



March 31, 2022

Jefferson Parish Council
c/o Ms. Eula Lopez, Parish Clerk
General Government Building
200 Derbigny Street, Ste. 6700
Gretna, LA 70053

Subject: Statement of Qualifications (SOQ) for Routine Engineering Services for Drainage Projects in Jefferson Parish, Resolution 138811

Dear Ms. Lopez,

We are pleased to enclose our team's SOQ for the subject services for the Parish's review and consideration. Our team is committed to providing the highest quality services possible. We appreciate the opportunity to submit our qualifications and look forward to the prospect of serving Jefferson Parish.

If you have any questions or require additional information, please let us know.

Sincerely,



Paul Barcelona, P.E.
President

ARTOVIA

QUALIFICATIONS FOR



ROUTINE ENGINEERING SERVICES FOR DRAINAGE PROJECTS IN JEFFERSON PARISH

MARCH 31, 2022

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 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:

B. Firm Name & Address:

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:

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.

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

<input type="checkbox"/> Administrative/Grants	<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 type="checkbox"/> Geotechnical Engineers	<input type="checkbox"/> Graduate Engineers
<input type="checkbox"/> Civil Engineers	<input type="checkbox"/> Interior Designers	<input type="checkbox"/> Project Managers
<input type="checkbox"/> Construction Inspectors/CAD	<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 type="checkbox"/> Engineer Intern (PM)	<input type="checkbox"/> 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 _____
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):
1.		
2.		
3.		

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

5

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:

Paul Barcelona, P.E., President



Project Assignment:

Project Manager/Engineer

Name of Firm with which associated:

ARTOVIA

Years' experience with this Firm:

10 years

Education: Degree(s)/Year/Specialization:

BS/1994/Civil Engineering

Active registration: Year first registered/discipline:

1999/Civil Engineering/LA License # 28237

Other experience and qualifications relevant to the proposed Project:

Mr. Paul Barcelona is a Professional Civil Engineer with 27 years of experience in engineering, program, construction, and grant management. The following shows his relevant experience for this project:

- Prepared construction plans and design for Earhart Blvd. Roadway and Storm Sewer Improvements. Designed Metairie Rd. Bridge over 17th St. Canal. Preliminary design for London Ave. Canal Bridges. Design for various steel and concrete structures including buildings, wharves, docks, and other public infrastructure.

- Engineering services for storm-proofing of drainage pump station No. 13 in New Orleans.

- Preliminary engineering, evaluations, needs assessments, asset prioritization, and capital planning for New Orleans Drainage Capital Program. Managed execution of the programs, including management of schedules, scope, project budgets, expenditures, and bidding.

- QA/QC of design, review of construction submittals/ shop drawings for conformance for major drainage pumping stations in New Orleans through the Army

TEC Professional Services Questionnaire

CONTINUED - Other experience and qualifications relevant to proposed project

Corps of Engineers Southeast Louisiana Urban Flood Control (SELA) program.

- Provided engineering for review of plans and specifications, bid documents, change orders and cost reasonableness for drainage projects in the Gustav/Ike CDBG program. Developed policies and procedures for the process.

- Provided engineering for development of grant applications, review of plans, bid documents and change orders, and for cost reviews in the Katrina/Rita CDBG recovery program in New Orleans, St. Charles and Jefferson Parish for drainage. Developed policies and procedures for the process.

- Resident Inspection for Drainage! Improvements, St. Tammany Parish: Artovia has provided resident inspection for Lake Village Drainage Improvements/N. Pearl Mill and Overlay and for Lower W-15 Area Drainage Improvements. Mr. Barcelona was responsible for oversight and quality of the inspection services being provided! by the Artovia personnel.





- Drainage Improvements on the West Bank of Jefferson Parish: Artovia is providing design and! construction compliance for Hurricane Isaac CDBG drainage improvements on the West Bank. Mr. Barcelona is responsible for delivery of the services.

- Mr. Barcelona also has > 15 years! of experience working in the Jefferson Parish Sewerage Capital Improvement Program. Because of the interaction and coordination with Drainage on numerous projects, Mr. Barcelona is knowledgeable of drainage design standards, bidding, construction administration, utility coordination, front end documents and Parish Procedures.

- Experienced with cost estimating for all types of infrastructure including drainage improvements.

