Construction Inspectors	<input type="checkbox"/> Landscape Architects	<input type="checkbox"/> Clerical
<input type="checkbox"/> Ecologists	<input type="checkbox"/> Land Surveyor	<input type="checkbox"/> Grant/Funding Specialist
<input type="checkbox"/> Electrical Engineers	<input type="checkbox"/> Mechanical Engineers	<input type="checkbox"/> Sanitary Engineers
<input checked="" type="checkbox"/> 1 Engineer Intern	<input checked="" type="checkbox"/> 2 Environmental Engineers	
<input type="checkbox"/> Professional Land Surveyors		<input type="checkbox"/> TOTAL

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

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

TEC Professional Services Questionnaire

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

1.
2.

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

YES ☐ NO ☐

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

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. N/A	N/A	N/A
2.		
3.		

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

10

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:

Eric McClanahan, PE
Business Unit Manager/Project Engineer

Project Assignment:

Geotechnical Engineer

Name of Firm with which associated:

Braun Intertec

Years' experience with this Firm:

4

Education: Degree(s)/Year/Specialization:

Bachelor of Science / 2005 / Civil Engineering

Active registration: Year first registered/discipline:

2010
Louisiana, Civil Engineering | License Number: 35519 Texas,
Civil Engineer | License Number: 130303

Other experience and qualifications relevant to the proposed Project:

Mr. McClanahan has 15 years of experience as a licensed professional engineer in Louisiana, specializing in geotechnical engineering. Eric has extensive experience with slope stability analysis, deep foundation analysis, shallow foundation analysis, construction materials testing, and laboratory analysis of soils, project proposals, project management, organizational /staff development, and team leadership.

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:

Thomas Posey, PE
Technical Leader

Project Assignment:

Principal Engineer

Name of Firm with which associated:

Braun Intertec

Years' experience with this Firm:

7 months

Education: Degree(s)/Year/Specialization:

Master of Engineering /1995/Civil Engineering
Bachelor of Science /1993/ Civil Engineering

Active registration: Year first registered/discipline:

2020 Professional Engineer:
AK No. CE13107
ND No. PE-7477
TX No. 86351

Other experience and qualifications relevant to the proposed Project:

