

Routine Engineering Services for

# DRAINAGE PROJECTS

SOQ NO. 22-011

STATEMENT OF QUALIFICATIONS BY:

The logo for DDG features a white curved line above the letters 'DDG' in a white serif font, all set against a dark grey background.



March 31, 2022

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Prepared For:  
Jefferson Parish Government  
Purchasing Department  
504.364.2678

# TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:  
 Drainage Projects - SOQ No. 22-011, Resolution 138811

B. Firm Name & Address:



Duplantis Design Group, PC  
 16554 East Brewster Road, Suite 101  
 Covington, LA 70433

C. Name, title & contact information of Firm Representative, 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:

Thomas H. Buckel, PE  
 Vice President of Engineering  
 16554 East Brewster Road, Suite 101  
 Covington, LA 70433  
 985.249.6180  
 tbuckel@ddgpc.com

D. Name and contact information of employee who is 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 requirements more than one discipline.

Scott Tabary, PE  
 New Orleans Civil Engineering Lead  
 4141 Bienville Street; Suite 101  
 New Orleans, LA 70119  
 504.434.6565  
 stabary@ddgpc.com

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

<u>14</u> Administrative	___ Estimators	___ Specification Writers
<u>8</u> Architects (Licensed)	___ Geologist	<u>1</u> Structural Engineers
___ Chemical Engineers	___ Geotechnical Engineers	___ Graduate Engineers
<u>23</u> Civil Engineers	___ Interior Designers	<u>12</u> Project Managers
___ Construction Inspectors	<u>3</u> Landscape Architects	___ Clerical
<u>1</u> Ecologists	<u>10</u> Land Surveyor	___ Grant/Funding Specialist
___ Electrical Engineers	___ Mechanical Engineers	___ Sanitary Engineers
<u>17</u> Engineer Interns	___ Environmental Engineers	<u>20</u> (CAD Designers)
<u>4</u> Professional Land Surveyors		
		<u>113</u> <b>TOTAL</b>

F. Is this submittal by a JOINT-VENTURE? Please check:

YES  NO

If marked "No" skip to Section H. "Yes" completed Sections F-G.

# TEC Professional Services Questionnaire

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

1. N/A

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):
N/A - DDG will be providing all civil engineering and surveying services.		

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

  6

# TEC Professional Services Questionnaire

K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e. resume) that demonstrates the employment history and experience of the Firm's key persons that may assist in the completion of this Project. Please attach additional pages if necessary.

## PROFESSIONAL IN CHARGE OF PROJECT:

### Name & Title:

Thomas Buckel, PE  
Vice President of Engineering and Civil Engineering Lead

### Project Assignment:

Principal-in-Charge

### Name of Firm with which associated:

Duplantis Design Group, PC

### Years' experience with this firm:

19 Years

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

Bachelor of Civil Engineering, 1999, University of Southwestern Louisiana

### Active Registration: Year first registered/discipline

2004, Civil Engineering, PE 0031022

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

Thomas Buckel, PE is a principal of DDG and leads the firm's Covington branch office. In addition, Tommy manages the hydraulic and hydrologic team as well as the coastal division of the firm. He has practiced civil engineering well over a decade throughout the southeast on projects ranging from master planning, large site developments, program management, coastal and public infrastructure. In addition to his technical day to day functions, Tommy has assisted local public agencies with scope creation, identifying funding sources and overall project execution.

#### ST. TAMMANY PARISH GOVERNMENT

Abita River Sub Basin Drainage Improvement  
Labarre St Drainage Improvements  
Cypress Bayou Intermediate Detention Pond  
WestWood Regional Detention Pond Project  
Lapin Street, Forest Brook, & Quail Creek Detention Pond & Drainage Improv.  
Bayou Chinchuba Detention Basin  
Ben Thomas Road Detention Pond  
Eddins Canal Drainage Improvements  
Sharp Road Detention Pond and Improvements  
Lake Village Drainage Improvements  
Abita Nursery Drainage Improvements  
Interstate 12 Interchange Enhancements  
W-15 Drainage Improvements  
W-14 Drainage Improvements  
Brewster Road Extension

#### CITY OF HAMMOND

Hammond Square Drive, Hammond, LA  
Drainage, Sewer, & Water Improvements

#### STIRLING PROPERTIES

River Chase Development, Covington, LA  
Stirling Blvd. Extension - River Chase Development, Covington, LA  
Fremaux Town Center, Slidell, LA  
Magnolia Marketplace, New Orleans, LA

#### OCHSNER HEALTH SYSTEMS

Ochsner Medical Complex- The Grove, Baton Rouge, LA  
Ochsner West Campus, New Orleans, LA

# TEC Professional Services Questionnaire

## KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

### Name & Title:

Heather Klingman, PE  
Principal

### Project Assignment:

Civil Engineering QAQC Lead

### Name of Firm with which associated:

Duplantis Design Group, PC

### Years' experience with this firm:

21 Years

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

Bachelor in Civil Engineering, University of Southwestern

### Active Registration: Year first registered/discipline

2004, Civil Engineering, PE 0031519

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

Mrs. Klingman has 20 years of experience in the design of civil engineering projects. She has been responsible for an abundance of civil engineering projects, some of which include the design of sewer collection systems, potable water distribution systems, gravity and forced drainage systems, pump stations, stormwater management systems, design of new roadways, roadway widenings, and improvements/rehabilitation of existing roadways. Many of the projects that Mrs. Klingman has worked on are publicly funded projects falling under the purview of the Louisiana public bid law and/or funded by state and/or federal grants; and Mrs. Klingman therefore has an extensive knowledge base of the requirements unique to public works and grant funded projects. Below is a listing of other various projects with Mrs. Klingman serving as the Lead Engineer and Designer. This exemplifies her knowledge and expertise with working with local governments:

#### LAFORCHE PARISH GOVERNMENT:

- Leighton Pump Station Improvement (HMGP-Funded)
- HMGP Structure Elevation Properties
- Parishwide Pump Station Mitigation (HMGP-Funded)
- Jesse Dufrene Drainage Pump Station
- Industrial Park Bulkhead
- Timberland Pump Station
- Pointe-aux-Chenes Flood Protection - Phase 1
- Abby Road Drainage Improvements
- Diplomat Way & Eauclair Drive Drainage

#### TERREBONNE PARISH GOVERNMENT:

- Hollywood Road Drainage Improvements
- Woodlawn Ranch Sewer Lift Station Renovations (LDEQ/CWSRF Funded)
- American Legions Sewer Lift Station Renovations (LDEQ/CWSRF Funded)
- Carlos Sewer Lift Station Renovations (LDEQ/CWSRF Funded)
- Juvenile Justice Facility (CDBG Funded)
- Good Earth Transit Facility Expansion/Intercoastal Drive
- Wallis and Mire Sewer Lift Station Renovations

#### NORTH LAFORCHE CONSERVATION, LEVEE, AND DRAINAGE DISTRICTS:

- St. Charles By-Pass Pump Station Project
- Rienzi/North Canal Drainage Study
- Leighton Forced Drainage Area Study

# TEC Professional Services Questionnaire

## KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

### Name & Title:

Scott Tabary, PE  
New Orleans Civil Engineering Lead

### Project Assignment:

Senior Project Lead

### Name of Firm with which associated:

Duplantis Design Group, PC

### Years' experience with this firm:

12 Years

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

Bachelor of Civil Engineering, Louisiana State University, 2010

### Active Registration: Year first registered/discipline

2016, Civil Engineering, PE 0040541

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

Scott joined the DDG Covington team in 2011 and quickly exemplified his expertise in hydrology and hydraulics, as well as his client and project management skills. He has experience working with and overseeing projects as well as in preparing site, grading, utility, erosion control, and stormwater quantity and quality plans (including H&H calculations). Scott's experience working on projects spans through the entire project cycle from conceptual site and master planning to re-zoning, annexation, plan production, permitting, and construction observation.

#### St. Tammany Parish Gov't - Program Management OCD/CDBG Drainage

- Abita River Sub Basin Drainage Improvement
- Labarre St Drainage Improvements
- Cypress Bayou Intermediate Detention Pond
- WestWood Regional Detention Pond Project
- Lapin Street, Forest Brook, & Quail Creek Detention Pond & Drainage
- Bayou Chinchuba Detention Basin
- Ben Thomas Road Detention Pond
- Eddins Canal Drainage Improvements

Elmwood Revitalization Project | New Orleans, LA

Fremaux Towncenter Master Plan and Development | Slidell, LA

Riverchase Master Plan and Development | Covington, LA

Meadowlake Subdivision Pond Improvements

Ochsner Health Systems - Ochsner Medical Complex- The Grove | Baton Rouge, LA

Terrebonne Parish Govt - Hollywood Drainage Improvements

Lafourche Parish Govt - Point Aux Chene Flood Protection Project

Lafourche Parish Govt - Timberland Pump Station Improvement ProjectA

# TEC Professional Services Questionnaire

## KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

### Name & Title:

Joseph P. Guillory, PE  
Coastal Division Lead

### Project Assignment:

Coastal Engineering Lead

### Name of Firm with which associated:

Duplantis Design Group, PC

### Years' experience with this firm:

9 Years

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

Bachelor in Civil Engineering, University of New Orleans

### Active Registration: Year first registered/discipline

2016, Civil Engineering, PE 0041131

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

Joseph joined DDG in 2013 with the commitment to grow DDG's Coastal and Water Resources Division; which has grown exponentially under his leadership. Currently, he and his team are designing and managing the construction of the largest marsh creation project, Lake Borgne, implemented by CPRA to date. As a civil and coastal engineer, Joseph brings a technical yet practical approach to many of Louisiana's coastal challenges - land loss, sea level rise, subsidence, storm surge, water management, and erosion. His understanding and familiarity with Louisiana's coast ensures that his design concepts will work with natural processes that shape our coast.

#### **ST. TAMMANY PARISH GOVERNMENT Watershed Management Study**

Project Manager. At the request of St. Tammany Parish in partnership with CPRA, the project team is developing a comprehensive watershed management plan to address both water quality and water quantity through the parish. The study is geared toward modeling and evaluating the existing watersheds throughout the parish and developing potential projects. DDG is leading the evaluation of the effects the drainage system has on the water quality in the receiving streams and developing drainage measures that will address water quality deficiencies. DDG is assessing the national waterway features in St. Tammany Parish and their interaction with existing man-made infrastructure for water resource management.

#### **Lower W--15 Basin Waterway Improvements**

Project Manager / Lead Engineer. Mr. Guillory lead the DDG team in the design phase, permitting, preparation of bid documents and construction inspection of this project. The drainage improvements include widening of the Lower W-15 canal and construction of a 324 ac-ft detention pond.

