



CENTRALBIDDING
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SOQ 20-21 RES. NO. 136765 ROUTINE DRAINAGE PROJECTS
Jefferson Parish Government

Project documents obtained from www.CentralBidding.com

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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:

Drainage Projects in Jefferson Parish, SOQ 20-21, Resolution No. 136765

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

Waggoner Engineering, Inc.
1340 Poydras St. STE 2110
New Orleans, LA 70112

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:

Hunter Arnold, PE - PE.0033444
1340 Poydras St. STE 2110
New Orleans, LA 70112
504 525-9490 Office
504 525-7542 Fax

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.

Michael D'Angelo - PE.0025888
1340 Poydras St. STE 2110
New Orleans, LA 70112
504 525-9490 Office
504 525-7542 Fax

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

<u>15</u> Administrative	<u> </u> Estimators	<u> </u> Specification Writers
<u>1</u> Architects (Licensed)	<u> </u> Geologists	<u>1</u> Structural Engineers
<u> </u> Chemical Engineers	<u> </u> Geotechnical Engineers	<u> </u> Graduate Engineers
<u>11</u> Civil Engineers	<u> </u> Interior Designers	<u>10</u> Project Managers
<u>27</u> Construction Inspectors	<u> </u> Landscape Architects	<u> </u> Clerical
<u> </u> Ecologists	<u> </u> Land Surveyor	<u>2</u> Grant/Funding Specialist
<u> </u> Electrical Engineers	<u> </u> Mechanical Engineers	<u> </u> Sanitary Engineers
<u>5</u> Engineer Intern	<u> </u> Environmental Engineers	
<u>1</u> Professional Land Surveyors		<u>73</u> TOTAL

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

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. APS Design and Testing, LLC 8000 GSRI Avenue Baton Rouge, LA 70820 534 Williams Boulevard Kenner, LA 70062	Survey & Construction Administration	Yes
2.		
3.		

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

36

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:

Hunter Arnold, PE

Project Assignment:

Principal in Charge

Name of Firm with which associated:

Waggoner Engineering, Inc.

Years' experience with this Firm:

28

Education: Degree(s)/Year/Specialization:

Bachelor of Science, Civil Engineering, Mississippi State University, 1986

Active registration: Year first registered/discipline:

Louisiana PE.0033444 / 2007

Other experience and qualifications relevant to the proposed Project:

Hunter has over 32 years of public sector civil engineering experience in the management, planning, design, and construction of locally, federally, and state funded infrastructure projects for cities, counties, and parishes in Mississippi and Louisiana. In addition to serving in the technical role as Principal Engineer on significant public works projects, he assists leaders within local governments with making the projects possible and successful using innovative and progressive public policy approaches to economic development, funding, and public policy