- Preparing updates to Standard Operating Procedures for Drainage Pump Stations in Jefferson Parish.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Robert T. Dale, Senior Project Manager	
Project Assignment:	
Project management – design and specification review, invoice processing, analyzing and confirming design flow calculations, project construction inspections, etc.	
Name of Firm with which associated:	
	
Years' experience with this Firm:	
3 Years	
Education: Degree(s)/Year/Specialization:	
BS/1984/Mechanical Engineering	
Active registration: Year first registered/discipline:	
1988/Engineer Intern/EI.0012437	
Other experience and qualifications relevant to the proposed Project:	
<p>Mr. Dale has over 33 years of experience in Public Utilities:</p> <ul style="list-style-type: none"> 11 years with Jefferson Parish Department of Drainage, Assistant Director 4 years with Jefferson Parish Department of Water, Assistant Director 18 years with Jefferson Parish Department of Sewerage, Foreman, Superintendent, O&M Manager <p>Drainage experience includes all levels of involvement, from day to day operations, planning/scoping new projects, pump station design, collection system design, budget preparation, emergency planning during hurricanes, etc.</p>	<p>The following is a description of his experience:</p> <p><u>Planning and design of various canal bank stabilization projects. Using both in-house work forces and contractor.</u></p> <p>(1) Canal #17 which was one of the 1st projects where JP used vinyl sheet pile for canal bank stabilization.</p> <p>(2) Hoey By-pass Canal.</p> <div style="display: flex; justify-content: space-around; margin-top: 10px;">   </div>

TEC Professional Services Questionnaire

CONTINUED - Other experience and qualifications relevant to proposed project

Jefferson Parish Drainage Pump Replacements:

Reviewed specific as-built details required for large pump replacement. Designed, prepared specifications, and secured the replacement of one of the large vertical pumps at the old Bayou Segnette Drainage Pumping Station. Project involved both in-house pump station personnel and contracted forces. Involved removal of old pump, purchase of replacement pump, modifying suction tube, installation of pump and test of completed installation.



Jefferson Parish Subsurface Drainage Piping Investigations:

Experience includes in-depth knowledge of subsurface pipe failures, investigation, and repairs. Techniques of investigation include:

- Video inspection of pipe with pull-through camera and pole camera
- Dye flooding
- Smoke testing

Subsurface pipe repair experience includes open cut, slip lining, and cured in place lining. The images show a sample of CMP pipe pre and post cured in place lining repair.



Jefferson Parish Drainage Project Evaluations:

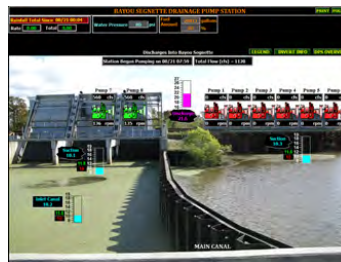
Evaluated flows and involved with design of new and rehabbed drainage lift stations. Created hydraulic models used for sizing pipe and pumps.

- West Metairie & West Napoleon
- Pontiff Playground
- Various Jean Lafitte pump stations



Other Drainage Experience Includes:

- Prepared preliminary and final site plans and specifications.
- Used CAD software to prepare drawings for contractors and in-house field personnel.
- Estimated project cost and created schedules.
- Worked with JP Legal Department, JP Engineering Department, Surveyors, and other Utilities to determine property ownership and possible conflict with other utilities. Coordinated adjustments if required.
- Working with consultant engineers to develop detailed scope of various drainage improvement projects throughout the Parish.
- Developed and reviewed plans and specifications related to new construction, repairs, maintenance, and upgrades of drainage pump stations and drainage collection network.
- Routinely made site inspections of construction to ensure schedule and other contracted requirements were met.
- Evaluated bids and prepared recommendations on new equipment purchases.
- Setup computer automated pump station work order maintenance system.
- Instrumental in the preparation and annual update of the Drainage Emergency Plan, which is used yearly in preparation for hurricane season.
- Remotely monitored drainage pumping activity and canal levels during all rain events with the SCADA software.



TEC Professional Services Questionnaire

CONTINUED - Other experience and qualifications relevant to proposed project

Other Drainage Experience, Cont:

- Evaluated areas with street flooding issues, using various investigation techniques to explain existing conditions. Issued work orders to clean/repair existing subsurface drainage or developed scope for capital improvements to areas with drainage problems.
- Field inspection of canal outfall pipes and logically labeled and noted condition of each along with labeling all drainage manholes in the Parish computerized GIS.
- Overseeing internal and contracted work related to the repairs, maintenance and/or upgrades of the parish canal system.
- Worked directly with consulting engineers and contractors to design, construct, and maintain the ever-changing drainage system.
- Have experience with Jefferson Parish procedures related to all phases of engineering agreements - from Council selection, phases of design, construction management, to project close-out.

