



# Jefferson Parish

State of Louisiana

## Routine Engineering Services for Water Projects

SOQ No. 24-013

Jefferson Parish  
Purchasing Department  
200 Derbigny Street, Suite 6700  
Gretna, LA 70053

Statement of Qualifications (TEC Questionnaire)



H. Davis Cole &  
Associates, LLC

**Consulting Engineers**

Baton Rouge • New Orleans

## TEC Professional Services Questionnaire

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

### **Routine Engineering Services for Water Projects**

**SOQ No. 24-013**

**Resolution No. 144203**

**B. Firm Name & Address:**



**H. Davis Cole & Associates, LLC**

1340 Poydras Street, Suite 1850

New Orleans, LA 70112

**C. Name, title and contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana:**

H. Davis Cole, P.E.

Managing Member/ Principal Engineer

Phone: (504) 836-2020

Fax: (504) 836-2010

Email: hddcole@hdaviscole.com

**D. Name and contact information of employee who is a registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline.**

H. Davis Cole, P.E.

Managing Member/ Principal Engineer

Phone: (504) 836-2020

Fax: (504) 836-2010

Email: hddcole@hdaviscole.com

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

<u>2</u> Administrative	-- Estimators	-- Specification Writers
-- Architects (Licensed)	-- Geologists	-- Structural Engineers
-- Chemical Engineers	-- Geotechnical Engineers	-- Graduate Engineers
<u>2</u> Civil Engineers	-- Interior Designers	<u>1</u> Project Managers
<u>2</u> Construction Inspectors	-- Landscape Architects	-- Clerical
-- Ecologists	-- Land Surveyor	-- Grant/Funding Specialist
-- Electrical Engineers	-- Mechanical Engineers	-- Sanitary Engineers
-- Engineer Intern	-- Environmental Engineers	
-- Professional Land Surveyors		<u>7</u> 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. Not Applicable

2.

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

YES ☐ NO ☒ Not Applicable

**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. Not Applicable		
2.		
3.		
4.		
5.		

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

7 (The total number of employees available to contribute to the project from the Prime and Subconsultant Firms)

## 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 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 OR PROJECT:**

**Name & Title:**

**H. Davis Cole, P.E.**

*Managing Member/ Principal Engineer*

**Project Assignment:**

Civil Engineer; Principal -in-Charge

**Name of Firm with which associated:**



**Years' experience with this Firm:**

15 Years (2006)

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

BSCE, 1998, Civil & Environmental Engineering, Louisiana State University

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

2002, Civil Engineer, Louisiana, No. 30219

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

Mr. Cole founded H. Davis Cole & Associates, LLC in 2006 after serving several years with international, national, and local engineering firms. Mr. Cole has nearly two decades of experience working with various types of program management and civil engineering projects including wastewater, drainage, potable water, structural, and transportation improvement projects. Mr. Cole has served the Southeast Louisiana community for the past decade through his role as a Technical Advisor on many infrastructure improvement projects as well as the grant and program management of recovery programs following disasters. Mr. Cole's career has focused on providing civil and environmental engineering design solutions to municipal clients across the Gulf Coast.

#### **EXPERIENCE WITH JEFFERSON PARISH**

**N. Hullen Drainage Improvements, Jefferson Parish, LA.** HDCA provided professional design, bidding, and construction phase services to Jefferson Parish for the preparation of construction documents for drainage and roadway improvements on North Hullen Street. The improvements to the street included subsurface drainage capacity improvements between 7th Street and the West Esplanade Canal and a complete reconstruction of the existing roadway. Mr. Cole is served as the project manager for the project. (2022)

**Brown Avenue Canal Improvements, Jefferson Parish, LA.** HDCA designed improvements to the area surrounding Brown Avenue on the West Bank of Jefferson Parish. Improvements to the area included the enclosure of the Brown Avenue Canal utilizing approximately 1,125 linear feet of 96" reinforced concrete pipe arch as well as cold-planing segments of the existing Brown Avenue and overlaying with new asphalt. Upon completion of the construction of the first phase of the project, Jefferson parish increased the scope of the project to include the remaining section of Brown Avenue for improvements. Construction of Phase II of the project was completed in 2023 and Construction of Phase III, which will complete closure of the canal is underway. Mr. Cole was project manager for the project. (on-going)

**Improvements to the Ehret & Broas Lift Station (L-13-6), Jefferson Parish, LA.** HDCA is providing design, permitting, bid phase, and construction phase services related to the restoration of functionality at the existing lift station on the west bank of Jefferson Parish. The existing station is to be demolished and replaced with a new, relocated station. The new station includes a wet well, valve pit, control panel, and emergency pump out, along with submersible pumps and Variable Frequency Drives (VFDs). Mr. Cole is serving as Project Manager for the design of the project. (ongoing)

**New Avondale Library, Jefferson Parish, Louisiana.** HDCA is serving as a subconsultant to N-Y Associates for the design of a new library branch for Jefferson Parish. The new library will be located in the Avondale area of Jefferson Parish's west bank. HDCA's role in



## TEC Professional Services Questionnaire

**H. Davis Cole, P.E.**

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the project included the structural engineering, foundation design, and civil/site design. The project is currently in the final stages of construction. (ongoing)

**Bayou Segnette Drainage Pump Station Improvements, Jefferson Parish, LA.** HDCA provided engineering services for improvements to the Bayou Segnette Drainage Pump Station No. 1. Improvements to the existing pump station included the construction of a catwalk system to connect the pump station building to the proposed new access bridge; demolition of the existing stationary bar racks upstream; construction of a new "Waskey" type bridge; installation of catenary type mechanical trash rack system; and required electrical and control facilities to support proposed improvements. HDCA was responsible for overall project management and design of all elements related to the mechanical trash rack system. The project is complete and Mr. Cole is served as the project manager. (2022)

**Old Harvey Neighborhood Revitalization Study, Jefferson Parish, LA.** HDCA, as a part of a Joint Venture - Villavaso-HDCA, LLC, provided Jefferson Parish with a comprehensive revitalization assessment and conceptual plan for improvements to the Old Harvey neighborhood on the Westbank. The intent of the study was to identify the drivers of the area's blighted condition and develop a plan for revitalizing the area to better serve the vibrant, diverse community and spearhead economic growth. HDCA's role focused on community engagement and addressing existing infrastructure deficiencies to accommodate future growth. Public infrastructure improvement recommendations included drainage projects (capacity and canal safety/aesthetics), sewer improvements projects (capacity, elimination of overflow and backups), water improvement projects (capacity, larger water mains to encourage industrial/business development); and roadway improvement projects (traffic flow and access to areas of the community). Additional elements HDCA studied include improving environmental quality concerns, community facilities, recreational facilities, community safety, as well as potential funding sources and programs for the implementation of the recommendations. Mr. Cole served as the Principal Engineer on the study. (2022)

**Ames Boulevard Resurfacing (4th Street to West Bank Expressway), Jefferson Parish, LA.** HDCA provided construction administration and resident inspection services for the milling and overlaying of the existing 4-lane asphalt roadway in Jefferson Parish. The project also included asphalt patching, curb and gutter replacements, and the replacement of existing handicap ramps with ADA-compliant ramps. Mr. Cole served as technical advisor over the course of construction. (2021)

**Improvements to "Rheem" Building, Department of Drainage, Jefferson Parish, LA.** HDCA prepared plans and specifications for modifications to the Drainage Department's Yard Facility on the East Bank. Improvements included the addition of a dormitory and staging area for staff during emergency operations. Mr. Cole served as a Technical Advisor for the project, overseeing overall design of the improvements, as well as construction. The build-out was successfully constructed and is currently in-use. (2020)

**Evaluation and Repair of "Price Brothers" Force Mains, Jefferson Parish, LA.** HDCA provided engineering design and construction phase services for detailed evaluations of pre-stressed concrete cylinder pipe (PCCP) pipelines throughout Council Districts 1, 2, 3, and 4 in Jefferson Parish. These pipelines, alternatively referred to as "Price Brothers" pipe, are prone to rupture and present a potentially serious maintenance liability. HDCA evaluated various technologies and developed contract documents for an "as-needed", work-order basis evaluation program utilizing CCTV, electromagnetic, acoustic, and other evaluation techniques. Mr. Cole served as Technical Advisor. (2020)

