

## TEC Professional Services Questionnaire

**A. Project Name and Advertisement Resolution Number:**

**SOQ 20-21 RES. NO. 136765  
ROUTINE DRAINAGE PROJECTS**

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

**Julien Engineering and Consulting  
2916 General Degaulle Drive  
Suite 200  
New Orleans, LA 70114**

**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:**

**Name: Kerwin E. Julien, Sr., P.E., MSCE  
Title: President  
E-mail: kerwin@julien-engineering.com  
Phone: 504.366.3454**

**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.**

**Name: Kerwin E. Julien, Sr., P.E., MSCE  
E-mail: kerwin@julien-engineering.com  
Phone: 504.366.3454**

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

<u>2</u> Administrative	___ Estimators	___ Specification Writers
___ Architects (Licensed)	___ Geologists	<u>2</u> Structural Engineers
___ Chemical Engineers	___ Geotechnical Engineers	___ Graduate Engineers
<u>2</u> Civil Engineers	___ Interior Designers	___ Project Managers
<u>2</u> Construction Inspectors	___ Landscape Architects	___ Clerical
___ Ecologists	___ Land Surveyor	___ Grant/Funding Specialist
___ Electrical Engineers	___ Mechanical Engineers	___ Sanitary Engineers
<u>3</u> Engineer Intern	___ Environmental Engineers	
___ Professional Land Surveyors		<b><u>11</u> TOTAL</b>

**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.**

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**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):
<p>1.</p> <p style="text-align: center;">N/A</p>	<p style="text-align: center;">N/A</p>	<p style="text-align: center;">N/A</p>
<p>2.</p>		
<p>3.</p>		

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

8

## 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:**

**Kerwin E. Julien, Sr., P.E., MSCE / President**

**Project Assignment:**

**Principal-In-Charge**

**Name of Firm with which associated:**

**Julien Engineering and Consulting**

**Years' experience with this Firm:**

**26**

**Education: Degree(s)/Year/Specialization:**

**M.S. / 1992 / Civil Engineering**

**B.S. / 1987 / Civil Engineering**

**B.A. / 1987 / Physics**

**Active registration: Year first registered/discipline:**

**1992 / Civil Engineering**

**Other experience and qualifications relevant to the proposed Project:**

**Mr. Julien is the President and Owner of Julien Engineering and Consulting, Inc. He has extensive experience working on many civil and structural engineering design and management projects mainly in Louisiana, Maryland, D.C., and Virginia. He has served the engineering needs of a diverse group of governmental agencies, industrial plants, commercial establishments, private residents, and other individuals and corporations. Mr. Julien is a working principal and a registered professional engineer with active licenses in many states. With a strong career and respectful educational background, Mr. Julien is always ready and able to put his qualifications to just about any challenge that may arise.**

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<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
<b>Brian Anderson, P.E. / Project Engineer</b>
<b>Project Assignment:</b>
<b>Project Manager</b>
<b>Name of Firm with which associated:</b>
<b>Julien Engineering and Consulting</b>
<b>Years' experience with this Firm:</b>
<b>20</b>
<b>Education: Degree(s)/Year/Specialization:</b>
<b>B.S. / 1998 / Civil Engineering</b>
<b>Active registration: Year first registered/discipline:</b>
<b>2005 / Civil Engineering</b>
<b>Other experience and qualifications relevant to the proposed Project:</b>
<b>Mr. Anderson has extensive experience working on various civil/ structural projects including building structures, roadways, sanitary sewerage, stormwater drainage, and a myriad of other new and rehabilitation projects. He has developed engineering experience in design and inspection of structural and civil works, project management, analysis of existing conditions, and problem solving. He is proficient in several computer software programs that enable him to effectively manage his work. For public and private clients, Mr. Anderson has developed plans and specifications and probable cost estimates and also managed tens of millions of dollars of construction work.</b>

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>	
<b>Name &amp; Title:</b>	
<b>James Green, P.E. / Project Engineer</b>	
<b>Project Assignment:</b>	
<b>Project Manager</b>	
<b>Name of Firm with which associated:</b>	
<b>Julien Engineering and Consulting</b>	
<b>Years' experience with this Firm:</b>	
<b>11</b>	
<b>Education: Degree(s)/Year/Specialization:</b>	
<b>B.S. / 2004 / Civil Engineering</b> <b>B.A. / 2004 / Physics</b>	
<b>Active registration: Year first registered/discipline:</b>	
<b>2011 / Civil Engineering</b>	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
<b>Mr. Green has over 13 years of experience in various areas of engineering, construction, and architecture. Mr. Green has provided civil and structural engineering design, construction management and structural inspection for several private and public works projects for the City of New Orleans. He has been involved in extensive project management of roadway construction for the DPW of New Orleans. Mr. Green also has experience with wastewater system design and site plan development. He also oversaw the design and construction of several school projects that included civil and structural engineering.</b>	