Mr. Dale is also preparing updates to standard operating procedures for Drainage Pump Stations in Jefferson Parish.


Jefferson Parish Water Department:

- Assisting the Director of Water in all administration, managerial, and technical aspects of the Water! Department.
- Prepared annual and construction contracts for bid.
- Reviewed bid tabs and prepared resolutions for! selection service and/or construction contracts.
- Performed inspections on all internal and contracted! work associated with repairs, maintenance and/or! upgrades of the water treatment plants and the water! distribution system.
- Managed the daily operations of the utility billing! division which is responsible for the collection of fees! for various utilities such as Water, Sewerage,! Environmental and Parkways, managing over 144,000! accounts.
- As Assistant Director, Mr. Dale frequently managed! and coordinated projects involving both water and! drainage infrastructure.

Jefferson Parish Sewerage Department:

- Designed and managed construction of many improvements to minor and major sewer lift stations.
- Reviewed and approved plans and specifications for new sewer utilities.
- Project manager of computerized preventive maintenance software program used in tracking repair and maintenance cost of sewer lift stations and wastewater treatment plant equipment.
- Created hydraulic computer models in SewerCAD for many major sewerage pumping stations, developing system curves, sizing motors, pumps, valves, and piping.
- Supervisor of the sewer investigation crews, whose primary duties were to investigate sewerage systems with above normal ground water infiltration, by conducting system smoke testing, dye flooding , and pipe video inspection to locate broken or failed pipes.
- With the Sewerage Department, Mr. Dale frequently managed and coordinated projects involving both sewerage and drainage infrastructure.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Bruce D. Barton, P.E., Electrical Engineer	
Project Assignment:	
Electrical Engineer	
Name of Firm with which associated:	
	
Years' experience with this Firm:	
<1 year	
Education: Degree(s)/Year/Specialization:	
BS/1971/Engineering Sciences	
Active registration: Year first registered/discipline:	
1979/Professional Electrical Engineer/LA License # 18286 1984/Professional Engineer/MS License # 09140	
Other experience and qualifications relevant to the proposed Project:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>Mr. Barton is a Professional Electrical Engineer with 40 years of experience. He has extensive experience in electrical design for public works projects and other projects. Below is a summary of his relevant Drainage Pump Station electrical systems design experience for this project:</p> <p>1. 1981 - Jefferson Parish Estelle PS #1 - Designed 1600A, 480 volt electrical system (including Motor Control Center), and controls, and Permanent 1000KW Backup Diesel Generator Set to power 4-200HP pumps. Included 2-8000 gallon diesel fuel tanks.</p> <p>2. 1981/82 - Bayou Segnette State Park - Designed 200A, 480 volt electrical system (including Motor Control Center), and controls, for 2-40HP pumps.</p> </div> <div style="width: 48%;"> <p>3. 1981-1983 - Jefferson Parish Bonabel #1, Suburban #2, Elmwood #3 PS's - Inspected electrical construction work while these original pump stations were being built. Inspections included 480 volt and 4160 volt electrical systems, power and lighting branch circuits, and lightning protection systems.</p> <p>4. 1995/96 - Canal Street Pump Station (Metairie, LA) - Designed 600A, 480 volt electrical system (including Motor Control Center), and controls, for 4-75HP pumps.</p> <p>5. 1997/98 - Various Pump Stations, Eastbank & Westbank - Designed installations of GE Multilin #469 Motor Protective Relays for pump motors (mostly 4160 volt, 700-800HP), and GE Multilin #489 Generator Protective Relays (4160 volt gensets).</p> </div> </div>	

TEC Professional Services Questionnaire

CONTINUED - Other experience and qualifications relevant to proposed project

6. 1997/98 - Jefferson Parish Hero Pump Station - Designed electrical system to install 3-5000 gallon diesel fuel tanks to feed 2-existing 2000KW EMD, 4160 volt Diesel Generator Sets, and 2-existing 2000HP EMD diesel powered Pumps. Design included new duplex diesel fuel transfer pumps, with dual daytank float level system.

7. 1997/98 - Jefferson Parish Elmwood PS#3 - Designed replacement 800A, 480 volt Auto Transfer Switch to power Station from House Genset. Also, designed installation of UPS units for each of the 8 pump control panels, to prevent loss of pumps during power outages or power transfers.

8. 2001 - Jefferson Parish Canal Street Pump Station - Reviewed Consultant's design to modify existing MCC from 600A to 800A, and installation of a new 500KW diesel generator set, when 4-75HP pump motors were changed to 4-100HP pump motors.