**Rehabilitation of the Jonathan Davis Wastewater Treatment Plant, Department of Sewerage, Jefferson Parish, LA.** HDCA provided technical services for the complete structural, mechanical, and electrical rehabilitation of the Jonathan Davis Wastewater Treatment Plant in Lafitte, LA. The existing plant, a 1980s-vintage "Omega Type" Package Plant was to be replaced with a new state-of-the-art sequencing batch reactor plant and the existing effluent discharge into Bayou Barataria to be abandoned in favor of a new wetlands assimilation effluent discharge. Design of the new plant and effluent pump station has been completed however has not been slated for construction. Mr. Cole served as Technical Advisor. (2019)

**Rehabilitation of the Harvey Wastewater Treatment Plant, Department of Sewerage, Jefferson Parish, LA.** HDCA provided design, bidding, and construction administration services for the construction of improvements at the existing Harvey Wastewater Treatment Plant including construction of a new 107-foot diameter elevated trickling filter and rehabilitation of the existing trickling filter pump station. HDCA provided mechanical design of the new filter, yard piping modifications, site work, and overall project management. The new trickling filter was designed to treat up to 28 million gallons per day of sewage and contains over 108,000 cubic feet of polypropylene "random dump" type media and includes a 107" diameter hydraulically driven or "reaction-type" rotary distributor. Mr. Cole served as a technical advisor during the design phase and led construction administration efforts. (2016)

**Clearview Parkway / Earhart Expressway Interchange and Surrounding Areas Drainage Study, Jefferson Parish Department of Drainage, Jefferson, LA.** Mr. Cole, as Principal Engineer, oversaw the hydraulic modeling and engineering activities associated with this significant hydraulic evaluation effort aimed at solving recurring flooding issues associated with the Clearview Parkway/Earhart Expressway Interchange and the surrounding Elmwood area. For this, a hydraulic model was developed using PCSWMM modeling software for the approximate 70 acre drainage basin. Using the hydraulic model, many alternatives aimed at relieving the recurring flooding problems were evaluated. Recommendations included a series of storm water detention ponds within the interchange, a new 300 cubic foot per second drainage pumping station, and major improvements to St. Peters Ditch all totaling approximately \$30 M. (2006)

## TEC Professional Services Questionnaire

**H. Davis Cole, P.E.**

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**Evaluation of Canal No. 10, Jefferson Parish Department of Drainage, Jefferson, LA.** For this effort, a hydraulic and physical evaluation of Canal No. 10 located in the northern portion of Kenner, Louisiana was conducted. Specifically, slope stability of the existing canal banks and hydraulic capacity of the existing canal were assessed. Given these parameters, recommendations were made to restore the canal to its required hydraulic capacity while stabilizing areas where slope stability was an issue. (2006)

**Willswood Lane Roadway Improvements, Jefferson Parish Department of Streets, Jefferson, LA.** This project involved the design of an addition of a third turning lane to this roadway. Also included were redesign of the roadway drainage systems, redesign of a railroad crossing, and permitting and coordinating with the railroad and various utilities. The construction cost opinion for the project was \$1.9 M. Mr. Cole served as the Principal Engineer. (2006)

**Lapalco Boulevard Overlay – Belle Chasse Highway to Wall Boulevard, Jefferson Parish Department of Streets, Jefferson, LA.** Mr. Cole served as the Principal Engineer for the construction phase of this project which involved roadway improvements, in accordance with DOTD standards, for a 0.6 mile 4-lane segment of Lapalco Boulevard. Included were pavement repairs, addition and adjustment of drainage structures, curb and gutter replacements, and approach slab replacements. Provision and oversight of DOTD Certified Inspectors was also within the scope of the project. The project construction cost was \$1.1 M. (2004)

**Lapalco Boulevard Overlay – Wall Boulevard to Timberlane Drive – Jefferson Parish Department of Streets, Jefferson, LA.** Mr. Cole served as the Principal Engineer for the design phase of this project. This project involves the design of roadway improvements, in accordance with LADOTD standards, for a 0.5 mile long, 4-lane segment of Lapalco Boulevard including pavement repairs, addition and adjustment of drainage structures, curb and gutter replacements, and approach slab replacements. The construction cost opinion was \$1.8 M. (2004)

**Lapalco Boulevard Overlay – Bayou Fatma to Brooklyn Avenue, Jefferson Parish Department of Streets, Jefferson, LA.** Mr. Cole served as the Principal Engineer for the design phase of this project which involves the design of roadway improvements, in accordance with LADOTD standards, for a 0.3 mile long, 4-lane segment of Lapalco Boulevard including: pavement repairs, addition and adjustment of drainage structures, and curb and gutter replacements. The construction cost opinion was \$1.7 M. (2004)

**West Bank Water Treatment Plant Filter Upgrade, Jefferson Parish Department of Water, Marrero, LA.** This project involved the replacement of existing sand media with a dual media (sand and anthracite), replacement of existing ceramic underdrains with plastic underdrains, replacement of filter-wash troughs, extension of filter gullet walls, and removal and replacement of the existing surface backwash system with a new air-scour backwash system at a 30 MGD surface water treatment plant. Also included was integration of the new filter backwash control system into the existing plant SCADA system. Mr. Cole served as the Project Engineer during the construction phase of the project. (2003)

**Marrero Wastewater Treatment Plant Consolidated Expansion, Jefferson Parish Department of Sewerage, Jefferson, LA.** Mr. Cole served as the Project Engineer on this project that involved designing a \$17 M, 4.85 million gallon per day expansion to a wastewater treatment plant located on the West Bank of Jefferson Parish in the community of Marrero, LA. Additional process units were designed including a trickling filter, solids contact basin, and primary and secondary clarifiers. Extensive modifications to the existing headworks, including new mechanical barscreens and a vortex grit removal system as well as a headworks bypass line, were designed as part of the proposed expansion. Also included in the design was expansion of odor control facilities to accommodate the additional unit processes. (2003)

### **WATER SUPPLY, TREATMENT, AND DISTRIBUTION**

**DWRLF Waterline Replacement Project, (DWRLF 3.0), St. Bernard Parish, LA.** HDCA personnel provided construction administration and resident inspection services to St. Bernard Parish for the duration of construction on a new 8" water line to replace existing waterlines on Fazzio Road, Culotta Street, Trio Street, and Victor Street as well as along LA Highway 46 in eight locations. Mr. Cole served as the project manager overseeing construction of the project. (2023)

**Fair Grounds Race Track, Churchill Downs Louisiana Horseracing Company, New Orleans, LA.** HDCA is providing the New Orleans Fair Grounds Race Track with professional engineering services related to the domestic water/wastewater/drainage systems at the racetrack to support their compliance efforts with local utilities. Mr. Cole is serving as Technical Advisor for the project and also assisting with construction phase services. (ongoing)

**Ferriday Water System Renovations, Town of Ferriday, LA.** HDCA developed construction documents for the renovation of the Town of Ferriday's existing water distribution system. The existing waterlines were aging and found to be undersized. HDCA developed plans and specifications to replace 14,995 lf of waterlines with a minimum of 6" waterlines throughout the town as well as replacement of the existing fire hydrants. Mr. Cole served as Principal Engineer for the design phase of the project. (2021)

**Chalmette Vista Waterline Replacement (DWRLF 2.6), St. Bernard Parish, LA.** This project, funded by the Drinking Water Revolving Loan Fund, replaced 11,750 lf of existing waterline located throughout the Chalmette Vista subdivision in St. Bernard Parish. Water lines replaced include portions of the following Chalmette Vista streets: W. Claiborne Square, Pakenham, Keane, Carmack, Carolina, Carrol, E. Chalmette and Old Hickory. Other components of the project include the replacement of approximately 40 fire hydrants, tying in existing services, and replacing gate valves. Additionally, 70 of the 261 services in the subdivision will receive new meter boxes. Mr.