#### **W-14 Improvements + Fritchie Marsh Hydrologic Restoration**

Project Manager. Project scope aimed at reducing the risk of flooding for people residing in the W-14 basin and also reducing the marsh loss rates in the Fritchie Marsh. This will be accomplished by widening approximately 3,250 feet of the W-14 Canal and improving the conveyance of water through Fritchie Marsh, which will allow an increased amount of flow from the W-14 basin. The DDG team is refining an unsteady state HEC-RAS model of the W-14 and developing a water surface model of Fritchie Marsh.

#### **Coastal Management Assistance**

Project Manager / Lead Engineer. DDG was hired to assist in coastal planning, including the preparation of a coastal plan for identifying areas that are in need of protection or restoration. The firm also assisted the parish to identify and secure funding sources for various coastal projects. DDG prepared a menu of coastal projects for St. Tammany Parish's submittal to the state coastal.

#### **Bayou Bonfouca Marsh Creation (P-104) - CPRA + St. Tammany Parish Government**

Engineer/CM. While working at CPRA, Mr. Guillory served as the engineer with responsibilities consisting of evaluation of historic tidal, wind and wave conditions, and utilization of survey and geotechnical data in order to complete the marsh creation design. After joining DDG, Mr. Guillory provided construction administration on the project as a sub-consultant to Providence Engineering. This consists of placing sediment hydraulically dredged from Lake Pontchartrain in open water sites to create 620 acres and nourish approximately 200+ acres of marsh.

#### **Program Management OCD/CDBG Drainage Project**

Project Manager. Review all documents and plans prepared by engineering consultants. Prepare exhibits and assist with wetlands permitting. Construction administration and final approval of work. Review pay applications. Assist with FEMA documentation.

# TEC Professional Services Questionnaire

## KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

### Name & Title:

LeeAnn Fitch, MS, PE  
H+H Lead Engineer, Coastal Engineer

### Project Assignment:

Coastal Engineer

### Name of Firm with which associated:

Duplantis Design Group, PC

### Years' experience with this firm:

5 Years

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

Bachelors in Environmental Engineering, 2014, Louisiana State University  
Masters in Coastal and Ecological Engineering, 2016, Louisiana State University  
Doctorate of Philosophy, Civil + Environmental Engineering, Louisiana State University, Expt. 2022

### Active Registration: Year first registered/disciple

2016, Environmental Engineering, No. 33036

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

LeeAnn is an environmental and coastal engineer with nearly six years of experience with the planning and design of stormwater management and coastal restoration projects. She joined DDG in 2017 and quickly exemplified her expertise in hydrology and hydraulics. She has extensive experience with hydrodynamic models including USACE's HECRAS and HEC-HMS, EPA's PCSWMM and DH1's MIKE21. She has utilized these models to evaluate existing drainage conditions, conduct flood mapping, and develop solutions to reduce the risk of flooding to communities. As a project manager, she has conducted and led efforts involving data collection, hydrologic and hydraulic analyses, master planning, design, permitting, and construction administration.

#### Lake Borgne Marsh Creation Project - Increment One (PO-0180) / St. Tammany Parish, LA - CPRA

Project Engineer. Ms. Fitch assisted with the engineering and design of this project, a large scale marsh creation project that is anticipated to create approximately 2,769 acres of marsh. When completed, the project will represent one of the largest marsh creation projects to be implemented by CPRA to date.

#### W-14 Canal Hydraulic Improvements / St. Tammany Parish, LA - St. Tammany Parish Government

Project Engineer. Ms. Fitch is currently working with St. Tammany Parish to reduce the risk of flooding for citizens residing in the W-14 Canal Basin while simultaneously reducing the rate of erosion in the Fritchie Marsh. This will be accomplished by widening of approximately 3,250 feet of the W-14 Canal and the design of features to strategically convey additional freshwater through the Fritchie Marsh. These features are expected to include conveyance channels and modifications to an existing control weir situated within the W-14 Canal. Ms. Fitch is refining an existing unsteady HEC-RAS model to evaluate alternatives for channel widening. She also worked with The Water Institute to prepare a MIKE21 model to evaluate flow through the marsh and simulate various improvement alternatives.

#### Grand Canard Mitigation Bank Hydrologic Study / Jefferson Davis Parish, LA - RES

Lead Project Manager / Project Engineer. Ms. Fitch developed a 2D hydrodynamic model of the 250-acre mitigation bank for the design of a water control system that will optimize the mitigation bank's hydrology. The model was calibrated based on topography/bathymetry survey data and six months of measured water level data from monitoring wells throughout the site.

#### Hydrodynamic Modeling Evaluation of the Laurel Ridge Levee Extension / Ascension Parish, LA - Ascension Parish Govt.

Lead Project Manager / Project Engineer. GSA contracted DDG in September 2019 to review previous Amite River Basin studies and provide an understanding of the hydraulic models which identified the Project model runs, assumptions and limitations of each model. DDG analyzed the model components as well as justification of utilizing the existing models with general modifications for evaluation of the Project. Recommended modifications ranged from expanding model extents, refining overland roughness values, refining tailwater conditions, ensuring overland connectivity between reaches, and modifying the Project simulations to isolate and identify any potential impacts as a result of the Project. The goals and objectives of the revised modeling tasks including: developing an existing conditions model utilizing existing model sets to determine base water levels and inundation depths; developing proposed conditions models to evaluate various scenarios including the Project with and without LA22 Gapping; and, establishing a set of models which can be used for future risk assessment and mitigation efforts.

#### Drainage and Coastal Protection Plan / St. Tammany Parish, LA - St. Tammany Parish Govt.

Project Engineer. Since 2017, Ms. Fitch has contributed to St. Tammany Parish's drainage and coastal protection plan through modeling assessments, project identifications, and funding sources. Most recent notably, Ms. Fitch is providing services in support of St. Tammany Parish projects through the Louisiana Watershed Initiative.