9. 2001 - Gloria Drive Pump Station (Lafitte) - Designed 400A, 480 volt replacement electrical service and Permanent 250KW Diesel Generator set in steel "Container" building to operate 2-75HP pumps. Also designed pump controls.

10. 2002 - Jefferson Parish Canal Street Pump Station - Managed Startup and Checkout of the 4-100HP pumps, and the new 500KW, 480 volt backup diesel generator set. Also, physically rewired all starters and controls for the Station, since these details had not been tended to by the Consultant. Kept the Station in service during this re-work process.

11. 2003/04 - Parish Line PS #5 - Designed the 480 volt and 4160 volt electrical system renovations to install 2-Permanent 1500KW, 4160 volt, diesel generator sets, to operate 3-existing 700HP pump motors (circa 1985). Designed exhaust system for these 2 sets. Designed 200KW "house" genset with Auto Transfer Switch. Designed Alternate to install a 2500KW EMD diesel generator set, in lieu of the 2-1500KW's.

12. 2004/05 - Jefferson Parish Mount Kennedy Pump Station - Designed 3000A, 480 volt electrical system and Permanent 2250KW Diesel Generator Set to operate 3-400HP pump motors (756FLA each).

13. 2003 - North Atlanta, North Cumberland, North Starrett Pump Stations - Designed 480 volt electrical systems to construct replacement Pump Stations. Total of 3 Stations, with 1-50HP pump each.

14. 2003 - Highway 45 Pump Station (Lafitte) - Designed 480 volt electrical system modifications to install a Permanent 80KW diesel generator set in a steel "Container" building to power up to 2-30HP pumps.

15. 2003/04 - Various Jefferson Parish Pump Stations on Eastbank & Westbank (approx. 15 locations) - Designed rework of existing electrical system infrastructures to allow easy connection of portable standby diesel generator sets to run pumps, where there were no permanent standby diesel generator sets installed. Design included installation of Manual Transfer Switches and Fused Disconnect Switches for quickly connecting gensets, in case of impending hurricane, or other cause of commercial power outage.

16. 2004/05 - South Taft, North Taft, Belmont, North Turnbull Pump Stations - Designed 600A, 480 volt electrical system modifications and Permanent 350KW Diesel Generator Set to operate 5-50HP pump motors. Included pump controls, and Instrumentation to monitor canal levels and diesel storage tank fuel levels.

17. 2004/05 - North Atlanta, North Cumberland, North Starrett Pump Stations - Designed 400A, 480 volt electrical system modifications and Permanent 250KW Diesel Generator Set to operate 3-50HP pump motors. Included pump controls, and Instrumentation to monitor canal levels and diesel storage tank fuel levels.

18. 2004/05 - Various Eastbank & Westbank Pump Stations - Designed electrical system modifications and Permanent Diesel Generator Sets with Auto Transfer Switches to power pumps in case of commercial outage. Locations: Jefferson Parish Jones Point, Crown Point #1, Crown Point #2, North Arnoult (replacement of existing genset), and Clearview.

19. 2004 - Jefferson Parish Upper Kraak Pump Station - Designed new 400A, 480 volt electrical service and replacement 400A ATS with new 200KW Diesel Generator Set to power 2-existing 75HP pumps.

20. 2004/05/06 - Various Jefferson Parish Safehouses (at Pump Station locations) - Designed electrical services to provide 120/240 volt "normal" power to new Safehouses, either powered from new Power Company facilities, or in some cases, from existing electrical systems from existing Pump Stations.

21. 2007 - Jefferson Parish Bayou Segnette Pump Station #2 - Designed replacement 800A, 480 volt electrical service to allow CORPS installation of sheet piling next to the Pump Station.

TEC Professional Services Questionnaire

CONTINUED - Other experience and qualifications relevant to proposed project

22. 2007 - Jefferson Parish Estelle PS #1- Designed replacement 1600A, 480 volt replacement electrical service to allow CORPS installation of sheet piling next to the existing electrical service at Pump Station. Power Company poles were moved/replaced, and Power Company overhead high voltage lines were relocated. Power Company replaced existing 3-250KVA transformers with 3-333KVA transformers. There will be 4-200HP pumps at this facility when the next construction phase is completed.

23. During 17 years, 1995-2012 - Various locations - Designed various projects, such as lighting systems, or circuits for pumps, compressors or the like (too numerous to list), performed "hands-on" troubleshooting work on electrical systems or pump controls, rewired/modified controls, or assisted Parish Electricians in design/rewiring controls, provided engineering support for projects as needed.