## TEC Professional Services Questionnaire

**H. Davis Cole, P.E.**

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Cole provided design phase services and served as the Technical Advisor for the duration of this project. (2020)

**West Point Development – Veterans Housing Site Design, New Orleans, LA.** HDCA provided site design services for the development of a new housing development to benefit veterans of the United States Military in New Orleans. The development, which is to be situated on nearly 8 acres, will consist of 9 buildings with 30 apartment units each, as well as a 5,000 sq ft administration building and 288 parking spots. HDCA prepared the formal drainage calculations and Stormwater Management Plan required to be submitted to the City of New Orleans as required for compliance with the City of New Orleans Stormwater Management Ordinance. Additional services included the development of civil and site construction documents which will consist of a site plan, grading and drainage plan, paving plan, sewer plan, water service plan, electrical plan, and associated detail drawings necessary for permitting and construction. Due to the large size of the development, HDCA was responsible for the design of the required on-site stormwater retention facilities. HDCA also prepared a SWPP, Notice of Intent (NOI), and all additional permits required for coverage under the LDEQ LAR100000 permit. Mr. Cole served as Technical Advisor for the firm's design services. (2021)

**Comprehensive Water System Rehabilitation, Town of St. Joseph, LA.** HDCA provided design, bid phase, and construction administration services for this fast-tracked project funded by State of Louisiana Capital Outlay Program funds. HDCA developed plans and specifications for a comprehensive replacement of the town's water distribution system, including new pipelines, meters, fire hydrants, and other ancillary improvements. HDCA was also retained by the Town to provide design and construction administration services for five separate construction projects at the water treatment plant to provide the Town with a completely rehabilitated water treatment facility. Work at the plant included a new ductile iron and manganese pressure filter, a new activated iron solids precipitation system, new wells, rehabilitation of the existing iron and manganese pressure filter, and the complete assembly and startup of the plant. Mr. Cole served as Technical Advisor for the project. Construction of the project was recently completed, and the Emergency Declaration in St. Joseph has been lifted. (2018)

**Ascension Parish Booster Disinfection Stations, Ascension Parish, Department of Utilities, LA.** HDCA assisted Ascension Parish Government in selecting appropriate locations for the installation of two (2) chloramine residual booster stations within the Parish's water system on the West Bank of Ascension Parish. HDCA provided layouts for the proposed "package" type Booster Stations, along with mechanical and electrical drawings and construction documents. HDCA also provided Bid Phase and Construction Phase Services. Mr. Cole served as Technical Advisor for the project. (2016)

**Water Tank Design Review, University Medical Center, New Orleans, LA.** HDCA is providing engineering review services of the design and operation of an existing 1 million gallon ground surface water storage tank system currently installed., as applicable. HDCA will also provide recommendations for any required mechanical modifications to the facility. Mr. Cole served as the project manager and prepared hydraulic calculations and design recommendations for the report. (2015)

**St. Bernard Water Treatment Plant, Department of Water and Sewer, St. Bernard Parish, LA.** The project Included the complete mechanical and electrical reconstruction and expansion of 12 million gallon per day (MGD) surface water treatment plant. HDCA served as a subconsultant to BKL responsible for site improvements and drainage design. This project was funded by LCDBG Grants. HDCA also assisted in Construction Administration efforts. Mr. Cole served as Technical Advisor/Client Services Manager. (2010)

**Jackson County Water Treatment Plant, Jackson County, MS.** This project involved designing chemical feed systems, an ozone system, and a filtration system for a new 7 MGD water treatment plant in Jackson County, MS. As Project Engineer, Mr. Cole designed sodium hypochlorite, aqueous ammonia, zinc, orthophosphate, sodium bisulfite, and anionic polymer feed systems for the treatment plant. (2009)

**Water Well Disinfection Alternatives Feasibility Study, City of Slidell Department of Public Utilities, Slidell, LA.** Mr. Cole, as Project Engineer, prepared a report that evaluated six alternatives for disinfection of the City's groundwater. Alternatives were evaluated based on several criteria: capital costs, life-cycle costs, safety, and required maintenance. (2005)

**Water Well No. 9, Department of Public Utilities, City of Slidell, LA.** The project involved design, bid, permitting, and construction management services for a new 1,500 GPM, 2,000- foot deep groundwater well, standby generator system, chlorination system, and SCADA control system. Mr. Cole served as Project Manager for the duration of the project. (2005)

**Northshore Boulevard Utilities Extension, Department of Public Utilities, City of Slidell, LA.** This project served to extend the water and sewer utilities along a major roadway in the City of Slidell, LA. Facilities included a new sewer pump station and force main, water and sewer line extensions, jack-and-bore installation of water and sewer lines beneath Interstate 12, and a provision of a SCADA control system for control of water distribution. The facilities were provided to accommodate a new shopping center development along Northshore Boulevard at I-12. Mr. Cole served as the Project Manager for the project during the design, permitting, bidding, and construction phases of the project. (2003)

## TEC Professional Services Questionnaire

<b>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 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.</b>
<b>PROFESSIONAL IN CHARGE OR PROJECT:</b>
<b>Name &amp; Title:</b>
<b>Michael P. "Mike" D'Angelo, P.E., PLS</b> <i>Supervising Engineer / Project Manager</i>
<b>Project Assignment:</b>
Civil Engineer
<b>Name of Firm with which associated:</b>
 <b>H. Davis Cole &amp; Associates, LLC</b>
<b>Years' experience with this Firm:</b>
2 (2022 - Present)
<b>Education: Degree(s)/Year/Specialization:</b>
Bachelor of Science, 1993, Civil Engineering, Louisiana State University Bachelor of Science, 1984, Petroleum Engineering, Louisiana State University
<b>Active Registration: Year first registered/discipline:</b>
Professional Engineer (PE) (Louisiana) - No. 25888 Professional Land Surveyor (PLS) (LA) - No. 4949
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. D'Angelo is a Senior Project Manager whose main responsibility is to develop construction drawings, technical specifications, contract bid documents, and construction cost estimates for civil engineering infrastructure projects. Mr. D'Angelo has design and construction administration / management experience in projects involving levees, floodgates, street / drainage improvements, transmission pipelines, water and sewerage pump stations, water and gas distributions systems, gas metering / regulator stations, SCADA systems, water storage tanks, storm water pump stations, and sewerage collection and treatment systems. The majority of the civil projects designed and managed by Mr. D'Angelo have been for public entities within the State of Louisiana.</p> <p><b>GENERAL EXPERIENCE</b></p> <p><b>Roadway and Drainage Improvements, Department of Public Works, City of New Orleans, LA</b></p> <p>Mr. D'Angelo was responsible for the design and development of construction drawings, technical specifications, and construction cost estimates for the reconstruction of over twenty-five (25) blocks of municipal streets within the City of New Orleans, LA for their Department of Public Works. The streets were split into two (2) separate projects for bidding purposes with each project estimated to cost approximately \$5M. The projects involved stormwater system design utilizing HYDR6020 software developed by the LA Department of Transportation and Development (LDOTD) as well as the design of water and sewer system improvements for the Sewerage and Water Board of New Orleans (SWBNO). The streets were reconstructed with surfaces consisting of unreinforced concrete or asphalt. Additionally, the streets were designed with various types of handicap ramps to meet American Disability Act (ADA) requirements, and new sidewalks were an integral part of the reconstruction. Project funding was provided in part by the Federal Emergency Management Administration (FEMA) so they provided specific requirements for the drawings, technical specifications, and construction cost estimates that were developed at the various design phases.</p> <p><b>COVID Memorial Park / Farmer's Market / Splashpad, Jefferson Parish Department of Capital Projects, Jefferson Parish, LA</b></p> <p>Mr. D'Angelo is leading the HDCA team for the civil and structural design of elements of this \$6.5 million project within Jefferson Parish Council District No. 3. Through leveraging funding dedicated for health improvements along with American Rescue Plan Act (ARPA) funding, HDCA was instrumental from the conceptual planning phases through 100% design completion for this fast-tracked project in Marrero, LA. The new park / farmer's market / splash pad will serve a historically under-served community on the westbank of Jefferson Parish, LA. Mr. D'Angelo is leading HDCA's efforts to coordinate with architects and other specialty disciplines to bring this project to public bid before the end of 2022. HDCA is responsible for all civil / site improvements and structural design of foundations for the splash pad and other elements of the entire complex.</p>



## TEC Professional Services Questionnaire

**Michael P. "Mike" D'Angelo, P.E., PLS**

continued

### **Natural Gas Metering / Regulating Stations, City of Alexandria, LA (SCADA)**

Prepared plans indicating the design of Supervisory

Control and Data Acquisition (SCADA) systems for several natural gas metering / regulating stations that were constructed. The plans indicated the various parameters such as gas flow rate, pressure, and temperature that were to be telemetered to a manned gas control center for 24 hour observation of a station's operating status.