# TEC Professional Services Questionnaire

## KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

### Name & Title:

Matthew Rodrigue, MS, PE  
Civil Engineering Assistant Project Manager

### Project Assignment:

Project Engineer

### Name of Firm with which associated:

Duplantis Design Group, PC

### Years' experience with this firm:

7 Years

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

Bachelor in Environmental Engineering, 2012, Louisiana State University  
Masters in Civil Engineering, 2014, Louisiana State University

### Active Registration: Year first registered/disciple

2017, Civil Engineering, PE 0041595

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

Mr. Rodrigue has worked on many roadway improvement, waste water, drainage, and water distribution projects. He has been involved in the design, permitting, entitlement of infrastructure design, commercial site design applications, and grant funded projects.

#### **CITY OF THIBODAUX**

Various roadway & drainage improvement projects  
Highway 20 (North Canal Boulevard Widening)  
Hero's Park

#### **J.B. LEVERT LAND COMPANY**

Rienzi Place Addendum #2 Phase 3  
Plantation Acres IV, Addition #5

#### **LAFOURCHE PARISH GOVERNMENT**

HMGP Elevation Properties  
Leighton Pump Station Improvements Phase I  
Abby Road Drainage Improvements  
Alidore Water System Waterline Improvements  
Lafourche Parish Water District #1, multiple Waterline Replacement  
Timberland Pump Station

#### **TERREBONNE PARISH GOVERNMENT**

Department of Public Works Facility (CDBG Funded)  
Juvenile Justice Facility (CDBG Funded)  
Wallis and Mire Sewer Lift Station Renovations (LDEQ/CWSRF Grant Funded)  
Ashland Sewer Lift Station Renovation

#### **SOUTHERN LIFESTYLE DEVELOPMENT**

The Settlement at Live Oak

#### **NORTH LAFOURCHE CONSERVATION, LEVEE & DRAINAGE DISTRICT**

St. Charles By-Pass Road Pump Station  
Leighton Forced Drainage Area Study  
Renzi / North Canal Drainage Area Study

# TEC Professional Services Questionnaire

## KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

### Name & Title:

Cory MacMenamin, PLS  
Surveying Division Lead

### Project Assignment:

Project Land Surveyor

### Name of Firm with which associated:

Duplantis Design Group, PC

### Years' experience with this firm:

3 Years

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

Associates in Land Surveying, Community College of Southern Nevada, 2006  
Bachelors of Science In Business Management, Southeastern University, 2019  
Surveying and Mapping, University of Wyoming, e2021

### Active Registration: Year first registered/discipline

2021, Professional Land Surveyor, PLS 0005269

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

Cory surveyed with his father since he was a young boy, he has experienced many different facets of the industry, and he appreciates the historical significance of the survey profession and the challenges it faces as technological advancements shape its future. He has performed many different types of surveys ranging across multiple states and specialties.

Providing a leading-edge approach, Cory specializes in sUAS (small Unmanned Aircraft Systems) survey technology solutions. By utilizing the power of drone technologies, he provides a significant benefit to his clients by providing accurate and efficient site evaluations and insights, which can assist with quick and informed decision making during the planning phase. Cory believes in utilizing the latest and most efficient methods for collecting and staking data points for property and topographic surveys. The surveying division lead is committed to staying at the forefront of technology and using the latest GPS, Remote Sensing, Robotic Total Station, and Scanning Stations to ensure that our clients receive accurate and precise data. With 20+ years of experience and a passion for surveying, Cory provides the highest level of client satisfaction on every project.

North Lafourche Conservation Levee & Drainage District , Rienzi Drainage Study, Thibodaux, LA

North Lafourche Conservation Levee & Drainage District, Leighton Drainage Study, Thibodaux, LA

North Lafourche Conservation Levee & Drainage District, Nicholls State University Drainage Study, Thibodaux, LA

Bayou Lafourche Fresh Water District, Bayou Lafourche Weir Removal, Thibodaux, LA

Ponchatoula Pedestrian Improvements, Ponchatoula, LA

Ochsner Health Systems Gonzales Facility, Gonzales, LA

Woodstock Residential Development, East Baton Rouge Parish, LA

Depcom Power Solar Facility, West Baton Rouge Parish, LA

Rouzan Development Phase 6 and Belfleur Rd Ext., East Baton Rouge Parish, LA

Rouzan Commercial Development Perkins Rd., East Baton Rouge Parish, LA

Kent Design Build, Inc., New Retail Development, Mandeville, LA

# TEC Professional Services Questionnaire

## KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

### Name & Title:

Dennis Gowin, PLS  
Professional Land Surveyor

### Project Assignment:

Professional Land Surveyor

### Name of Firm with which associated:

Duplantis Design Group, PC

### Years' experience with this firm:

3 Years

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

N/A

### Active Registration: Year first registered/disciple

1998, Louisiana, Professional Land Surveyor, PLS 0004846

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

Mr. Gowin is a Professional Land Surveyor with over 40 years' experience in the surveying profession and nearly 30 years as a licensed Surveyor. Experience with all aspects of subdivision development from zoning and preliminary plat approval to construction layout and final platting. Supervising professional and project manager for numerous boundary, topographic and ALTA/NSPS surveys. Supervised and calculated the construction layout for a number of commercial projects. He is familiar with the Louisiana Standards of Practice and ALTA/NSPS requirements and is proficient in many software programs such as AutoCAD and Carlson and vast experience using RTK and static GPS.