Mr. Posey has 25-plus years of experience in project management, engineering consultancy and construction materials testing practices. With a broad knowledge of soil-structure interaction for a variety of foundation systems, Tom's abilities to address geotechnical design and constructability issues during the earliest stages of a client's project provides them with the opportunity to improve project performance. The breadth of Tom's experience within the Gulf Region include the complexities of building on soft and compressible soils near shorelines and waterways, in addition to the challenges of highly-expansive soil environments.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Brady Turk Senior Scientist
Project Assignment:
Project Manager
Name of Firm with which associated:
Braun Intertec Corporation
Years' experience with this Firm:
9 months
Education: Degree(s)/Year/Specialization:
Bachelor of Science /1994/ Wildlife & Fisheries Management
Active registration: Year first registered/discipline:
Transportation Worker Identification Credential (TWIC)
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Turk has 23+ years combined experience in wetland delineations and mitigation, USACE Section 10/404 permitting, Louisiana Coastal Zone Management permitting, and Phase I and Phase II environmental site assessments. He also has experience in compiling NEPA compliance documents, coordinating the efforts of subcontractors, performing endangered species surveys, creating wildlife management plans, managing large-scale wetland and vegetation mapping projects, performing wading bird rookery surveys, and general environmental permitting for oil and gas activities, and commercial real estate development. Brady also has experience preparing SWPPPs and LPDES permit applications and has been involved in several projects within Southeast Texas and throughout Louisiana. He routinely provides clients with permitting assistance with the U.S. Department of the Army Corps of Engineers (USACE), U.S. Environmental Protection Agency, Federal Energy Regulatory Commission, U.S. Department of Interior Fish and Wildlife Service, Louisiana Department of Natural Resources, Louisiana Department of Wildlife and Fisheries, and other state and local agencies.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Alex Brochard, PE Operations Manager
Project Assignment:
Project Engineer
Name of Firm with which associated:
Braun Intertec Corporation
Years' experience with this Firm:
1.5 years
Education: Degree(s)/Year/Specialization:
Bachelor of Science / 2008 / Civil Engineering
Active registration: Year first registered/discipline:
2013 Louisiana, Civil Engineering License Number: 37795
Other experience and qualifications relevant to the proposed Project:
Mr. Brochard serves as a Project Engineer with over twelve years of well-rounded geotechnical engineering experience in the South Louisiana Region. Alex is currently the Operations Manager / Project Geotechnical Engineer in our Braun Intertec Lafayette office. His broad experience record has addressed various industries including municipal, commercial, industrial and residential projects and clients. Specifically, the engineering duties include evaluations of deep and shallow foundations, various forms of earthen slope stability, water retention evaluation, soil retaining wall analysis, and pavement design. In addition to engineering responsibilities, Mr. Brochard is also extensively field-oriented with diverse soils and concrete construction materials testing experience.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Trent Whitley, PE Project Engineer
Project Assignment:
Project Engineer
Name of Firm with which associated:
Braun Intertec Corporation
Years' experience with this Firm:
< 6 months
Education: Degree(s)/Year/Specialization:
Bachelor of Science / 2014 / Civil Engineering
Active registration: Year first registered/discipline:
2019 Louisiana Professional Engineer, No. 43721
Other experience and qualifications relevant to the proposed Project:
Mr. Whitley has been in this industry for six years and his responsibilities include: completing geotechnical engineering projects including preparing proposals for projects, performing geotechnical field logging operations and oversight, performing geotechnical engineering analyses, and preparing geotechnical engineering reports.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Evan LeBouef, EI Staff Engineer
Project Assignment:
Support Staff / Staff Engineer
Name of Firm with which associated:
Braun Intertec Corporation
Years' experience with this Firm:
2 years
Education: Degree(s)/Year/Specialization:
Bachelor of Science /2017/ Civil Engineering
Active registration: Year first registered/discipline:
2019 EIT No. 34057
Other experience and qualifications relevant to the proposed Project:
<p>Joining Braun Intertec in January 2019 as a full time geotechnical staff engineer, Mr. LeBouef's experience includes preparing and directing geotechnical field operations in accordance with a scope of work, collecting and classifying soil samples in the field, assigning laboratory tests for project specific solutions on budget and on schedule, reducing soil test data to create accurate parameters, performing engineering analyses and providing results in a professional format, and training new employees on soil testing and implementing safety.</p> <p>In addition, Evan also has extensive experience in construction materials testing services and quality control. Specific examples include managing specimen inventory and training technicians in concrete compressive strength testing, performing calibration procedures and keeping updated records of all equipment, as well as performing quality control inspection of deep and shallow foundations.</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>City of Youngsville, Bailey Grove Detention Ponds Youngsville, LA</p> <p>McBade Engineers & Consultants, LLC Pamela Gonzales Granger 327 Iberia Street, Suite 5 Youngsville, LA 70592 337-451-5823</p>	<p>To increase water detention capacity for new forthcoming development areas within Youngsville, Braun Intertec teamed with McBade Engineers & Consultants to provide engineering services for design of 10 proposed detention ponds. To evaluate the subsurface conditions across each pond's site, our scope of work included performance of nine soil borings to depths up to 30 feet. Mr. Brochard provided geotechnical guidance and general project management throughout the project's duration including field-locating the proposed boreholes, sample logging while drilling, and assigning the laboratory testing program. Mr. Brochard was also the geotechnical project engineer whom performed slope stability analyses, reviewed permeability characteristics, and developed the written geotechnical report.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019	\$7.3 million	\$18,000

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>CITY OF HUTCHINS - PUBLIC SAFETY BUILDING (NEW CONSTRUCTION) Hutchins, TX</p> <p>City of Hutchins Charles Brewer Director of Public Works 214.862.4136</p>	<p>Braun Intertec provided geotechnical engineering services for the design and construction of a new, 18,000 sq. ft., single-story Public Safety Building, which also included an 800 sq. ft. storm shelter, and it associated drive lanes and parking areas. Braun Intertec is presently providing construction materials testing and special inspection services for the construction of this project.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
February 2021 (estimated)	\$5,000,000	\$43,997 (CMT)

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
<p>Optimus Steel, New High-Speed Shear and Coil Handling System, Vidor, TX</p> <p>Optimus Steel, LLC Angel Gómez Escobar Civil Project Supervisor +1 (409) 769 1945</p>	<p>Provided soil bearing analysis, pile capacity analysis, and settlement analysis for facility expansion and renovation along the Neches River. Used geotechnical boring and cone penetration test data to form soil parameters to best describe soil stratification for soil analysis across a large site.</p>	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020	\$40 million	\$42,000