24. 1998-2012 - Jefferson Parish various locations - At Parish's request, Reviewed various electrical, telemetry and instrumentation, and mechanical system design plans and specifications prepared by Consultants for Drainage Pump Station construction, and provided review comments to Parish. Worked with various vendors (reviewed proposals and/or shop drawings for proposed equipment, etc.) providing goods and services to the Parish, to insure the best interests of the Parish. At Owner's request, inspected electrical construction of various projects.

25. During 31 years - 1981-2012 - Besides the Drainage Pump Station projects listed above, have designed both major and minor work at Jefferson Parish's Water Treatment Plants, Wastewater Treatment Plants, Recreation/Parks Dept., and Street Lighting Dept.


26. July, 2012 - Jefferson Parish, Louisiana. Designed 480 volt electrical and instrumentation systems for the new Westgate Drainage Pump Station, with three (3) 50 HP pump motors. This design included a 225 KW standby diesel generator set with an Automatic Transfer Switch, for backup power.

27. June, 2014 - Jefferson Parish, Louisiana. Designed 480 volt electrical and instrumentation systems for the new Airline Park Drainage Pump Station, with three (3) 50 HP pump motors. This design included a 225 KW standby diesel generator set with an Automatic Transfer Switch, for backup power. This project was in review in DOTD for "quite some time", and finally bid approximately March, 2017. The project was completed approximately January, 2019.

28. Years 1981 thru 1995 – Terrebonne and Lafourche Parishes. During these years while employed at Gulf South Engineers, designed several drainage pump stations, and designed instrumentation to place these stations on the SCADA systems. This was in the same timeframe as I designed many Sewage Lift Stations, and modifications to WWTPs and (Drinking) Water Treatment Plants in Houma and Thibodaux, LA.

29. May-July, 2015 - Jefferson, Orleans, St. Charles and St. John Parishes. – As Electrical Inspector for the Inspection Team of the AIMS Group of Metairie, La., inspected all 56 Drainage Pump Stations in these Parishes for the US Army Corps of Engineers (CORPS). These 56 DPSs are the "Pumping System" to protect these Parishes from flooding. A Report of items needing attention for repairs or replacement was prepared and submitted to the CORPS.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
David Wilson, Resident Inspection/CAD	
Project Assignment:	
Resident Inspection/CAD	
Name of Firm with which associated:	
	
Years' experience with this Firm:	
4 years	
Education: Degree(s)/Year/Specialization:	
A.S. Degree/1999/Engineering/Construction Technology	
Active registration: Year first registered/discipline:	
N/A	
Other experience and qualifications relevant to the proposed Project:	
<p>Mr. Wilson has 30 years of experience in inspection and CAD of construction projects, including subsurface drainage, canals, and pump stations. Mr. Wilson is experienced with projects in Jefferson Parish. Mr. Wilson also has experience in developing specifications and drawings in CAD for drainage design.</p> <p><u>St. Tammany Parish Drainage and Roadway Improvements:</u> Resident inspector for Lake Village Subsurface Drainage Improvements and for Lower W-15 Area Drainage Detention Pond Improvements.</p> <p><u>Jefferson Parish, LA:</u> Inspector for subsurface drainage improvements associated with roadway construction along Clearview between Airline Drive and the Huey P.</p>	<p>Long bridge. Resident Inspector for subsurface drainage improvements associated with roadway construction in the Metairie and Waggaman areas. Inspected drainage pump station safe house construction in Jefferson Parish.</p> <p><u>City of Mandeville:</u> Resident Inspector for subsurface drainage improvements associated with roadway construction between Highway 190 and Lake Pontchartrain and between Highway 22 and the lake.</p> <p><u>Voter's Road @ LA 433 Improvements:</u> Prepared plans and record drawings. Resident Inspector for roadway and subsurface drainage improvements for St. Tammany Parish portion of upgrade to area around I -10 exits at Old Spanish Trail.</p>

TEC Professional Services Questionnaire

CONTINUED - Other experience and qualifications relevant to proposed project

Drainage Pump Stations: Prepared drawings and inspected upgrades to pumps and controls for various pump stations in St. Charles and St. John the Baptist Parishes.

Drainage Master Plans: Prepared and maintained multiple air force base drainage plans. Ensured SWPP standards compliance.

CAD: Prepared Plan/profile sheets for subsurface drainage, electrical, mechanical, pump stations, site civil, and record drawings.

Registrations/Certifications/Training: LA DOTD asphalt concrete paving, USACE Pavement Construction Inspection, USAF Harvest Bare Course (Airbase design), Advanced USAF Engineering Technician, USAF Site Development (surveying, drafting, materials testing)

Jefferson Parish Drainage Canals: Performed Katrina related damage assessments.