### **Brashear Avenue and LA Highway 70 Drainage Improvements Project, City of Morgan City, LA**

Mr. D'Angelo was the Project Engineer / Manager for the design and construction for the installation of pre-cast concrete arches ranging in size from 12' x 4' to 24' x 6' in an existing earthen canal, cast-in place concrete foundation, various sizes of bituminous coated corrugated metal pipe, removal of existing drainage structures, utility relocations, and concrete headwalls and wingwalls. This project involved the use of LDOTD hydraulic software, HYDR6020, to compute drainage pipe sizes.

### **Bayou Chene Floodgate & Bayou Teche Floodgate, St. Mary Levee District, LA**

Mr. D'Angelo led the design of the operating system and ballasting system for each of these separate steel swing barge Floodgates. The ballasting systems consisted of electrical submersible pumps as well as above-deck centrifugal pumps. The operating system of each floodgate that facilitated the opening and closing of each floodgate used hydraulically powered cable winches. Other aspects of the design included the use of natural gas and diesel generators. The Bayou Chene Floodgate is over 400' in length, and was installed to prevent backwater flooding to areas that normally flooded when the Morganza Spillway was opened to divert "flood stage levels" of water from the Mississippi River to the Atchafalaya River in the spring season. Prepared construction cost estimates for both of these Projects which were estimated at \$80M for the Bayou Chene Floodgate (includes Floodwall and Receiving Structure), and \$15M for the Bayou Teche Floodgate (includes Floodwall and Receiving Structure).

## **WATER SUPPLY, TREATMENT, AND DISTRIBUTION**

### **Water Improvements Along Estalote Avenue (Westbank Expressway to Lester Avenue), JPPW Project No. 2023-022-WRB, Jefferson Parish, LA**

The project consists of installing new waterlines along Estalote Avenue from the Westbank Expressway to Lester Street, including all service lines, valves, hydrants, all other related fittings, and removal and replacement of roadway as necessary. The construction cost for this proposed project is approximately \$4 million. HDCA is the prime design engineer for the project is providing design, bidding, construction management, and resident inspection for the project. Design of the project is currently approximately 90% complete. Mr. D'Angelo is providing design, cost estimation, and overall quality control for the project.

### **Waterline Improvements at Jefferson Heights Neighborhood (S. Labarre Rd., Claiborne Ave. & Lausac St.), JPPW Project No. 2023-011B-WRB, Jefferson Parish, LA**

The project includes the installation of new waterline along S. Labarre Road, Claiborne Avenue and Lausac Street, including new service lines, hydrants, valves, all other related fittings and incidentals, and removal and replacement of roadway as necessary. Also included in this project is the design and permitting of waterline crossings of a major railway corridor featuring three (3) separate railroad companies. The construction cost for this proposed project is approximately \$5.0 million. HDCA is the prime design engineer for the project is providing design, bidding, construction management, and resident inspection for the project. Design of the project is currently approximately 70% complete. Mr. D'Angelo is providing design, cost estimation, and overall quality control for the project.

### **Waterline Improvements Along 31ST Street (Phoenix St. and Duncan St.), JPPW Project No. 2023-029-WRB, Jefferson Parish, LA**

The project includes the installation of new waterline along 31st Street between Phoenix Street and Duncan Street, including new service lines, hydrants, valves, all other related fittings and incidentals, and removal and replacement of roadway as necessary. The construction cost for this proposed project is approximately \$3.5 million. HDCA is the prime design engineer for the project is providing design, bidding, construction management, and resident inspection for the project. Design of the project is currently approximately 70% complete. Mr. D'Angelo is providing design, cost estimation, and overall quality control for the project.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT</b>
<b>Name &amp; Title:</b>
John Sonnier <i>CADD Designer / Construction Inspector</i>
<b>Project Assignment:</b>
Civil Designer
<b>Name of Firm with which associated:</b>
 <b>H. Davis Cole &amp; Associates, LLC</b>
<b>Years' experience with this Firm:</b>
1 (2023)
<b>Education: Degree(s)/Year/Specialization:</b>
B.S., Civil & Environmental Engineering, University of New Orleans ( <i>in progress</i> )
<b>Active Registration: Year first registered/discipline:</b>
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Sonnier is a civil engineering student who serves as a full-time member of the Engineering Design team and assists with the creation of design documents for a wide variety of infrastructure projects. Mr. Sonnier is skilled in AutoCAD, as well as the Adobe Creative Suite of programs. Mr. Sonnier also serves as a Construction Inspector for HDCA.</p> <p><b>GENERAL EXPERIENCE</b></p> <p><b>New River Tilting Weir, Ascension Parish Government, Gonzales, LA.</b></p> <p>HDCA designed, bid, and oversaw construction (including Resident Inspection) of a new, \$2.0 million tilting weir structure along the New River in Gonzales, LA. The structure allows for the water level in the New River to be adjusted according to weather forecasts and emptied when dredging activities dictate. A SCADA system was also installed to allow for remote monitoring and operation of the facility. Mr. Sonnier served as the Resident Inspector during the construction phase of this project.</p> <p><b>Lurline Drive Drainage Improvements, City of Covington, Louisiana.</b></p> <p>HDCA designed, bid, and oversaw construction (including Resident Inspection) of installation of approximately 0.3 miles of subsurface drainage lines, including complete reconstruction of the concrete roadway. The project cost approximately \$1.25 million. Mr. Sonnier served as the Resident Inspector during the construction phase of this project.</p> <p><b>Louisiana National Guard, Bridge Crew Member, State of Louisiana</b></p> <p>Mr. Sonnier continues to serve in the Louisiana National Guard as a Specialist (E-4) as a Bridge Crew Member (12 C). His duties and skills are as follows:</p> <ul style="list-style-type: none"><li>- Useful knowledge of demolitions and how to practice them in a safe setting</li><li>- Maintaining updated knowledge on all military-operated machines and life-saving vehicles</li><li>- Trained in combat positions</li><li>- Certified in planning, restrictions, and deployment of temporary bridges</li><li>- Able to maintain and operate heavy equipment</li><li>- Licensed as an Instructor, Evaluator, and Master Driver on all heavy equipment</li><li>- Fill out work orders regarding repairs needed.</li><li>- Served in every major hurricane affecting Louisiana since 2014</li><li>- Able to work in extremely high stress environments</li><li>- Able to confidently work with all aspects and backgrounds of people</li></ul>

## TEC Professional Services Questionnaire

**John Sonnier**  
*continued*

### **WATER SUPPLY, DISTRIBUTION, AND TREATMENT**

#### **Water Improvements Along Estalote Avenue (Westbank Expressway to Lester Avenue), JPPW Project No. 2023-022-WRB, Jefferson Parish, LA**

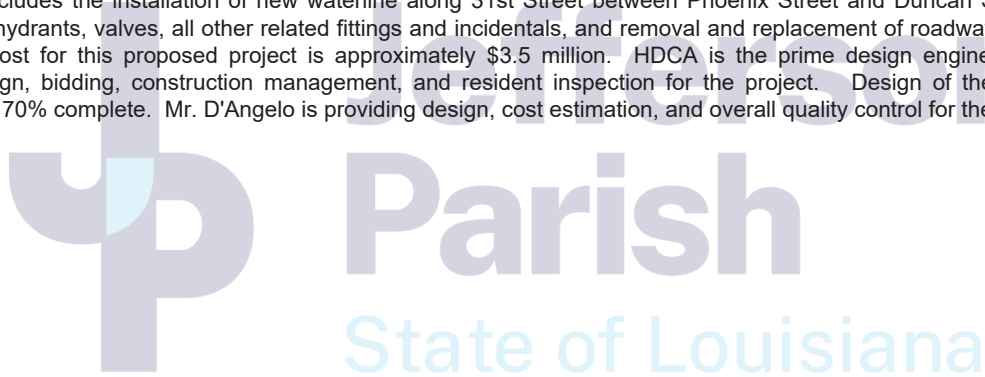
The project consists of installing new waterlines along Estalote Avenue from the Westbank Expressway to Lester Street, including all service lines, valves, hydrants, all other related fittings, and removal and replacement of roadway as necessary. The construction cost for this proposed project is approximately \$4 million. HDCA is the prime design engineer for the project is providing design, bidding, construction management, and resident inspection for the project. Design of the project is currently approximately 90% complete. Mr. D'Angelo is providing design, cost estimation, and overall quality control for the project.