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>	
<b>Name &amp; Title:</b>	<b>Arthur Malbroue, III, P.E. / Project Engineer</b>
<b>Project Assignment:</b>	<b>Project Engineer</b>
<b>Name of Firm with which associated:</b>	<b>Julien Engineering and Consulting</b>
<b>Years' experience with this Firm:</b>	<b>9</b>
<b>Education: Degree(s)/Year/Specialization:</b>	<b>B.S. / 2012 / Civil Engineering</b>
<b>Active registration: Year first registered/discipline:</b>	<b>2017 / Civil Engineering</b>
<b>Other experience and qualifications relevant to the proposed Project:</b>	
<b>Mr. Malbroue has worked on various civil and structural projects including public and private building structures, roadway design, storm drainage, sanitary sewerage, and a variety of other new and rehabilitation projects. Mr. Malbroue develops plans, performs quality assurance tasks, inspections, and other construction administration tasks. He has the ability and can manage large or small projects with limited assistance or oversight from a licensed engineer. Mr. Malbroue's knowledge of computer software programs such as AutoCAD, Revit, and Microsoft Office Adobe allows him to work efficiently and effectively.</b>	

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>	
<b>Name &amp; Title:</b>	
<b>Kerwin E. Julien, Jr., E.I. / Project Engineer</b>	
<b>Project Assignment:</b>	
<b>Project Engineer</b>	
<b>Name of Firm with which associated:</b>	
<b>Julien Engineering and Consulting</b>	
<b>Years' experience with this Firm:</b>	
<b>11</b>	
<b>Education: Degree(s)/Year/Specialization:</b>	
<b>B.S. / 2010 / Civil Engineering</b>	
<b>Active registration: Year first registered/discipline:</b>	
<b>2017 / Civil Engineering</b>	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
<b>Mr. Julien has worked on various civil and structural projects which include civil site infrastructure, multifamily housing developments, and general building renovations. He has superior skills in AutoCAD, RAM Structural and RAM Elements. He has managed and monitored efforts of construction contractors and performed pre- and post-construction inspections as well as addressing unforeseen field conditions as they arise. Mr. Julien has experience with designing, managing, and executing small and large project with limited supervision from a licensed engineer. His experience includes site drainage, sanitary sewerage, water supply, foundation design, framing design, and general site development.</b>	

## 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:
<b>Name: Sewerage &amp; Water Board Report on Operations</b>  <b>Location: New Orleans, LA</b>  <b>Owner: Sewerage &amp; Water Board of New Orleans</b> <b>Ron Spooner - 504.865.0651</b>	<b>This project involves annual inspections of all S&amp;WB critical facilities for the City of New Orleans. Assessments are performed to monitor infrastructure conditions and comply with EPA and federal guidelines for all facilities. Each sewage lift station and drainage pump station is inspected to determine pumping capacity, the condition of the pumps motor and other parts. Upon completion of the inspections Julien assists with the annual facilities evaluation report for the President of the S&amp;WB.</b>
Completion Date (Actual or estimated):	Estimated Cost:
	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%; text-align: center;">Entire Project:</div> <div style="width: 45%; text-align: center;">Work for which Firm was Responsible:</div> </div>
<b>Annual Recurring Contract</b>	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%; text-align: center;"><b>N/A</b></div> <div style="width: 45%; text-align: center;"><b>N/A</b></div> </div>

### PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:
<b>Name: Rehabilitation to Multiple Drainage Underpass Pump Stations</b>  <b>Location: New Orleans, LA</b>  <b>Owner: Sewerage &amp; Water Board of New Orleans</b> <b>Lowell Pitre - 504.833.5300</b>	<b>This project involved rehabilitation of approximately twenty-two drainage pump stations. Work included replacement of pumps/motors, rehabilitation and relining of wet wells, piping replacement, by-pass pumping, pavement replacement, and other related repair and improvement elements. Julien was responsible for field assessments and structural consulting on all pump station buildings, wetwells, and appurtenances.</b>
Completion Date (Actual or estimated):	Estimated Cost:
	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%; text-align: center;">Entire Project:</div> <div style="width: 45%; text-align: center;">Work for which Firm was Responsible:</div> </div>
<b>2012</b>	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%; text-align: center;"><b>\$5M</b></div> <div style="width: 45%; text-align: center;"><b>\$1.5M</b></div> </div>