Jefferson
Parish
State of Louisiana

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p>Jeanne Burke, Admin/Grant Specialist</p> </div> <div style="flex: 1; text-align: center;">  </div> </div>
Project Assignment:	<p>Project Administration and Support, Record-keeping, Grants</p>
Name of Firm with which associated:	
Years' experience with this Firm:	<p>6 years</p>
Education: Degree(s)/Year/Specialization:	<p>Loyola University, New Orleans, Louisiana (3 years of General Studies) Attended Make Davis-Bacon Work for You seminar in Chicago, November 4th and 5th, 2016</p>
Active registration: Year first registered/discipline:	
Other experience and qualifications relevant to the proposed Project:	
<p>Ms. Burke has over 30 years of experience in project administration, project support assistance and record keeping for engineering and construction projects. Her experience includes administrative reports and document control. She is also experienced in CDBG administration and Davis Bacon Compliance. The following shows her relevant experience for this project:</p> <ul style="list-style-type: none"> - Provided project support, record-keeping, and assisted with CDBG administration and Section 3 compliance for the Drainage Improvements on Pallet Ave., Estalote Ave., Esther St. and Brown Ave. - Record keeping for plans and specs, bid documents, technical plans, geo-technical reports surveys, construction administration and construction related 	<p>documents and status reports. Document control of invoices and invoice reviews.</p> <ul style="list-style-type: none"> - Notification, coordination and tracking of utility location! pre-construction. - Coordinates Resident Inspection reports and record! keeping as related. - Assists with compilation of documents as related to! environmental reviews and maintain records for various! projects. - Documents tracking and control of auditable records! for various projects. Provide Davis Bacon and Section 3! compliance. - Assisting with SOP's for J.P. Drainage stations.


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>Drainage Improvements on Paillet Ave, Estalote Ave, Esther St. & Brown Ave. Jefferson Parish Drainage Mitchell Theriot, P.E., Director 1221 Elmwood Park Blvd., Ste. 907 Jefferson, LA 70123 Phone: 504-736-6751 Email: mtheriot@jeffparish.net</p>	<p>Removal and replacement of a portion of the existing drainage lines and inlets and replacement with larger sizes to increase flow capacity along Paillet Ave., Estalote Ave., Esther St. and Brown Ave. in Harvey, LA.</p> <p><u>Artovia's Role:</u> Design and construction compliance for CDBG funding.</p> <p><u>Artovia Members Involved:</u> Paul Barcelona, Jeanne Burke, David Wilson</p> <div></div>	
<div></div>		
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019	\$850,000	\$850,000


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>Drainage Improvements on Florence St. bewteen Brown Ave. Canal and Paillet</p> <p>Jefferson Parish Drainage Mitchell Theriot, P.E., Director 1221 Elmwood Park Blvd., Ste. 907 Jefferson, LA 70123 Phone: 504-736-6751 Email: mtheriot@jeffparish.net</p>	<p>Removal and replacement of a portion of the existing drainage lines and inlets and replacement with larger sizes to increase flow capacity along Florence St. between the Brown Ave. and Paillet in Harvey, LA.</p> <p><u>Artovia's Role:</u> Design and construction compliance for CDBG funding.</p> <p><u>Artovia Members Involved:</u> Paul Barcelona, Bob Dale, Jeanne Burke</p>	
<div></div>		
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023	\$806,579 CDBG	\$806,579


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

PROJECT NO. 3

Project Name, Location and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p>Canal D Improvements between Ames Blvd. and the B&C Canal</p> <p>Jefferson Parish Drainage Mitchell Theriot, P.E., Director 1221 Elmwood Park Blvd., Ste. 907 Jefferson, LA 70123 Phone: 504-736-6751 Email: mtheriot@jeffparish.net</p>	<p>Convert Canal D to a closed culvert between Ames Blvd. and the B&C Canal.</p> <p><u>Artovia's Role:</u> Design and construction compliance for CDBG funding.</p> <p><u>Artovia Members Involved:</u> Paul Barcelona, Bob Dale, Jeanne Burke</p>	
<div><p>Jefferson Parish State of Louisiana</p></div>		
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023	\$1,309,802 CDBG	\$1,309,802