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Michael "Mike" D'Angelo, PE, PLS
Project Assignment:
Professional in Charge
Name of Firm with which associated:
Waggoner Engineering, Inc.
Years' experience with this Firm:
1
Education: Degree(s)/Year/Specialization:
Bachelor of Science, Civil Engineering, Louisiana State University, Baton Rouge, Louisiana, 1993 Bachelor of Science, Petroleum Engineering, Louisiana State University, Baton Rouge, Louisiana, 1984
Active registration: Year first registered/discipline:
Louisiana PE.0025888 / 1994 / Civil Louisiana PLS.0004949 / 2006 / Land Surveying
Other experience and qualifications relevant to the proposed Project:
Mike joined Waggoner in 2020 bringing over 30 years of experience in water, wastewater, and stormwater projects, including levees, floodgates, street and drainage improvements, transmission pipelines, water, and sewerage pump stations throughout Louisiana. He has been involved in every phase of the projects conducted under his supervision and direction from project funding / costs to feasibility studies to engineering design to project permitting to construction management and administration. Mr. D'Angelo provides technical oversight, coordination, and project management in order that his projects are constructed within the project schedule and within budget.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Brian Granger, PE, BCEE
Project Assignment:
Professional Engineer
Name of Firm with which associated:
Waggoner Engineering, Inc.
Years' experience with this Firm:
20
Education: Degree(s)/Year/Specialization:
Bachelor of Science, Civil Engineering, Mississippi State University, 1995
Active registration: Year first registered/discipline:
Louisiana PE.0035347 / 2010 / Civil
Other experience and qualifications relevant to the proposed Project:
Brian is an experienced design engineer and senior discipline manager for water resource improvement projects, with over 20 years of experience in water supply, storage, distribution, and treatment and advanced wastewater treatment, pumping, and public utility pipeline projects.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Monica Montgomery, EI
Project Assignment:
Project Manager
Name of Firm with which associated:
Waggoner Engineering, Inc.
Years' experience with this Firm:
15
Education: Degree(s)/Year/Specialization:
Bachelor of Science, Civil and Environmental Engineering, University of New Orleans
Active registration: Year first registered/discipline:
Mississippi EI
Other experience and qualifications relevant to the proposed Project:
<p>Monica joined Waggoner in 2006 in the Water Resources Division and has over 14 years of experience in design and project management. Her design experience includes water, wastewater, street drainage, green infrastructure and road improvement. Monica's engineering experience also, includes permitting, construction management, and construction administration. Additionally, In her role as a project manager she oversees and works on all phases of the project to ensure that her team delivers a quality work product on time and within budget.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Nick Dupuy, EI
Project Assignment:
Design Engineer
Name of Firm with which associated:
Waggoner Engineering, Inc.
Years' experience with this Firm:
1
Education: Degree(s)/Year/Specialization:
Bachelor of Science, Civil Engineering, Louisiana State University, Baton Rouge, 2018
Active registration: Year first registered/discipline:
Louisiana EI.0034618 / 2020
Other experience and qualifications relevant to the proposed Project:
Nick joined Waggoner Engineering in 2020 and assists the team in designing plans and administering projects on behalf of the Department of Public Works. As an engineer in training with the Gunda Corporation in Houston, Texas, Nick worked on several drainage projects, including evaluating hydraulics and hydrology for state highway redevelopment and evaluating bridges for scouring susceptibility. He also worked on small bridge design projects on rural highways.

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:	
RR063 – Hollygrove Group C New Orleans, LA City of New Orleans, Department of Public Works Ainsley Fischer, DPW Project Manager 504-658-8019	Waggoner was tasked with providing Design and Construction Phase Services for the Hollygrove Group C full-depth reconstruction project (FRCPP) Project. The project consists of 19 blocks of road and infrastructure work in the Hollygrove neighborhood of New Orleans. The Hollygrove Group C full depth reconstruction project includes: 19 blocks of new drain lines and/or drainage improvements; 16 blocks of SSERP point repairs; 2 blocks of sewer line replacement (whole block); 9 blocks of water line replacement (whole block); Repaving of the roadways; Replacement damaged sidewalks and driveway aprons; Installation of American with Disabilities Act-compliant curb; Construction of ramps at intersections	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Ongoing	Contract value - 601,887 Estimate construction value - 7,283,848.25	Design and Construction Phase Services

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
RR066 – Hollygrove Group F New Orleans, LA City of New Orleans, Department of Public Works Ainsley Fischer, DPW Project Manager 504-658-8019	Waggoner was tasked with providing Design and Construction Phase Services for the Hollygrove Group F (FRCPP) Project. The Hollygrove Group F full depth reconstruction project includes: 13 blocks of new drain lines and/or drainage improvements; 10 blocks of SSERP point repairs; 1 block of ESSA point repairs; 8 blocks of water line replacement (whole block); Repaving of roadways; Replacement of damaged sidewalks and driveway aprons; Installation of American with Disabilities Act-compliant curb; Construction of ramps at intersections	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Ongoing	Contract value - 439,705.06 Estimate construction value - 5,218,125.27	Design and Construction Phase Services