## TEC Professional Services Questionnaire

<b>PROJECT NO. 3</b>		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
<b>Name: Napoleon Avenue Canal II Drainage Improvements</b>  <b>Location: New Orleans, LA</b>  <b>Owner: Sewerage &amp; Water Board of New Orleans</b> <b>Lowell Pitre - 504.833.5300</b>	<p>This project involves the removal and replacement (enlargement) of 3,000 linear feet of a reinforced box culvert (underground canal) that services a major portion of the New Orleans stormwater drainage needs. The underground canal is located in a historic part of the City where there is a concern for areal settlement due to loss of groundwater stemming from necessary dewatering during construction of this work. Julien was instrumental in developing solutions to mitigate these concerns. Design elements included steel sheet piling, earthwork, deep and shallow foundations, groundwater control, and general drainage improvements.</p>	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<b>2014</b>	<b>\$30M</b>	<b>\$2M</b>

<b>PROJECT NO. 4</b>		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<b>Name: General DeGaulle Crossings at MacArthur &amp; Holiday</b>  <b>Location: New Orleans, LA</b>  <b>Owner: Sewerage &amp; Water Board of New Orleans</b> <b>Lowell Pitre - 504.833.5300</b>	<p>This project involved removal and replacement of an existing reinforced concrete culvert with a new double rectangular reinforced concrete box culvert to relieve restriction of stormwater drainage flow in the canal. The General DeGaulle Drainage Canal is a major stormwater conveyance for the westbank of New Orleans (Algiers). Tapered flumes on both sides of the crossing were installed which included a combination of steel sheet piling, concrete caps and retaining walls. Interconnecting laterals and other associated utilities were also addressed. The project included removal and replacement of overlying roadway pavement, curbs, sidewalk and landscaping. As a subconsultant to another engineering firm, Julien's task was to perform civil/structural engineering design and develop plans and specifications.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<b>2011</b>	<b>\$6M</b>	<b>\$1M</b>

## TEC Professional Services Questionnaire

<b>PROJECT NO. 5</b>		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<b>Name: Louis Armstrong New Orleans International Airport Airfield Safety Improvements</b>  <b>Location: Kenner, LA</b>  <b>Owner: New Orleans Aviation Board</b> <b>Don Mauras - 504.303.7520</b>	<p>The project involved replacement of an aircraft runway and taxiway and related work. Our work included closure of a major existing open channel storm water drainage canal with reinforced concrete boxes and arch pipes. Also included were reinforced concrete junction boxes, interface with adjacent drainage structures designed by others. One of the many challenges involved working adjacent to an active runway. This project was combined with another project involving runway pavement rehabilitation, so close coordination with several other engineering consultants was required.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<b>2005</b>	<b>\$30M</b>	<b>\$4M</b>

<b>PROJECT NO. 6</b>		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<b>Name: Behrman Stadium Drainage Study</b>  <b>Location: New Orleans, LA</b>  <b>Owner: City of New Orleans</b> <b>David Becnel - 504.658.8000</b>	<p>This project involves providing analysis to the City of New Orleans who was planning to replace the existing natural turf with artificial surface. It was necessary to determine the impact that reduction (or elimination) of stormwater infiltration to subsoil had on stormwater drainage. A planned soccer stadium project will also increase stormwater flow into the existing drainage system and was considered during analysis. The study determined required drainage improvements and probable construction cost for several scenarios. JULIEN provided all engineering assessment, analysis, engineering and produced a Drainage Impact Statement report containing professional opinions with findings and conclusions.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<b>2005</b>	<b>N/A</b>	<b>N/A</b>

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<b>PROJECT NO. 7</b>		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<b>Name: Brazilier Island Bulkhead</b>  <b>Location: New Orleans, LA</b>  <b>Owner: Cedar Bayou</b> <b>Tara Hernandez - 504.274.1930</b>	<p>This \$5.6M private project included assessment and renovation of 2,600 linear feet of steel and timber sheet pile wall and bulkheads in an area fronting Chef Menteur Pass. Associated work also included roadway repair and replacement, several sanitary sewer lift stations, a sewer treatment plant, along with other ancillary elements. This redevelopment project was related to the redevelopment of the residential subdivision as well as to address long term damage from several prior high water and storm events. As a prime consultant, Julien Engineering provided all engineering services, development of plans and specifications for repairs and improvements, and construction administration.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<b>2012</b>	<b>\$5.6M</b>	<b>\$5.6M</b>