#### RELEVANT PROJECT EXPERIENCE

North Lafourche Conservation Levee & Drainage District, Rienzi Drainage Study, Thibodaux, LA  
North Lafourche Conservation Levee & Drainage District, Leighton Drainage Study, Thibodaux, LA  
North Lafourche Conservation Levee & Drainage District, Nicholls State University Drainage Study, Thibodaux, LA  
Bayou Lafourche Fresh Water District, Bayou Lafourche Weir Removal, Thibodaux, LA  
Ponchatoula Pedestrian Improvements, Ponchatoula, LA  
Ochsner Health Systems Gonzales Facility, Gonzales, LA  
Woodstock Residential Development, East Baton Rouge Parish, LA  
Depcom Power Solar Facility, West Baton Rouge Parish, LA  
Rouzan Development Phase 6 and Belfleur Rd Ext., East Baton Rouge Parish, LA  
Rouzan Commercial Development Perkins Rd., East Baton Rouge Parish, LA  
Kent Design Build, Inc., New Retail Development, Mandeville, LA  
DOTD, I-49 Connector, Lafayette, LA  
Grand Canard Mitigation Bank Hydro Study, Jefferson Davis Parish, LA  
Highway Transport, New Facility, Geismar, LA  
St. Martin Parish Drainage Improvements, St. Martin Parish, LA  
Lafayette Consolidated Government, Drainage Initiative, Lafayette, LA

# TEC Professional Services Questionnaire

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

## PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Lower W-15 Basin Drainage Improvements</p> <p>St. Tammany Parish, LA</p> <p><b>Kelly Rabalais - CAO</b>  <b>St. Tammany Parish Government</b>                      21454 Koop Drive; Ste 2F                      Mandeville, LA 70471                      985.868.2445                      krabalais@stpgov.com</p>	<p>Civil Engineering</p> <p>Due to the increase in land development and inadequate stormwater conveyance, the W-15 Drainage Basin in St. Tammany Parish, Louisiana experiences significant flooding. Beginning in 2011, DDG developed a comprehensive plan for drainage improvements. The project consisted of preparing a HEC-RAS and HEC-HMS for a project area of 35-square miles that encompasses three separate but interconnected basins including W-15 Canal, W-14 Canal, and Gum Bayou Basin. Utilizing previous model data from the Southeast Louisiana Urban Flood Control Project (SELA) as well as newly acquired topographic and bathymetric data, models were developed to understand existing flooding conditions and to evaluate various alternatives for improving flood conveyance and storage. A total of 27 different alternatives were evaluated to determine the most economical solution to alleviate the existing flooding problems in different parts of the basin. A Benefit Cost Analysis (BCA) was prepared for FEMA to facilitate the award of Hazard Mitigation Grant Program (HMGP) funds.</p> <p>The recommended project included the construction of a 324-acre regional detention pond and cleaning and widening of approximately 3 miles of the W-15 Canal. This project accomplishes two objectives: reducing peak runoff to the W-15 Canal downstream of the Tenet Pond and increasing the conveyance capacity of the W-15 Canal. These two project elements effectively reduce the water surface elevations along the W-15 Canal thereby reducing impacts to structures throughout the W-15 Basin. DDG provided engineering services to St. Tammany Parish that included engineering design, permitting, preparation of bid documents and construction inspection.</p> <div style="text-align: center; margin-top: 20px;">  </div>	
<b>Completion Date (Actual or Estimated):</b>	<b>Estimated Cost:</b>	
2023 (E)	Entire Project	Work for which firm was responsible
2023 (E)	\$507,000	\$136,000

# TEC Professional Services Questionnaire

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

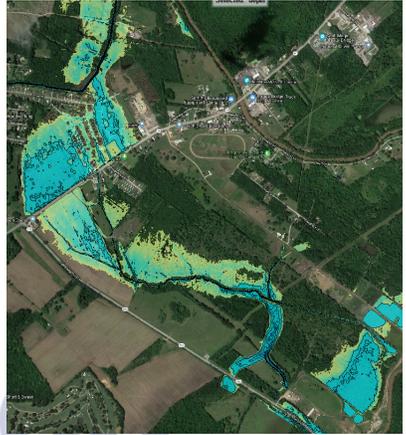
## PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>St. Tammany Parish Drainage Program Management</p> <p>St. Tammany Parish, LA</p> <p><b>Kelly Rabalais - CAO</b> <b>St. Tammany Parish Government</b> 21454 Koop Drive; Ste 2F Mandeville, LA 70471 985.868.2445 krabalais@stp.gov.com</p>	<p>Civil Engineering</p> <p>Following the receipt of CDBG-OCD Hurricanes Katrina and Rita related funds in 2009, St. Tammany Parish selected DDG to design and oversee an effective drainage improvement program. The resulting program led to the design and implementation of 10 large-scale regional drainage improvement projects. DDG was responsible for the following: 1) coordinating and assisting with land acquisition by setting up and preparing exhibits necessary for the legal department to procure the land in order to implement the drainage projects; 2) organizing/managing and assisting the wetlands consultant in the preparation of exhibits and drawings necessary to obtain approvals and permits to begin the projects; 3) assisting with the site selection of the projects coordination and management of consultants; 4) preparation of overall project schedules and budgets; 5) review of hydrologic studies and proposed designs; 6) support during bidding and project construction activities. To date, DDG has successfully overseen the completion of eight (8) projects with a total construction cost of nearly \$40 million.</p> <p>Since the initial receipt of CDBG-OCD funds, DDG has continued to provide on-call assistance for St. Tammany Parish's drainage improvement program and coastal management program. Activities supported by DDG include capital planning, project development, funding support, grant application support, benefit cost analysis, and H&amp;H modeling support to augment the Parish's in-house staff. As a subconsultant to DDG, CE Hydro conducted DFIRM coordination with FEMA including review of surge models, LAMP for non-accredited levees, review and analysis of WHAFIS modeling results, and general FEMA coordination.</p> <div style="text-align: center; margin-top: 10px;">  </div>	
<b>Completion Date (Actual or Estimated):</b>	<b>Estimated Cost:</b>	
On Going	Entire Project	Work for which firm was responsible
On Going	\$38,000,000	\$1,250,000