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
<p>St. Claude Drainage Improvements New Orleans, LA</p> <p>City of New Orleans, Department of Public Works Meagan Williams, PE Stormwater Manager 504-658-8420</p>	<p>The City of New Orleans has engaged Waggoner to provide professional engineering design services for FEMA-eligible street repairs including roadway and sidewalk replacements, drainage improvements, water main improvements, as well as parking and landscaping enhancements located in the 1200 & 1100 block of Montegut, 1200 & 1100 block of Feliciana, the 2900 block of Marais and the 2900 block of Urquhart St. Design will be coordinated with the City of New Orleans Department of Public Works, the Sewerage and Water Board, and local stakeholders including residents and local business owners. Waggoner will present the concepts and benefits of green infrastructure techniques and best practices to all stakeholders via a public meeting.</p>	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Ongoing	<p>contract value - 471,306.06 construction value - 1,873,125.51</p>	Construction Administration and Residential Inspection

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>RR067 – Hollygrove-Leonidas Group A New Orleans, LA</p> <p>City of New Orleans, Department of Public Works Louis Haywood, DPW Construction Manager 504-658-8056</p>	<p>Waggoner was tasked with providing Design and Construction Phase Services for the Hollygrove, Leonidas Group A Patch Mill Overlay and Patch Concrete (PMOPC) Project. The project consists of approximately 173 blocks of road and infrastructure work in the Hollygrove and Leonidas neighborhoods. Roadwork includes: Removing existing pavement and excavating. Hauling and legally disposing of existing pavement and surplus materials from the project site; Constructing new concrete curb and gutters; Constructing asphalt pavement or Portland cement concrete pavement (patch mill overlay and patch concrete); Other work related to the project as needed.; The sewer repair portion of this project included 91 SSERP point repairs</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2014 - 2020	<p>Contract value - 1,348,902.60 Construction value - 9,888,651.60</p>	Design and Construction Phase Services

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
RR062 – Hollygrove Group B New Orleans, LA City of New Orleans, Department of Public Works Louis Haywood, DPW Construction Manager 504-658-8056	Waggoner was tasked with providing Survey, Design, and Construction Phase Services for the Hollygrove Group B Patch Mill Overlay and Patch Concrete (PMOPC) Project. The project consists of approximately 64 blocks of road and infrastructure work in the Hollygrove neighborhood. Project includes: Removing existing pavement and excavating. Hauling and legally disposing of existing pavement and surplus materials from the project site.; Constructing new concrete curb and gutters.; Constructing asphalt pavement or Portland cement concrete pavement (patch mill overlay and patch concrete); Replacing concrete sidewalks and driveway aprons.; Constructing concrete handicap ramps. The water and wastewater repair portion of this project included 19 blocks of SSERP point repairs, eight blocks of SSERP sewer line replacement, and nine blocks of waterline replacement.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2016 - Ongoing	Contract value - 1,104,604.26 Estimate construction value - 16,485,273	Survey, Design, and Construction Phase Services

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Town of Litcher, CDBG-DR Sewerage Pond Improvements Litcher, LA St. James Parish Richard Webre, Director of Operations 225-562-2393	The Litcher sewerage pond is a 17-acre lagoon with four cells, two aerated cells and two facultative cells with a capacity of 600,000 gallons per day. The facility sustained damages from Hurricanes Gustav and Ike – two aerators damaged by electrical surges, fences damaged by falling trees, and weakened levees from overflowing water caused by electrical outages and the resulting limited pumping capacity. Waggoner worked with Parish and municipal officials to prioritize the needed improvements and develop design criteria and preliminary cost estimates for the highest priority items. Waggoner has completed the design, prepared the contract documents, assisted the Parish in soliciting and awarding project bids, and performed construction review and contract administration of the project.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2012 - 2016	Project Budget: \$ 400,000 CDBG-DR \$ 92,400 local share \$ 492,400 total	Design and Construction Phase Services