#### **Waterline Improvements at Jefferson Heights Neighborhood (S. Labarre Rd., Claiborne Ave. & Lausat St.), JPPW Project No. 2023-011B-WRB, Jefferson Parish, LA**


The project includes the installation of new waterline along S. Labarre Road, Claiborne Avenue and Lausat Street, including new service lines, hydrants, valves, all other related fittings and incidentals, and removal and replacement of roadway as necessary. Also included in this project is the design and permitting of waterline crossings of a major railway corridor featuring three (3) separate railroad companies. The construction cost for this proposed project is approximately \$5.0 million. HDCA is the prime design engineer for the project is providing design, bidding, construction management, and resident inspection for the project. Design of the project is currently approximately 70% complete. Mr. D'Angelo is providing design, cost estimation, and overall quality control for the project.

#### **Waterline Improvements Along 31ST Street (Phoenix St. and Duncan St.), JPPW Project No. 2023-029-WRB, Jefferson Parish, LA**

The project includes the installation of new waterline along 31st Street between Phoenix Street and Duncan Street, including new service lines, hydrants, valves, all other related fittings and incidentals, and removal and replacement of roadway as necessary. The construction cost for this proposed project is approximately \$3.5 million. HDCA is the prime design engineer for the project is providing design, bidding, construction management, and resident inspection for the project. Design of the project is currently approximately 70% complete. Mr. D'Angelo is providing design, cost estimation, and overall quality control for the project.



## TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT
<b>Name &amp; Title:</b>
John Baucum <i>Construction Manager</i>
<b>Project Assignment:</b>
Resident Project Representative
<b>Name of Firm with which associated:</b>
 <b>H. Davis Cole &amp; Associates, LLC</b>
<b>Years' experience with this Firm:</b>
13 (2011)
<b>Education: Degree(s)/Year/Specialization:</b>
A.A., 2021, Business Administration, Pearl River Community College ASCE Construction Engineering Certificate Program (CERCE17)
<b>Active Registration: Year first registered/discipline:</b>
Traffic Control Supervisor & Technician Certification, ATSSA, 2018
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Baucum is an experienced water &amp; sewer operator, with advanced knowledge of many aspects of public works construction. Mr. Baucum serves as a Construction Manager for HDCA, responsible for Construction Phase Services and Resident Inspection in support of design activities. Mr. Baucum's breadth of knowledge is evident in both his communications in the field and astute reporting of observations.</p> <p><b>EXPERIENCE WITH JEFFERSON PARISH</b></p> <p><b>Brown Avenue Canal Improvements, Jefferson Parish, LA.</b> HDCA is designing improvements to the area surrounding Brown Avenue on the West Bank of Jefferson Parish. Improvements to the area included the enclosure of the Brown Avenue Canal utilizing approximately 1,125 linear feet of 96" reinforced concrete pipe arch as well as cold-planing segments of the existing Brown Avenue and overlaying with new asphalt. Upon completion of the construction of the first phase of the project, Jefferson parish increased the scope of the project to include the remaining section of Brown Avenue for improvements. Phase II of the project was successfully bid and construction began in early 2021. Mr. Baucum is assisting with construction management of the project.(ongoing)</p> <p><b>Improvements to "Rheem" Building, Department of Drainage, Jefferson Parish, LA.</b> HDCA prepared plans and specifications for modifications to the Drainage Department's Yard Facility on the East Bank. Improvements included the addition of a dormitory and staging area for staff during emergency operations. Mr. Baucum also provided Resident Inspection Services periodically throughout construction of the project. Construction has been completed and the facility is now in-use. (2020)</p> <p><b>Sewer Lift Station L12-3 Rehabilitation, Department of Sewerage, Jefferson Parish, LA.</b> HDCA was selected to provide engineering analysis and design of a relocated lift station to replace an obsolete station currently in operation. The new station is a triplex station with three 100 HP submersible sewage-handling pumps. HDCA prepared bid documents for the new station and associated piping modifications. The overall station capacity is 3100 GPM. Construction cost was \$1.4 M and the project was completed successfully. Mr. Baucum served as Resident Project Representative. (2013)</p> <p><b>WATER SUPPLY, TREATMENT, AND DISTRIBUTION</b></p> <p><b>Chalmette Vista Waterline Replacement, St. Bernard Parish, LA.</b> This project, funded by the Drinking Water Revolving Loan Fund, replaced 11,750 lf of existing waterline located throughout the Chalmette Vista subdivision in St. Bernard Parish. Water lines replaced include portions on the following Chalmette Vista streets: W. Claiborne Square, Pakenham, Keane, Carmack, Carolina, Carrol, E. Chalmette and Old Hickory. Other components of the project included the replacement of approximately 40 fire hydrants, tying in existing services, and replacing gate valves. Additionally, 70 of the 261 services in the subdivision received new meter boxes. Mr. Baucum served as construction manager and assisted with resident inspection services for the construction phase of this project. (2020)</p>



## TEC Professional Services Questionnaire

**John Baucum**  
*continued*

**Hurricane Recovery Administrative and Program Management, Department of Public Works, St. Bernard Parish, LA.** Mr. Baucum was recently added to the Program Management team to provide Resident Inspection Services for FEMA- and EDA-funded construction projects in St. Bernard Parish. HDCA has provided Program Management services to the Parish as they recover from Hurricanes Katrina and Rita since 2007. Mr. Baucum was brought in to the project at St. Bernard Parish's request to assist with the construction phase of the remaining recovery projects. Projects in which Mr. Baucum has provided inspection services include canal crossings and work at a damaged water tower. (2021)


**Comprehensive Water System Rehabilitation, Town of St. Joseph, LA.** HDCA provided design, bid phase, and construction administration services for this fast-tracked project funded by State of Louisiana Capital Outlay Program funds. HDCA developed plans and specifications for a comprehensive replacement of the town's water distribution system, including new pipelines, meters, fire hydrants, and other ancillary improvements. HDCA was also retained by the Town to provide design and construction administration services for five separate construction projects at the water treatment plant to provide the Town with a completely rehabilitated water treatment facility. Work at the plant included a new ductile iron and manganese pressure filter, a new activated iron solids precipitation system, new wells, rehabilitation of the existing iron and manganese pressure filter, and the complete assembly and startup of the plant. Mr. Baucum provided field observations in support of design efforts and limited construction inspection services in support of Construction Administration efforts. Construction of the project was recently completed and the Emergency Declaration in St. Joseph has been lifted. (2018)

**Old Spanish Trail Waterline Replacement, Department of Public Works, St. Charles Parish, LA.** Mr. Baucum served as a Construction Inspector for this water distribution infrastructure project which involved the replacement of an 8 inch ductile iron water distribution pipe with a new 12 inch PVC C-900 water distribution line. Mr. Baucum's responsibilities included tracking of job quantities (pipe, fittings, service taps, and drive & roadway reconstruction), capture of images depicting the progress of the work, overall observation of construction quality, and liaison between the owner, contractor, and other stakeholders. (2011)

**Water/Wastewater Operator, Southwest Water Company, Pearl River County, MS.** Mr. Baucum served as an operator during transition from City operation to County operation. He was responsible for daily operations of the water distribution and wastewater collection systems, including laboratory activities and maintenance of compliance paperwork including discharge monitoring reports for several municipalities in Mississippi.

**Water/Wastewater Operator, City of Picayune, MS.** Mr. Baucum served as an operator for the City, responsible for operation and maintenance of the water and wastewater systems, including oversight of 58 sewer lift stations and 28 sewer "grinder" stations.

## TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT
<b>Name &amp; Title:</b>
Jason Guy Construction Project Manager ( <i>Contractor</i> )
<b>Project Assignment:</b>
Construction Phase Services
<b>Name of Firm with which associated:</b>
 <b>H. Davis Cole &amp; Associates, LLC</b>
<b>Years' experience with this Firm:</b>
<i>Contractor</i> (Since 2015)
<b>Education: Degree(s)/Year/Specialization:</b>
B.S., 1995, Civil Engineering, Louisiana State University
<b>Active Registration: Year first registered/discipline:</b>
Not Applicable
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Guy has a Bachelor of Science degree in Civil Engineering and over two decades of experience providing construction management, program management, estimating, quality control, surveying and design service for governmental and municipal infrastructure projects. He specializes in the construction administration of general municipal and private projects and has participated in the design of a wide variety of projects. Mr. Guy has been instrumental in the successful construction management of federally funded projects including the recovery efforts following Hurricanes Katrina &amp; Rita in St. Bernard Parish, Louisiana.</p> <p><b>CONSTRUCTION PROGRAM MANAGEMENT</b></p> <p><b>Program Management Services for FEMA Funded Capital Repairs – Gravity Sewer Repairs, Department of Public Works, St. Bernard Parish, LA.</b> Mr. Guy also handled the oversight of the cleaning, video inspection, and lining of approximately 500,000 linear feet of gravity sewer lines and approximately 1,500 manholes damaged by Hurricane Katrina in 2005. His responsibilities included coordination with State and Federal FEMA officials, scope alignment, tracking, and management of project worksheets and versions, and determination and inspection of uncaptured damages. During Mr. Guy's tenure of oversight, the project has been increased from zero Federally-obligated funding to a \$48 M program. (Ongoing)</p> <p><b>Roadway Rehabilitation Program, St. Bernard Parish Government, LA.</b> As a Construction Manager for the Roadway Rehabilitation Program, Mr. Guy has assisted in identifying and justification of additional eligible storm damage throughout both the design phase and construction phase for FEMA assessment. Mr. Guy has facilitated the resolution of construction-related field issues with third-party architects and engineers, contractors, and St. Bernard Parish Government. Mr. Guy works to ensure construction schedules are followed and maintained. Mr. Guy has also served as an Owner's Representative to address and resolve resident complaints related to the construction activities. (Ongoing)</p> <p><b>Canal Crossing Projects, St. Bernard Parish Government, LA.</b> Mr. Guy's duties included, but were not limited to, acquiring scope approval and funding authorization for project eligibility from FEMA (developing a Project Worksheet), facilitating proper procurement for A/E and construction services, identifying and justifying additional eligible storm damage throughout both the design phase and construction phase for FEMA assessment (versioning a Project Worksheet), reviewing, analyzing cost, a processing of contract amendments and change orders, processing all applications for payment while assuring compliance with State guidelines and FEMA eligibility. He was also responsible for holding regularly scheduled progress meetings with the A/E, contractor, and Owner during the construction phase, facilitating resolution of construction-related field issues with A/E, contractor, and Owner, serving as an Owner's representative to address and resolve resident complaints related to the construction activities, ensuring construction schedules are followed and maintained, performing regular site visits and project</p>

## TEC Professional Services Questionnaire

**Jason Guy**  
*continued*

walk-throughs as part of invoicing and change order reviews, tracking all project-related costs and billings, facilitating project close-out for both construction and grants management (maintain project files and transmittals), reporting on a weekly basis updated project summaries for the Parish President. (Ongoing)

**DOTD Submerged Roads Program - St. Bernard Parish Street Rehabilitation Program, St. Bernard Parish, Chalmette, LA.** HDCA served as a subconsultant to Digital Engineering and Imaging Inc. for this DOTD Submerged Roads Program project. HDCA provided Construction Engineering and Inspection (CE&I) services for this Parish-wide, multi-street project. The construction consisted of clearing and grubbing, grading, cold planing asphaltic concrete, and pavement patching. Materials utilized included Class II Base course, Superpave asphaltic concrete overlay, Superpave asphaltic concrete pavement, and Portland Cement Concrete Pavement. Mr. Guy represented HDCA both in the field and at construction progress meetings and was heavily involved in daily CE&I activities. Construction has been completed and the project is awaiting closeout. (ongoing)


**Lake Lery Marsh Creation CIAP Program Management, Department of Public Works, St. Bernard Parish, LA.** HDCA served as the Parish's Construction Program Manager for this Coastal Impact Assistance Program (CIAP) - funded project in Delacroix, Louisiana. The project involved dredging and material placement for the creation of approximately 67 acres of marsh in Lake Lery adjacent to Bayou Terre aux Boeufs. As Construction Program Manager, HDCA served as the Owner's Representative during construction, responsible for oversight of the construction administration process, coordination and interface with grant and regulatory agencies, overall grants management and closeout, and construction inspection. Mr. Guy assisted with field support services and construction administration for the duration of construction of Phase I of the project which was completed in 2017. HDCA was recently awarded Phase II of this project which will include the creation of an additional 23 acres of new marsh. (Ongoing)

**Task Order No. 3 - JIRR Program Assessment, Department of Public Works, City of New Orleans, LA.** HDCA, as part of a Joint Venture with CSRS, Inc., provided the City of New Orleans' Public Works Department with an overall assessment of the FEMA-funded Joint Infrastructure Road Recovery (JIRR) Project. The assessment included the overall evaluation of ongoing roadway projects, department manpower, management costs, operating procedures, construction market and vendor capacity, as well as recommendations to ensure successful JIRR program compliance in accordance with federal, state and city requirements. Mr. Guy was embedded within the Department to observe day-to-day operations and develop tailored recommendations aimed at improving the efficiency of the program's delivery. (2019)

**City of Central Flood Recovery, Project Management and Funding Management Program, City of Central, LA.** A team of HDCA and CSRS, Inc. staff members worked together to assist the City of Central following the devastating 1,000-year flood that impacted residents in August 2016. Our team assisted the City with program management, funding decisions, and the development of processes needed to expedite the obligation of disaster relief funding. Mr. Guy provided technical assistance in conducting damage assessments and cost estimates for the program. (2019)

**Delacroix Assembly Center, St. Bernard Parish, Louisiana.** HDCA provided professional engineering services for the Pavilion and Dockside Improvements to the Delacroix Assembly Center in St. Bernard Parish. The project included the preliminary and final design of the bulkhead & waterfront fishing pavilion, as well as a mobile boat hoist, travel crane platform, as well as overall improvements at the site including an access road. All phases of the project were successfully bid and constructed. Mr. Guy provided construction phase services over the course of construction. (2018)

## TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT
<b>Name &amp; Title:</b>
Angie Triche <i>Administrative/Project Controls</i>
<b>Project Assignment:</b>
Administrative/Project Controls
<b>Name of Firm with which associated:</b>
 <b>H. Davis Cole &amp; Associates, LLC</b>
<b>Years' experience with this Firm:</b>
13 (2008)
<b>Education: Degree(s)/Year/Specialization:</b>
B.S., 2013, Management, University of Phoenix
<b>Active Registration: Year first registered/discipline:</b>
Not Applicable
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Ms. Triche serves as a Project Control Specialist at HDCA, responsible for financial and document controls for various projects. Ms. Triche has been responsible for the accounting management of task orders for The SBSA Group, HDCA's Joint Venture company. Additionally, Ms. Triche has skillfully managed the financial reporting aspect of the firm's involvement in the program management of the FEMA-funded hurricane recovery of St. Bernard Parish since the program's inception.</p> <p><b>Hurricane Recovery Administrative &amp; Program Management, St. Bernard Parish, LA.</b> Ms. Triche is serving as document control coordinator for the management of FEMA – funded recovery projects in St. Bernard Parish, Louisiana. Ms. Triche's duties include the logging and tracking of incoming documents, distribution of documents to the appropriate Program Manager or Parish Personnel, preparation and maintenance of Project Worksheet Files to ensure that all are ready for closeout, and invoice tracking. Ms. Triche's challenging role includes the tracking and maintenance of documents for over 550 individual projects. (ongoing)</p> <p><b>SBSA Task Orders 3, 7, 8, 9, 11, 13, 50, 64, 87, 92, 97.</b> Ms. Triche oversaw billing and invoicing for these task orders for the U.S. Army Corps of Engineers (USACE). These "Staff Extension" Task Orders required detailed invoicing and accounting procedures, and Ms. Triche was responsible for overseeing and coordinating all invoicing activities for multiple staff extension personnel in accordance with USACE standards. (2015)</p>