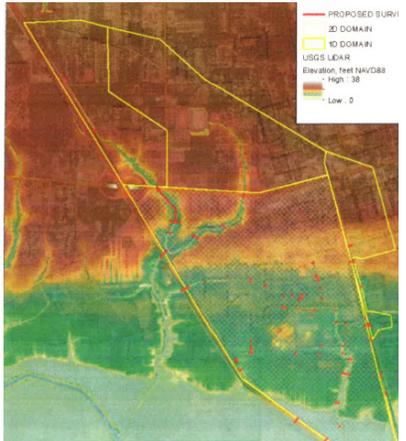
# TEC Professional Services Questionnaire

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

## PROJECT NO. 3

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Derby Heights Flood Study and Drainage Improvements  Lafayette, LA  <b>Jessica Cornay, PE, CFM</b> <b>Lafayette Consolidated Government</b> P.O. Box 4017-C Lafayette, LA 70502 337.291.8553	Civil Engineering, Water Resources, Survey  Derby Heights Subdivision retained 2 feet of standing storm water that was unable to drain causing significant damage. DDG was responsible for conducting a modeling study to identify the cause of flooding, develop an alternative to reduce flooding severity, and implement the proposed solution. Solutions entail additional culverts to improve conveyance of the D-Man Outfall, and construct a hydrologic barrier to limit water flow.	
		
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project	Work for which firm was responsible
On Going	\$800,000	\$177,113.25

## PROJECT NO. 4

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Southwest Ponchatoula Drainage Study  Ponchatoula, LA  <b>Mayor Robert Zabbie</b> <b>City of Ponchatoula</b> 125 West Hickory Street Ponchatoula, LA 70454	Civil Engineering, Water Resources, Survey  This project consists of a comprehensive Hydrologic and Hydraulic study of southwestern areas of the city of Ponchatoula. The study will identify critical drainage features and conclude with project recommendations. Offsite areas will be modeled in 1D HEC-HMS to generate inflows to the site, while the study area defined in the project overview will be modeled as 2D HEC-RAS model. This site encompasses residential streets, commercial and open space areas. The mesh resolution will exclude residential street drainage to focus on major drainage laterals.	
		
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project	Work for which firm was responsible
On Going	82,000	\$82,000

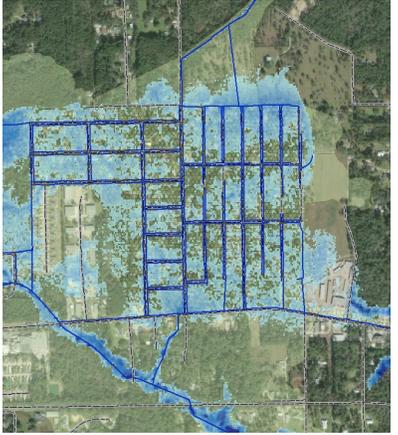
# TEC Professional Services Questionnaire

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

## PROJECT NO. 5

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Parishwide Pump Station Mitigation Program Management  Lafourche Parish, LA  <b>Lafourche Parish Government</b> <b>Archie Chiasson, Parish President</b> 402 Green Street Thibodaux, LA 70301 985.446.8427	Civil Engineering  DDG assisted with the initial HMGP applications for funding of improvements to various pump stations throughout the parish. Phase I deliverables included a hydraulics and hydrology investigation and the design and construction plans. This includes work such as new metal buildings to protect the existing pumping equipment, elevation of existing electrical equipment, new trash rakes, and access road improvements. DDG worked closely with Lafourche Parish Government staff and the team at GOHSEP through the application and design process to provide all information necessary to get the project funding approved for phase II, which is the construction portion of the project.	
Completion Date (Actual or Estimated):	Estimated Cost:	
2017 (A)	Entire Project \$1,600,000	Work for which firm was responsible \$247,424

## PROJECT NO. 6

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Abita Nursery Drainage Improvements  Abita Springs, LA  <b>Trigon Associates</b> <b>Regina Cassanova</b> 1515 Poydras Street, Suite 2200 New Orleans, LA 70112 504.585.5767 rcassanova@trigonassociates.com	Coastal Engineering  DDG assisted Trigon in the modeling, design and permitting of the Abita Nursey Subdivision. The PCSWMM Model was used to model the proposed pond, planned channels, channel improvements, and drainage improvements. DDG completed all field work, a wetland data report, and any required permit applications. A Stormwater Pollution Prevention Plan will be created by DDG during the permitting process and a submittal of a Notice of Intent to appropriate agencies including the Environmental Protection Agency and LDEQ will be completed.	
Completion Date (Actual or Estimated):	Estimated Cost:	
Phase 2 - On Going	Entire Project \$115,010	Work for which firm was responsible \$115,010