<b>PROJECT NO. 8</b>		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<b>Name: Ouachita River Levee Periodic Inspection</b>  <b>Location: Monroe, LA to Columbia, LA</b>  <b>Owner: USACE, Vicksburg District</b> <b>David Wallace - 601.631.5981</b>	<p>This project included performing critical a periodic inspection of the East Ouachita River Levee between the cities of Monroe and Columbia in northern Louisiana. Periodic inspection included review of "As-Built" drawings, operations and maintenance manuals and other record documents, comparison of existing design of the levees and levee structures with current design standards as well as physical inspection of the levee itself. The results of the review and inspections are summarized in the final report and presentation to the U.S. Army Corps of Engineers. Julien Engineering performed this work in conjunction with joint-venture partner HNTB Corporation.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<b>2010</b>	<b>N/A</b>	<b>N/A</b>

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<b>PROJECT NO. 9</b>		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<b>Name: Cherokee Street Roadway Improvements</b>  <b>Location: New Orleans, LA</b>  <b>Owner: City of New Orleans, Department of Public Works Nguyen Phan - 504.658.8000</b>	<p>This project involved reconstruction of a residential roadway in New Orleans. Components included replacement of all street pavement, drainage lines, sewer lines, water lines, fire hydrants, manholes, drain inlets, sidewalks, and infrastructure features in the public right-of-way. This street is near a major stormwater drainage outfall structure which was affecting subsurface geotechnical conditions. Eliminating flooding of the residential properties, unforeseen existing subsurface gas and electric utilities, and very vocal residents presented interesting challenges. We were able to address the concerns of all stakeholders. Julien provided final design engineering, plan development, construction management and inspection for the project.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<b>2015</b>	<b>\$1.2M</b>	<b>\$1.2M</b>

<b>PROJECT NO. 10</b>		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<b>Name: Howard Hanson Dam - Tunnel Modifications</b>  <b>Location: Seattle, WA</b>  <b>Owner: USACE, Seattle District Mamie Brower - 206.764.3577</b>	<p>The Howard Hanson Dam, located on the Green River 35 miles southeast of Seattle and 25 miles east of Tacoma, is a 450 feet long and 235 feet high dam embankment that serves flood risk and water supply management to the community. The purpose of the contract was to provide Independent Expert Peer Review (IEPR) services to address safety issues dealing with seepage which could eventually lead to breach of the dam. This project involved the installation of vertical drains, dewatering system, horizontal drains, abandoning existing drains, rehabilitation of existing drains, and installing piezometers. The work was designed by the US Army Corps of Engineers. Julien Engineering was the prime consultant in charge of overseeing IEPR expert consultants in the areas of civil engineering, structural engineering, geology, and geotechnical engineering and leading their efforts in assessment and evaluation. Areas of assessment and evaluation included calculations, plans, and specifications. We were also tasked with assessing and evaluating construction phase documentation.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<b>2015</b>	<b>N/A</b>	<b>N/A</b>



## 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.**

Established in 1995, Julien Engineering and Consulting, Inc (JEC) is a professional engineering firm specializing in civil & structural engineering and construction administration & inspection. We assist clients in an expedient manner and provide accurate cost effective solutions for projects requiring civil and structural engineering. Our project interests are maintained in buildings, transportation features, roadways, storm sewer, drainage, sewerage, water supply, structures, site development, foundations, and other areas related to infrastructure development and improvement. JEC is a minority-owned, small business firm which is DBE certified by State of Louisiana, LADOTD, City of Orleans, Orleans Parish School Board, Louis Armstrong New Orleans International Airport, the Sewerage & Water Board of New Orleans, Orleans Levee District, and the Small Business Administration (SBA - HUB Zone) and is CCR registered. We have the supporting facilities including advanced technology, and supplementary equipment required to complete any engineering task in a timely manner. Registered engineers supervise all engineering work. JEC provides design, analysis, construction administration, resident inspection, and development of plans, specifications, reports, and assessments.

The professional staff at JEC has direct experience on civil/structural projects involving work on *public buildings and infrastructure*. As demonstrated through our vast experience with past clients, we have the professional qualifications, education and experience required to perform the necessary work above the expected level. JEC professionals have managed projects from conception to successful completion providing leadership to dynamic teams of owners, contractors, public agencies, private institutions, and the public.

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

Signature:  Print Name: Kerwin E. Julien, Sr.  
 Title: President Date: 1/19/2021