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Rodere Canal Control Iberia Parish, LA</p> <p>Royal Engineers Zachary Romaine, EIT Phone: 337.456.5351 zromaine@royalengineering.net</p>	<p>Braun Intertec was retained by Royal Engineering & Consultants, LLC for the Geotechnical analysis of the Rodero Canal control structure to be constructed in Iberia Parish. The scope of work associated with the Rodero Canal control structure of multiple culverts utilized to reduce tidal backflow. The field portion of the project consisted of drilling and sampling to depths of 80 feet below the existing ground surface. Soil samples were taken via Shelby tube methods and via split spoon methods. Samples were taken continuously in the upper 20 feet of the soil, and on five foot centers thereafter.</p> <p>Braun Intertec personnel conducted unconfined compression, Undrained Unconsolidated triaxial, Atterberg Limits, percent passing a No. 200 sieve, sieve analysis, hydrometer analysis, and moisture content analysis via our AASHTO certified laboratories. Logs were submitted via GINT format.</p> <p>The Braun Intertec geotechnical analysis consisted of:</p> <ul style="list-style-type: none"> - Allowable bearing capacity of the near surface in-situ materials in both the canal and on the bank adjacent to the existing canal. - Sheet pile wall design for retaining of the existing soils after dredging of the existing canal soils. - Slope stability analysis for the stability of the proposed crane mat and other areas where shallow bearing on in-situ and improved soils would be required. - Allowable pile design was conducted for square precast, prestressed concrete piles and multiple sizes of timber piles. - General construction recommendations for the design of the proposed water control structure; and general discussion of potential design and constructability concerns related to this project. 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
April 2020	Ongoing	\$9,000

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Youngsville Municipal Complex Youngsville, LA</p> <p>City of Youngsville 205 Iberia Street Youngsville, LA 337.856.4181</p>	<p>The new municipal complex consisted of an ornate masonry two-story, steel-framed building having 25-kip to 150-kip structural loads.</p> <p>As the geotechnical engineer of record, Braun Intertec performed various analyses for shallow foundations, settlement, drilled shafts, timber piles, new pavements, and lateral load analyses. The report submittal included various recommendations for earthwork construction and foundation installation.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019	under construction	\$10,000

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Broadmoor Elementary Lafayette Parish, LA</p> <p>Lafayette Parish School System 113 Chaplin Drive Lafayette, LA 337-521-7405</p>	<p>Broadmoor Elementary addition consisted of a 25,000 SF two-story addition to the existing facility.</p> <p>Braun Intertec Corporation provided geotechnical consultation and CMT services for the new building including soils, concrete, base course and paving, mortar, welding, rebar, and testing for moisture migration through concrete.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020	\$7 million	\$35,000

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>L.J. Allemand Middle School Lafayette Parish, LA</p> <p>Lafayette Parish School System 113 Chaplin Drive Lafayette, LA 337-521-7405</p>	<p>The project consisted of construction of two story 12,000 SF addition to the existing school facility.</p> <p>Braun Intertec Corporation provided geotechnical consultation and CMT services for the new building including soils, proofrolling, concrete, base course and paving, mortat, welding, rebar, and testing moisture mitigation migration through concrete.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020	\$7.4 million	\$25,000

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Ossun Elementary Sewer Treatment Plant Lafayette, LA</p> <p>Lafayette Parish School System 113 Chaplin Drive Lafayette, LA 337-521-7405</p>	<p>New inground septic system and wet well installation at Ossun Eelmentary School.</p> <p>Braun Intertec performed various analyses to consider conditions during and post construction of the new septic system features. In addition, construction recommendations were offered with respect to the particular project type including temporary retaining wall recommendations, excavations, and subgrade preparation.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020	Unknown	\$12,000

TEC Professional Services Questionnaire

PROJECT NO. 9

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Lafayette Fire Station, Cooper Drive Lafayette, LA</p> <p>Lafayette Consolidated Government 1515 E. University Ave., Lafayette, LA 337.291.8522</p>	<p>Braun Intertec provided geotechnical engineering services for the new 13,000-square-foot fire station with new paving.</p> <p>We provided geotechnical services including shallow foundation analysis, bearing capacity calculations, pavement design, and developed the geotechnical report for the project.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
August 2020	\$1.5 Million Under construction	\$10,000

PROJECT NO. 10

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>CITY OF BURLESON BURLESON FIRE STATION #2 Burleson, TX</p> <p>City of Burleson Aaron Russell, PE Director of Public Works 817.426.9837</p>	<p>Geotechnical engineering services included field drilling and sampling; performing laboratory testing; geotechnical analyses, and the preparation of a geotechnical report of our findings and recommendations. Laboratory tests included Atterberg limits and moisture contents in addition to visual examination and classification of the foundation soils. Construction materials testing services included earthwork laboratory and field testing; pier foundation system observation; reinforcing steel observation; structural concrete testing; structural steel and deck observation and masonry observation for the storm shelter.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Construction complete in mid 2021	\$5.6 Million	\$70,000

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:	
1. N/A	N/A	N/A
2.		
3.		
4.		

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

See attached cover letter.

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

Signature:  Print Name: Eric McLanahan

Title: Business Unit Manager Date: 1/20/21