# TEC Professional Services Questionnaire

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

## PROJECT NO. 7

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Nicholls State University Campus Area Drainage Study</p> <p>Thibodaux, LA</p> <p><b>North Lafourche Conservation Levee</b>  <b>Dwayne Bourgeois</b>                      P.O. Box 309                      Thibodaux, LA 70301                      (985) 449-1376</p>	<p>Civil Engineering, Survey</p> <p>Nicholls Campus is approximately 280 acres of land comprised of a mixture of buildings, associated parking, recreational spaces, student housing, green space areas, etc. Due to drainage issues, DDG will investigate conditions and determine areas of deficiency to improve overall drainage efficiency by greatest necessity and cost expectations. DDG's Survey team provided additional drainage area investigations. DDG's Civil team used information collected to better define the drainage patterns and make a recommendation list of improvements.</p>	
		
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project	Work for which firm was responsible
2020 (A)	\$56,220 (Study Only)	\$56,220

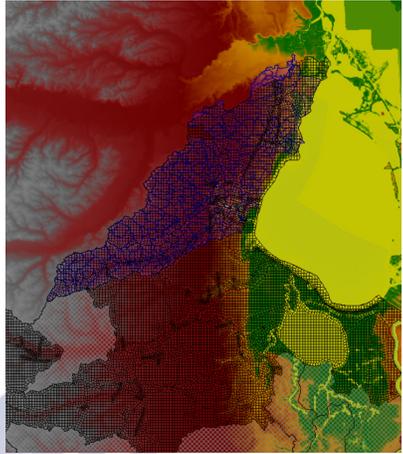
## PROJECT NO. 8

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Leighton Forced Drainage Area Study</p> <p>Thibodaux, LA</p> <p><b>North Lafourche Conservation Levee</b>  <b>Dwayne Bourgeois</b>                      P.O. Box 309                      Thibodaux, LA 70301                      (985) 449-1376</p>	<p>Civil Engineering, Survey</p> <p>Leighton Forced Drainage Basin includes approximately 7,000 acres of land. The Leighton Basin is comprised of a mixture of land uses, including commercial, industrial, residential, and agricultural. Due to drainage issues encountered in the mid to upper reaches of the basin, DDG investigated the existing conditions to determine areas of deficiency that can be addressed. DDG's Survey Team provided topographic survey to assist with investigations. DDG's Civil Team used information collected to define drainage patterns and make recommendations.</p>	
		
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project	Work for which firm was responsible
On Going	\$77,666 (Study Only)	\$77,666

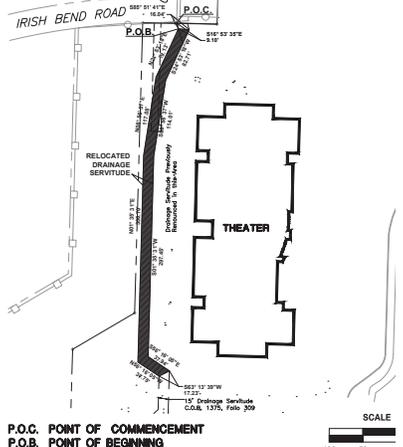
# TEC Professional Services Questionnaire

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. 9

<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>St. Tammany Parish Flood Risk Awareness</p> <p>St. Tammany Parish, LA</p> <p><b>Kelly Rabalais - CAO</b>  <b>St. Tammany Parish Government</b>                      21454 Koop Drive; Ste 2F                      Mandeville, LA 70471                      985.868.2445                      krabalais@stpgov.com</p>	<p>Civil Engineering</p> <p>After extreme flooding in St. Tammany Parish, the need for better flood risk products to support planning of regional drainage improvements projects and to improve emergency response during extreme weather. DDG with support from CE Hydro provided planning and modeling services to improve flood risk awareness. DDG identified an existing regional 2D HEC-RAS 5 model originally developed by USACE and significantly improved the model. The model was also calibrated for multiple events.</p>	
<b>Completion Date (Actual or Estimated):</b>	<b>Estimated Cost:</b>	
	Entire Project	Work for which firm was responsible
On Going Contract	\$170,000	\$164,700

## PROJECT NO. 10

<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>Kenner Renunciation Drainage Servitudes</p> <p>Kenner, LA</p> <p><b>Stinson, LLP</b>  <b>Dylan Fotiadis</b>                      1201 Walnut Street, Suite 2900                      Kansas City, MO                      816.691.2626</p>	<p>Survey</p> <p>DDG produced exhibits for the relocation of existing drainage and water servitudes. The relocation of the existing servitudes were approved by the City of Kenner but the new locations were never approved and granted. DDG did exhibits to located and show the new location of the servitudes to be approved.</p>	
<b>Completion Date (Actual or Estimated):</b>	<b>Estimated Cost:</b>	
	Entire Project	Work for which firm was responsible
On Going	\$1,200	\$1,200

# 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:	
N/A	N/A	N/A

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

110<sup>+</sup>

EMPLOYEES

15

STATES LICENSED

3,500<sup>+</sup>

PROJECTS COMPLETED

39

LICENSED PROFESSIONALS

7

OFFICE LOCATIONS

Duplantis Design Group (DDG) is a comprehensive design firm and is exceptionally experienced in managing all aspects of a development project. In the 25 years since our founding, our unwavering commitment to client service excellence has allowed us to grow into a multidisciplinary regional firm with over 110 full-time employees and 7 offices across South Louisiana, Texas, and Alabama - Thibodaux (headquarters), New Orleans, Covington, Baton Rouge, Lafayette, Houston and Mobile.