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>Gulizo Canal Improvements between Belle Terre Rd. and Lapalco Blvd.</p> <p>Jefferson Parish Drainage Mitchell Theriot, P.E., Director 1221 Elmwood Park Blvd., Ste. 907 Jefferson, LA 70123 Phone: 504-736-6751 Email: mtheriot@jeffparish.net</p>	<p>Convert Gulizo Canal to a closed culvert between Belle Terre Rd. and Lapalco Blvd.</p> <p><u>Artovia's Role:</u> Design and construction compliance for CDBG funding.</p> <p><u>Artovia Members Involved:</u> Paul Barcelona, Bob Dale, Jeanne Burke</p>	
<div><div><p>Jefferson Parish</p><p>State of Louisiana</p></div></div>		
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023	\$1,652,013.99 CDBG	\$1,652,013.99


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:	
3rd St. Drainage Improvements in the Maplewood Area Jefferson Parish Drainage Mitchell Theriot, P.E., Director 1221 Elmwood Park Blvd., Ste. 907 Jefferson, LA 70123 Phone: 504-736-6751 Email: mtheriot@jeffparish.net	Removal and replacement of a portion of the existing drainage lines and inlets and replacement with larger sizes to increase flow capacity along 3rd St. in the Maplewood subdivision <u>Artovia's Role:</u> Design and construction compliance for CDBG funding. <u>Artovia Members Involved:</u> Paul Barcelona, Bob Dale, Jeanne Burke	
<div><div>Jefferson Parish State of Louisiana</div></div>		
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023	\$1,000,000 CDBG	\$1,000,000



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>Updates to Standard Operating Procedures for Drainage Pump Stations Jefferson Parish Drainage Mitchell Theriot, P.E., Director 1221 Elmwood Park Blvd., Ste. 907 Jefferson, LA 70123 Phone: 504-736-6751 Email: mtheriot@jeffparish.net</p>	<p>Updates to Standard Operating Procedures for Drainage Pump Stations in Council District 2</p> <p><u>Artovia's Role:</u> Updates to standard operating procedures.</p> <p><u>Artovia Members Involved:</u> Paul Barcelona, Bob Dale, Jeanne Burke</p>	
		
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022	\$90,240	\$90,240



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:	
W-15 Area Drainage Improvements St. Tammany Parish Project Manager: Laura Gatlin 21454 Koop Dr. Mandeville, LA 70471 Phone: 985-898-2552 Email: lcbeach@stpgov.org	<p>Construction of a 54 acre detention pond located on a wooded site to the east of the I-10 Service Road and north of Gause Boulevard in unincorporated Slidell, LA. Work included creation of approximately 350 acre-feet of detention storage through the clearing, grubbing, excavation, and grading of a 54.5 acre wooded site. Work also included construction of culverts, headwalls, storm drains, and weir structures to convey water into and out of the pond.</p> <p><u>Artovia's Role:</u> Resident Inspection Services</p> <p><u>Artovia Members Involved:</u> David Wilson, Inspector</p> 	
<div><div>Jefferson Parish State of Louisiana</div></div>		
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019	\$4,000,000	\$4,000,000



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

PROJECT NO. 8

Project Name, Location and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p>Lake Village Drainage Improvements/N. Pearl Dr. Mill & Overlay St. Tammany Parish Project Manager: Laura Gatlin 21454 Koop Dr. Mandeville, LA 70471 Phone: 985-898-2552 Email: lcbeach@stpgov.org</p>	<p>Drainage improvements along North Pearl Drive beginning at the intersection with Lake Erie Drive and extending south to the W-15 Canal. Work included demolition and removal of existing catch basins and storm drains, installation of new junction boxes and catch basins, installation of approximately 2,000 linear feet of 60" RCP storm drain and miscellaneous storm drains ranging from 15" to 24" diameter. There was also a 2" mill and overlay of North Pearl Drive from Lake Erie Drive to Gause Blvd.</p> <p><u>Artovia's Role:</u> Resident Inspection Services</p> <p><u>Artovia Members Involved:</u> David Wilson, Inspector</p>	
<div></div> <div></div>		
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019	\$1,000,000	\$1,000,000

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

PROJECT NO. 9

Project Name, Location and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p>Jefferson Parish Sewerage Capital Improvement Program Jefferson Parish Sewerage Mike Lockwood, Director 1221 Elmwood Park Blvd., Ste. 803 Jefferson, LA 70123 Phone: 504-736-6661 mlockwood@jeffparish.net</p>	<p>Capital improvement program for wastewater collection, distribution and treatment improvements in Jefferson Parish.</p> <p><u>Artovia's Role:</u> Program management, project scoping, constructability reviews, design phase management, CDBG grant management, policies and procedures, bid coordination, construction administration/management, Davis Bacon compliance, change order management, controls, payment applications, DEQ preliminary engineering reports and environmental information documents, record keeping, and closeout. Roadway improvements part of some sewerage projects.</p> <p><u>Artovia Members Involved:</u> Paul Barcelona, Bob Dale and Jeanne Burke</p>	
<div></div> <div></div>		
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Ongoing	\$131,000,000	\$28,000,000

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.		<u>There is no prior or ongoing litigation between Artovia and Jefferson Parish</u>
2.		
3.		
4.		