## TEC Professional Services Questionnaire

<b>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.</b>		
<b>PROJECT NO. 1</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>FEMA-Funded Hurricane Recovery and Restoration Projects - Program Management Services: Water Tower &amp; Fire Hydrants Restoration St. Bernard Parish, LA</b></p> <p>St. Bernard Parish Department of Public Works 1125 East St. Bernard Highway Chalmette, LA 70043</p> <p>Hillary Nunez, Director 504-278-4314 hnunez@sbpg.net</p>	<p>HDCA personnel served as Program Managers overseeing the restoration of cleaning, inspection, painting and repairs of seven water towers damaged by Hurricane Katrina in 2005. . HDCA personnel also oversaw the replacement/ restoration of 3,600 traditional and "dry" fire hydrants. Responsibilities of HDCA staff members included coordination with State and Federal FEMA officials, scope alignment, tracking and management of project worksheets and versions, and assessment &amp; capture of uncaptured damages. This project also required extensive coordination with the Parish's Fire Department and Department of Water &amp; Sewer</p> <p><i>Role: Inspection, Cleaning and Construction Phase Services, Program Management, Grant Management</i></p> <p><i>Relevant Scope: Water Distribution System Improvements, Fire Safety System Improvements</i></p>	
<b>Completion Date (Actual or Estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2010	\$10,8884,000.00	Component of larger program
<b>PROJECT NO. 2</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>Booster Disinfection Stations Ascension Parish, LA</b></p> <p>Ascension Parish Government 9039 St. Landry Rd., Building G Gonzales, Louisiana 70737</p> <p>Carl Ladmirault Project Manager (225) 450-1072 cladmirault@apgov.us</p>	<p>HDCA assisted Ascension Parish Government in selecting appropriate locations for the installation of two (2) chloramine residual booster stations within the Parish's water system on the West Bank of Ascension Parish. HDCA provided layouts for the proposed "package" type Booster Stations, along with mechanical and electrical drawings and construction documents. HDCA will also provide Bid Phase and Construction Phase Services for this ongoing project.</p> <p><i>Role: Site Selection, Design Phase Services, Bid Phase Services, Construction Phase Services</i></p> <p><i>Relevant Scope: Water Treatment System Improvements, Water Distribution System Improvements</i></p>	
<b>Completion Date (Actual or Estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2016	\$92,000.00	\$19,000.00 (fee)

## 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:
<p><b>Water Treatment Plant Reconstruction &amp; Expansion</b> <b>St. Bernard Parish, LA</b></p> <p>St. Bernard Parish Department of Public Works 1125 East St. Bernard Highway Chalmette, LA 70043</p> <p>Hillary Nunez, Director 504-278-4314 hnunez@sbpg.net</p>	<p>The St. Bernard Parish Water Treatment Plant Expansion included the complete mechanical and electrical reconstruction and expansion of 12 million gallon per day (MGD) surface water treatment plant. HDCA served as a sub-consultant to Burk-Kleinpeter, Inc. (BKI) and was responsible for the design of site improvements, drainage design, and construction phase services related to those project elements. This project was funded by LCDBG (Louisiana Development Block Grant) Grants. HDCA also assisted with Construction Administration efforts.</p> <p><i>Role: Site Design Improvements, Construction Phase Services</i></p> <p><i>Relevant Scope: Water Treatment System Improvements, Water Distribution System Improvements</i></p>
Completion Date (Actual or Estimated):	Estimated Cost:
	Entire Project:      Work for which Firm was Responsible:
2010	\$22,000,000.00      \$350,000.00 (fee)




### PROJECT NO. 4

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:
<p><b>Water Tank Design Review</b> <b>New Orleans, LA</b></p> <p>University Medical Center 2021 Perdido Street New Orleans, LA 70112</p> <p>Cary Becker Director of Facilities Management (504)903-3054 cbeck3@lsuhsc.edu</p>	<p>H. Davis Cole &amp; Associates, LLC provided engineering review services of the design and operation of an existing 1 million gallon ground surface water storage tank system currently installed at the new University Medical Center in New Orleans, Louisiana. HDCA was tasked with providing recommendations for protocols for standard operation, flushing, and disinfection of the tank, as applicable. HDCA also provided recommendations for required mechanical modifications to the facility.</p> <p><i>Role: Engineering Assessment</i></p> <p><i>Relevant Scope: Water Distribution System Improvements, Water Treatment System Improvements</i></p>
Completion Date (Actual or Estimated):	Estimated Cost:
	Entire Project:      Work for which Firm was Responsible:
2015	TBD      \$4,000.00 (fee)

## 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:	
<p><b>Comprehensive Water System Rehabilitation St. Joseph, LA</b></p> <p>Town of St. Joseph 125 Plank Road Saint Joseph, LA 71366</p> <p>Mayor Elvadás Fields, Jr. 318-766-3939</p> <p>David Greer, CPA (225) 347-4117</p>	<p>HDCA provided technical and administrative services for the comprehensive rehabilitation of the Town's water treatment and distribution systems. In December 2016, the project was fast-tracked by the State of Louisiana after Governor John Bel Edwards de-clared the system a public health emergency after elevated levels of lead and copper were found in the town's drinking water. The comprehensive reha-bilitation project included the installation of new water lines, new "intelligent" electronic meters &amp; billing systems, repairs to the town water plant, repairs to the town water tower, and new fire hydrants. HDCA was responsible for the hy-draulic modeling and the design of all project elements. The project was funded by the State of Louisiana Capital Outlay Funds through the State of Louisi-ana Office of Facility Planning and Control. HDCA also assisted the Town and its Grant Management Staff by providing technical and administrative support related to the funding application. HDCA also designed the new Water Treat-ment Plant for the Town of St. Joseph. The emergency declaration was lifted in March 2018 and the system is now fully-functional.</p> <p><i>Role: Preliminary &amp; Final Design, Bid Phase Services, Permitting, Construction Phase Services</i></p> <p><i>Relevant Scope: Water Distribution System Improvements, Fire Safety System Improvements</i></p>	
	 	
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018	\$6,200,000.00	\$600,000.00 (fee)

## 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. 6

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>Chalmette Vista Waterline Replacement (DWRLF 2.6)</b> Chalmette, LA</p> <p>St. Bernard Parish Department of Public Works 1125 East St. Bernard Highway Chalmette, LA 70043</p> <p>Hillary Nunez, Director 504-278-4314 hnunez@sbpg.net</p>	<p>This project, funded by the Drinking Water Revolving Loan Fund, replaced 11,750 lf of existing waterline located throughout the Chalmette Vista subdivision in St. Bernard Parish. Water lines were replaced on portions of the following Chalmette Vista streets: W. Claiborne Square, Packenham, Keane, Carmack, Carolina, Carrol, E. Chalmette and Old Hickory. Other components of the project included the replacement of approximately 40 fire hydrants, tying in existing services, and replacing gate valves. Additionally, 70 of the 261 services in the subdivision received new meter boxes.</p> <p><i>Role: Preliminary &amp; Final Design, Bid Phase Services, Permitting, Construction Phase Services</i></p> <p><i>Relevant Scope: Water Distribution System Improvements, Fire Safety System Improvements</i></p> 	
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020	\$2,500,000.00	\$259,000.00 (fee)

### PROJECT NO. 7

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>Waterline Replacement Project (DWRLF 3.0)</b> Chalmette, LA</p> <p>St. Bernard Parish Department of Public Works 1125 East St. Bernard Highway Chalmette, LA 70043</p> <p>Hillary Nunez, Director 504-278-4314 hnunez@sbpg.net</p>	<p>H. Davis Cole &amp; Associates, LLC personnel are providing construction administration and resident inspection services to St. Bernard Parish for the duration of construction on a new 8" water line to replace existing waterlines on Fazzio Road, Culotta Street, Trio Street, and Victor Street as well as along LA Highway 46 in eight locations.</p> <p><i>Role: Construction Phase Services</i></p> <p><i>Relevant Scope: Water Distribution System Improvements</i></p>	
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023	\$2,655,000.00	\$45,000.00 (fee)