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Molaison Wastewater Lagoon Lutcher, LA</p> <p>St. James Parish Richard Webre, Director of Operations 225-562-2393 225-562-2393</p>	<p>In an effort to improve the quality of life in the Molaison Community, St. James Parish with the help of Waggoner has elected to design and construct a Sewer Collection and Transportation System. The System will be designed to serve approximately 70 homes and flow by gravity to a centralized location where it will then be pumped via pumping station to a sewerage pond for treatment. In an effort to fund the construction of the portion of the project, Waggoner has worked with the Parish to develop the design criteria and preliminary cost estimates for the CDBG application. Waggoner has completed the design of the Sewer Transport and Collection System, prepared the contract documents, and assisted the Parish in soliciting and awarding project bids. Additionally, Waggoner will be performing construction review and contract administration of the project once construction starts.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<p>Ongoing</p>	<p>Project Budget \$ 800,000 CDBG; \$ 68,745 EPA \$ 456,955 local share \$1,325,700 total</p>	<p>Design and Construction Phase Services</p>

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Stormwater Drainage Improvements Jackson Municipal Airport Authority</p> <p>Jackson, MS Paul A. Brown Chief Executive Officer 601.664.3504</p>	<p>Waggoner's role in this project involves assessing the storm drainage on Jackson International Airport property, recommending improvements in drainage to rehabilitate the existing drainage systems and attempt to mitigate flooding, and executing those recommendations.</p> <p>The tasks necessary to complete the project include: reviewing available records from as-built construction drawings and past reports, performing preliminary field review, identifying the wetland boundaries on the property of Jackson International Airport along the Highway 475 corridor, delineating drainage basins, calculating the capacity of stormwater drainage, completing a report with results from the study, preparing contract drawings and specifications, conducting the bid and contract award phase, and construction engineering.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<p>2015</p>	<p>\$3.7 million</p>	

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

TEC Professional Services Questionnaire

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

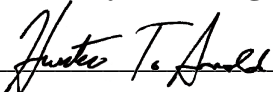
Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. n/a	n/a	n/a
2.		
3.		
4.		

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

Waggoner has been providing professional engineering services in Louisiana since 1998, and currently operates from offices in New Orleans. We have provided engineering and grant management services from our New Orleans office since 2007 for over \$7.5 billion in disaster recovery programs, including FEMA roads restorations in the City of New Orleans.

Waggoner's team, which includes APS Design and Testing, LLC has decades of work experience in Louisiana and of the City of New Orleans. Our combined experience includes work associated with DOTD, FEMA and CDBG-DR Projects. In fact for the past 8 years, members of this Team have been providing design engineering and construction management consultant services for the Capital Improvement Program for Milan-Touro, Hollygrove-Leonidas Group A, St. Claude Drainage Improvements, and Hollygrove Groups B, C, and F.

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

Signature:  Print Name: Hunter Arnold, PE
 Title: Principal in Charge Date: 1/27/2021

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:
Drainage Projects, SOQ 20-21

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



www.aps-testing.com
Physical Address LSU South Campus 8000 Innovation Park Drive Baton Rouge, LA 70820
New Orleans Office 534 Williams Boulevard Kenner, LA 70062
Mailing Address 5261 Highland Rd. PMB #320 Baton Rouge, LA 70808

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:

Sergio Aviles P.E., M.ASCE License No. 33571
 President/Owner
 Ph: 225.456.5714
sergio@aps-testing.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.

Same as above

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

<u>1</u> Administrative	<u> </u> Estimators	<u> </u> Specification Writers
<u> </u> Architects (Licensed)	<u> </u> Geologists	<u> </u> Structural Engineers
<u> </u> Chemical Engineers	<u>2</u> Geotechnical Engineers	<u> </u> Graduate Engineers
<u> </u> Civil Engineers	<u> </u> Interior Designers	<u> </u> Project Managers
<u>14</u> Construction Inspectors	<u> </u> Landscape Architects	<u>1</u> Clerical
<u> </u> Ecologists	<u> </u> Land Surveyor	<u> </u> Grant/Funding Specialist
<u> </u> Electrical Engineers	<u> </u> Mechanical Engineers	<u> </u> Sanitary Engineers
<u>4</u> Engineer Intern	<u> </u> Environmental Engineers	
<u> </u> Professional Land Surveyors		<u>21</u> TOTAL

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

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.
Not Applicable

2.
Not Applicable

H. Has this JOINT-VENTURE previously worked together? Please check:
YES _____ NO X

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.		
2.		
3.		