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.

Formed in 2011, Artovia, LLC is a licensed Louisiana engineering firm (EF.0004973) that has provided successful services for Jefferson Parish. We bring a team with unmatched experience with Jefferson Parish drainage projects and we will provide the highest quality engineering services possible.

Minimum Requirements for Selection

- **The person or firm submitting a Statement of Qualifications shall have one principal who is a professional engineer who shall be registered as such in Louisiana.** Paul Barcelona, P.E. is a registered Civil Engineer in the State of Louisiana.
- **The person or firm submitting a Statement of Qualifications 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 discipline involved.** Paul Barcelona, P.E. is a registered Civil Engineer in the State of Louisiana. Mr. Barcelona has 27 years of experience and has been licensed since 1999.
- **The person or firm submitting a Statement of Qualifications 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.)** Paul Barcelona, P.E. and Bruce Barton, P.E. are professional engineers registered in Louisiana.

Evaluation Criteria

1. Professional training and experience in relation to the type of work required for the routine engineering services. This SOQ contains Artovia's experience and resumes for personnel who would be involved with the project. Should the Parish require additional information on the firm's experience or on our personnel's experience, it can be provided without delay.

2. Capacity for timely completion of newly assigned work, considering the factors of type of routine engineering task, current unfinished workload, and person or firm's available professional and support personnel. Artovia has the personnel necessary to complete a wide variety of quality services that meet or exceed project time requirements. Our professionals have an excellent track record of completing work on time. We are confident that we can deliver services in a timely manner. We also have the ability to add more staff as needed.

3. Location of the principal office where work will be performed. Artovia's principal office is located at 69090 Hwy. 190 E. Service Rd., Suite 201, Covington, LA 70433.

4. Adversarial legal proceedings between the Parish and the person or firm performing professional services, in which the Parish prevailed or any ongoing adversarial legal proceedings between the Parish and the person or firm performing professional services excluding those instances or cases where the person or firm was added as an indispensable party, or where the person or firm participated in or assisted the public entity in prosecution of its claim. There are no current or past adversarial legal proceedings between the Parish and the person or firm performing professional services.

5. Prior successful completion of projects of the type and nature of routine engineering services, as defined, for which firm has provided verifiable references. Artovia as well as key staff have provided high quality services for Jefferson Parish and other clients as shown in Items K and L of this SOQ. We invite you to use any of the owners and clients listed as references or if you need additional references for our team, they can be provided without delay.

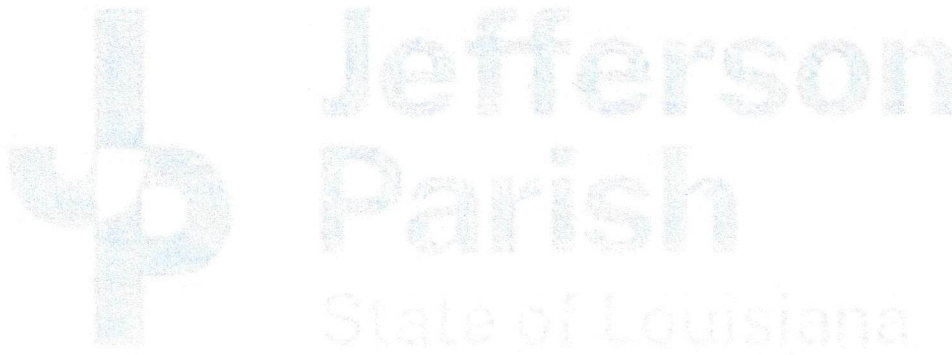
TEC Professional Services Questionnaire

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

Evaluation Criteria, Cont.

6. Size of firm, considering the number of professional and support personnel required to perform the type of routine engineering tasks, including project evaluation, project design, drafting of technical plans, development of technical specifications and construction administration. The number of professionals is shown in Item E of this SOQ.

7. Past performance by person or firm on Parish contracts. Artovia has provided high quality services on public contracts and invite you to use any of owners and clients listed as references or if you need additional references for our team, they can be provided without delay.



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

Signature: _____

Print Name: Paul Barcelona, P.E.

Title: President

Date: 03/31/22