In addition to our design services, we also provide clients with conceptual site planning and master planning, site investigation reports, assisting with property acquisitions, representation at public hearings, permitting, entitlements, and construction administration. From the initial site assessment and due diligence through the project's substantial completion, DDG's team of design professionals pride themselves not only on the technical aspects of a project, but also on our ability to focus on exceeding a clients' expectations and providing top rated client satisfaction.

DDG is proud to help build the communities we call home. We understand the importance of complying with state, local, and federal rules and regulations throughout the life cycle of infrastructure projects. At DDG we know the political environment and funding sources so you can trust us to be your partner to get the job done right.

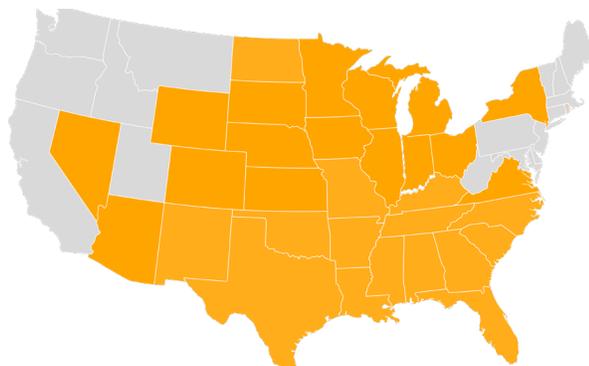
**For purposes of this solicitation, our Covington office will be the Principal office, with New Orleans and Thibodaux offices used as branch offices. Scott Tabary, DDG's New Orleans Office Lead, will serve as the Point of Contact.**

## WHAT WE DO

						
CIVIL ENGINEERING	ARCHITECTURE	LANDSCAPE ARCHITECTURE	SURVEYING	COASTAL + H&H ENGINEERING	WETLANDS + ENVIRONMENTAL	PROJECT MANAGEMENT

## 25 YEARS OF TOP RATED CLIENT SATISFACTION

With over 2 decades of service, we have found that providing tailored specific services to our clients, regardless of the project location, has resulted in a level of success that our clients have come to expect time and time again. As consultants, our thorough understanding of clients' policies, procedures, and protocols has eased the process of working with an extremely large number of different state and municipal codes and ordinances.



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

## WELL PLANNED + EXPERTLY EXECUTED

### PROJECT NEEDS, GOALS + PRIORITIES

DDG has a regimented project management process for each specific project. DDG Project Teams understand management roles throughout the project. DDG's personnel roles require specific technical and management criteria to be maintained and annual reviews to demonstrate management lessons learned throughout a calendar year. The roles are understood, and the Team seamlessly integrates this management to the project. As a result, effective and abundant communication is what keeps the team's interests aligned.

DDG always provides our best, award-winning design talent for our projects. Principal involvement on each project is critical throughout the planning process. Our project assignment strategies provide for this involvement, while experienced, capable project managers and a talented design team guide the day-to-day processes. Our staff size provides for mobilization of additional personnel as projects demand. DDG has the leadership, knowledge, and expertise to provide reliable and responsive service to your project. We realize it is important for all parties to understand the time schedule from day one, and we utilize our staff size, experience and workload to best suit the project. No matter where we work, our team is consistently creative, productive and collectively focused on exceeding client expectations.

### PROJECT SCHEDULE

Our firm has executed projects ranging in size from a construction value of tens of thousands of dollars to over \$120 Million. DDG's entire team is capable and experienced in delivering this project type and the scopes of work identified in the RFQ. We recognize that in order for our clients' projects to be successful, communication is of the utmost importance. We truly believe that communication is a "team sport" from understanding and communicating your goals and ideas during the project, to sharing design input with all parties involved, to working together with the contractor during construction. As a result, effective and abundant communication is what keeps the team's interests aligned. Fully leveraging the capacity of this team will be achieved based on an understanding of each individual's expertise, communication of roles and responsibilities, clear assignments, and establishing attainable project milestones.

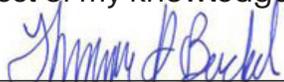
### CURRENT WORKLOAD + CAPACITY

In over 25 years since our founding, our unwavering commitment to excellent client service has allowed DDG to grow into a multi-disciplinary regional firm with seven offices and over 110 full time employees. DDG's team members span Thibodaux (headquarters), Baton Rouge, Covington, Lafayette, New Orleans, Mobile, and Houston. DDG's staff has the ability to handle projects of all types and sizes.

Fully leveraging the capacity of DDG's staff will be achieved on an understanding of each individual's expertise, communication of roles and responsibilities, clear assignments, and establishing attainable project milestones. With the key individuals who are assigned to this project backed by resources who are all Louisiana-based, we are dedicated to providing reliable, responsive service on this project. With a total Louisiana staff of 101 individuals, annual revenues of over \$19M, and with the ability to execute hundreds of projects each year, DDG will provide the leadership necessary to ensure the work is delivered on time, on budget, and to the quality expected by Jefferson Parish Government.

DDG has the staff resources available to assign team members to various projects and begin work immediately. At DDG, we pride ourselves on timely service and recognize that our clients' schedules are a fundamental and critical success factor for their projects - particularly when it involves grant monies with time constraints for expenditure. As a result, we realize it is important for all parties to understand the time schedule from day one, and we utilize our staff size, experience and workload to best suit the project schedule.

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

Signature:  Printed Name: Thomas H. Buckel, P.E.

Title: Vice President of Engineering Date: 3-23-22