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

 4

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 (ie. 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

Sergio Aviles, P.E.
President

Project Assignment:

Principal In Charge/Project Engineer

Name of Firm with which associated:



Year' experience with this Firm:

16 Years

Education: Degree(s)/Year/Specialization:

B.S./2001/Civil Engineering

Active registration: Year first registered/discipline:

2007/Civil Engineering

Other experience and qualifications relevant to the proposed Project:

Sergio Aviles, PE (continued)

Mr. Sergio Aviles is the President and has over 15 years experience in geotechnical and civil engineering. Mr. Aviles received project experience throughout Louisiana with the Pavement & Geotechnical Section of Louisiana Department of Transportation and Development (LADOTD). Mr. Aviles' duties for LADOTD included pile foundation design and construction inspection of piles, slope stability design, embankment settlement calculations, design and construction inspection of drilled shafts, MSE wall design, sheet pile design, and testing services that included, PDA, WEAP, and CAPWAP analysis of piles. Prior to signing on with the Pavement & Geotechnical Section of LADOTD, Mr. Aviles participated in the LADOTD Rotational Engineer Intern program developed by the Louisiana Transportation Research Center (LTRC). During the program, Mr. Aviles learned most of the duties and responsibilities of LADOTD main design and construction sections (Bridge Design, Road Design, Hydraulic Design, Head Quarter construction, and district construction).

TEC Professional Services Questionnaire

2011– Present President/Founder
APS Design and Testing, LLC., Baton Rouge, LA

2008 –2011 Geotechnical Branch Manager
Southern Earth Sciences, Inc., Baton Rouge, LA

2006 – 2008 Consultant Geotechnical Engineer
HNTB Companies, Baton Rouge, LA
Responsibilities included analysis and design pertaining to T-walls stability, levees stability, pile foundation, soil mixing, and wick drains. Field investigations to coordinate drilling crews and lab assignments.

2005 – 2006 Consultant Geotechnical Engineer
Professional Service Industries, Inc. (PSI), Baton Rouge, Louisiana.

Responsibilities included construction services, geotechnical investigations, cost estimating, slope stability analysis, the design of foundations, retaining walls, earthen structures, and writing final Geotechnical reports.

2001 -2005 Geotechnical Engineer Intern II
LADOTD - Pavement & Geotechnical Section

2001 –2001 Rotational Engineer Intern
LADOTD

2001 –2001 Internship/Co-op
LADOTD - Pavement & Geotechnical Section

Department of Public Work

Airline Highway Pipeline-DPW-Gravity Main and Forcemain 10-GS-MS-007

This project is part of the Baton Rouge Sanitary Sewer Overflow (SSO) Program being implemented under the Consent Decree with the EPA. The project involves replacing 51,360 linear feet of 10-inch, 12-inch, 15-inch, 18-inch, 21-inch, 24-inch, 36-inch, and 42-inch gravity sewer pipeline. Additional 23,720 linear feet of existing force-main sewer pipeline will be replaced with new 36-inch and 48-inch pipes.

Staring Lane Pipeline-DPW-Forcemain

This project is part of the Baton Rouge Sanitary Sewer Overflow (SSO) Program being implemented under the Consent Decree with the EPA. The project involved of the construction of a 60-inch ductile iron forcemain. The approximate linear length of the sanitary sewer forcemain is 8,810 linear feet.

N. Galvez Street Reconstruction -DPW-2005-02E

The proposed project consists of the pavement design for the reconstruction of the N. Galvez St. from Tennessee St. to Delery St. with sewer upgrade in Orleans Parish, New Orleans, Louisiana.

TEC Professional Services Questionnaire

St. Bernard Sewer Forcemain

The project consisted of design and construction of sewer forcemain approximately 1,700 to 1,800 linear feet.

The scope of services also included conducting laboratory tests on selected samples recovered from the soil borings. These tests included visual description and classification, moisture content determination, determination of liquid limit, plastic limit and plasticity index, determination of the unconfined and undrained unconsolidated compressive strength, and determination of percent of sand, silt and clay as per DOTD TR407.



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:	
Queen Bess FENSTERMAKER 445 North Boulevard, Suite 601 Baton Rouge, LA 70802	APS laboratory analyses was conducted to determine the following properties to a total of nine borings: <ul style="list-style-type: none"> • Attebergs • Self-weight Consolidation • Consolidations • Unconsolidated Undrained (UU) • Specific Gravity results • Detail borings logs 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018	N/A	Geotechnical

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
HNTB CORPORATION 2021 Lakeshore Drive, Suite 230, New Orleans, LA Retrieval, classification and testing of soil samples retrieved for LCA BUDMAT - Tiger Pass 2 (TP-2), Spanish Pass Ridge Extension, Plaquemines Parish, Louisiana	APS laboratory analyses was conducted to determine the following properties to a total of three borings: <ul style="list-style-type: none"> • Attebergs • Unconsolidated Undrained (UU) • Specific Gravity results • Detail borings logs 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018	N/A	Geotechnical

TEC Professional Services Questionnaire

PROJECT NO. 3

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>USDA-Natural Resources Conservation Service 3737 Government Street Alexandria, LA 71302</p> <p>ME-31 Freshwater Bayou Marsh Creation Project Vermillion Parish, Louisiana</p>	<p>The Freshwater Bayou Marsh Creation Project (ME-31) was approved for engineering and design by the Natural Resources Conservation Service (NRCS), in cooperation with the Coastal Protection and Restoration Authority of Louisiana (CPRA). The project was funded in 2010 through the Coastal Wetlands Planning, Protection, and Restoration Act (CWPPRA) on Project Priority List 19. The primary goal of this task order is to obtain geotechnical engineering samples, analyses, and recommendations to support design and construction of the following project features:</p> <ul style="list-style-type: none"> Marsh Creation and Nourishment ; Containment Dikes; Offshore Borrow Areas; Develop five settlement curves, each with a unique initial fill height determined to be appropriate by the APS, with the concept that top of fill levation should remain between the modified MHW and MWL or between the 90% inundation and 10% inundation elevations for a substantial portion of the 20-year project life; 1D consolidation tests and a settling column to determine cut to fill ratios; Estimated time rate of settlement of dewatered fill material, including substrate settlement; Settlement curves for the Primary Consolidation, Secondary Compression, and Desiccation of Dredged Fill (PSDDF) model; and Recommendation for spoil placement/marsh creation. 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018	N/A	Geotechnical

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

Parties:		Status/Result of Case
Plaintiff:	Defendant:	
1. NONE	 NONE	 NONE
2.		

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.

STATEMENT OF QUALIFICATIONS

APS Engineering and Testing, LLC is a geotechnical engineering, environmental, construction engineering, construction materials testing and inspection company that provides a broad range of related services which include but are not limited to:

- **Geotechnical Engineering Analyses**-Geotechnical investigations and reports, foundation design, pavement design, slope stability analyses, settlement and down drag analyses, cofferdam and excavation design, bulkheads, docks, wharfs, borrow pits, WEAP, and CAPWAP.
- **Laboratory Testing**- Strength testing UC, CU, CD, UU, consolidation, and classification testing for soils and aggregates.
- **Construction Materials Testing and Inspection**- Pile logging and load test monitoring, concrete inspection and testing, earthwork inspection and testing, and, in place density and compaction testing, Pile Driving Analyzer (PDA) monitoring, Cross-hole and Single Hole Sonic Logging, Pulse Echo Integrity Testing a non destructive pile testing.
- **Environmental**- Environmental Site Assessments, Site Characterization, Asbestos Containing Materials, Soil and Water Sampling and Chemical Testing.

A P S Engineering and Testing, LLC is certified, or has applied for certification, by the appropriate local, state, and federal agencies in the following areas:

- Small business
- Disadvantaged business enterprise (DBE - minority owned)

In addition, we are our laboratory is certified with the following agencies:

AMRL (AASHTO)

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



Signature: _____ **Print Name:** Sergio Aviles

Title: President **Date:** January 27, 2021