## 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. 8

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<b>Ferriday Water System Renovation</b> <b>Ferriday, LA</b>  Town of Ferriday 1116 2nd St. Ferriday, LA 71334  MB Design Consultants Jatinder Goel (225)612-3989 mbdesigncon@gmail.com	HDCA developed construction documents for the renovation of the Town of Ferriday's existing water distribution system. The existing waterlines were aging and found to be undersized. HDCA developed plans and specifications to replace 14,995 lf of waterlines with a minimum of 6" waterlines throughout the town as well as replacement of the existing fire hydrants. Project has been fully designed and is awaiting funding for bidding and construction.  <i>Role: Preliminary &amp; Final Design</i>  <i>Relevant Scope: Water Distribution System Improvements, Fire Safety System Improvements</i>	
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Ongoing	TBD	\$50,000.00 (fee)

### PROJECT NO. 9

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<b>West Bank Water Treatment Plant Filter Upgrade Project</b> <b>Jefferson Parish, LA</b>  Jefferson Parish Department of Engineering 1221 Elmwood Park Boulevard Jefferson, LA 70123  Angela DeSoto, Director (504) 736-6500 JPEngineering@jeffparish.net	Prior to forming HDCA, Mr. Cole participated in the replacement of filter media (deeper profile utilizing anthracite & sand media) and filter troughs; addition of air backwash system including automated control; structural repairs to the filter boxes; addition of a waterproof coating, and; integration of the new work into the existing SCADA system. Project value of \$3.5 M. Individual experience of H. Davis Cole, who served as Project Engineer.  <i>Role: Preliminary &amp; Final Design</i>  <i>Relevant Scope: Water Treatment System Improvements</i>	
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2003	Independent Experience	Independent Experience

## 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. 10

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>St. Joseph Water Treatment Plant Rehabilitation</b> <b>St. Joseph, LA</b></p> <p style="text-align: center;">Town of St. Joseph 125 Plank Road Saint Joseph, LA 71366</p> <p style="text-align: center;">Mayor Elvadás Fields, Jr. 318-766-3939</p> <p style="text-align: center;">David Greer, CPA (225) 347-4117</p>	<p>In addition to having served the Town of St. Joseph for the design and construction management of the Town's comprehensive water line replacement project, HDCA also assisted the Town with the design and construction of a new Water Treatment Plant. Due to the declaration of emergency in St. Joseph regarding their substandard potable water, this project was separated into five distinct design packages to expedite the procurement of equipment and installation at the water treatment facility. These packages included a new ductile iron and manganese pressure filter, a new activated iron solids precipitation system, new wells, rehabilitation of the existing iron and manganese pressure filter, and the complete assembly and startup of the plant. HDCA staff members were heavily involved in the design, permitting, bidding, and construction administration of this important project. Construction of the project was completed and the water plant is now fully functional.</p>	
		
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018	\$3,060,000.00	\$298,854.00 (fee)

## 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.  HDCA has never been involved in litigation with Jefferson Parish.		
2.		
3.		
4.		

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



**H. Davis Cole & Associates, LLC**  
Consulting Engineers

### FIRM HISTORY

HDCA was founded in 2006 and has rapidly grown to be a leader in providing exceptional client services to meet the public works engineering and environmental needs of municipal, governmental, and private sector through performance, quality, and teamwork. HDCA was recently awarded a **Louisiana ACEC Engineering Excellence Honor Award** in 2019 for the firm's involvement in the Comprehensive Water System Replacement project undertaken for the Town of St. Joseph, Louisiana. Our highly qualified team of motivated professionals provides a variety of services that include design, engineering and analyses, field investigations, construction management, construction inspection, computer modeling, environmental documentation, permitting, and regulatory support. For **three years in a row**, HDCA was included in the LSU 100, which recognizes the fastest growing LSU-alumni-owned businesses in the world. Each year, the award distinguishes one hundred successful entrepreneurs hailing from Louisiana State University who best embody the institution's values, character and leadership. The company is licensed in the States of Louisiana, Mississippi and Texas with professional engineers registered in all states. HDCA offices are located in Chalmette and New Orleans, Louisiana.

HDCA's staff members have a plethora of experience in Civil and Environmental Engineering, all of which is in the design and construction oversight of major infrastructure projects in an engineering consulting firm setting. The primary areas of expertise



**LOUISIANA  
ECONOMIC  
DEVELOPMENT**

Certified Small Entrepreneurship • Hudson Initiative



## 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.**

for the HDCA staff is in the drainage, roadway and water & wastewater arenas. The vast majority of HDCA's workload has been in the federally funded capital repair sector, including program and project management, design, and eligibility assessment and inspection services. HDCA has also provided technical services to various industrial entities. Furthermore, HDCA was an equity partner of a joint venture corporation, The SBSA Group, Ltd., which was a Prime Contractor for a \$50M USACE IDIQ contract.

### **EVALUATION CRITERIA**

**1. Professional training and experience in relation to the type of work required for the routine engineering services:**

HDCA has worked with almost every facet of the public sector and the private industry, serving individual clients with the utmost professionalism. The personnel at HDCA possess a wide range of experience in terms of both project type and magnitude. This is evidenced in the résumés of our key personnel provided within this Questionnaire.

HDCA possesses significant in-house capabilities, including Computer Aided Design and Drafting (CADD) capabilities using AutoCAD, MicroStation and structural modeling utilizing RISA-3D software package. HDCA also possesses significant sewer and water modeling capabilities through Bentley SewerGEMS and expertise with EPANET. HDCA is committed to maintaining the latest technology available to our profession to improve our ability to stay connected and accessible to our clients. This commitment extends into the production aspects of our business by using technology to improve our work efficiency and accuracy. This commitment to technology results in significant savings to our clients in both the schedule and budget.

To supplement our in-house staff capabilities and expertise, we maintain an extensive professional network and have maintained strong personal and professional relationships with large & small specialty firms that provide supporting services such as wetlands specialists, FEMA specialists, grant managers, electrical engineering, structural engineering, geotechnical engineering, environmental engineering, land surveying, and materials testing / inspections / construction quality control services, on whom we rely as needed to assist us in special design considerations that are outside our area of expertise. These relationships allow us to provide comprehensive, turn-key, engineering services to our clients. As required, we employ capable, experienced sub-consultants on an as needed basis for specialized tasks.

HDCA personnel have successfully managed and/or participated in a variety of projects including U.S. Army Corps of Engineers (USACE) projects, FEMA Hurricane Recovery and Restoration Program Management and Engineering Design Projects, FEMA Hazard Mitigation Grant Program Planning and Engineering Design Projects, Louisiana Community Development Block Grant (LCDBG) Program Projects, and general engineering design.

**2. Capacity for timely completion of newly assigned work, considering the factors of type of routine engineering tasks, current unfinished workload, and person or firm's available professional and support personnel.**

Based on the firm's current and expected project workload and schedule, HDCA is capable of allocating the necessary resources and manpower required to support Jefferson Parish for the duration of the design and construction of any assigned sewerage project. The contract and project management philosophy of HDCA is to maintain a strong working relationship with the client to protect your interests and accomplish project goals in a cost effective, responsive, and responsible manner. These interests and goals are to produce and deliver the highest quality projects that are welcomed by all stakeholders, and are technically and environmentally sound, affordable and completed within the project schedule.



## 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.**

*Below is a table depicting all of HDCA's active projects for Jefferson Parish:*

Project Name	Stage
Feasibility Study for Consolidation of Harvey & Marrero Wastewater Treatment Plants	Study Phase (ongoing)
Water Improvements Along Estalote Avenue (Westbank Expressway to Lester Avenue)	Design Phase
Timberview Lane Sewer Pump Station Rehabilitation	Design Phase Complete (awaiting bid & construction)
Brown Avenue Canal Improvements	Phase I & II: Completed Phase III: Construction Closeout Phase
Ehret & Broas Lift Station	Construction Phase
Metairie Road Smart Growth - Causeway Interchange	Design Phase
Waterline Improvements at Jefferson Heights Neighborhood	Design Phase
South Kenner Library (sub to N-Y Associates)	Design Phase
Waterline Improvements Along 31ST Street (Phoenix St. and Duncan St.)	Design Phase
Cousins Blvd. Extension (sub to Digital Engineering)	Construction Phase Services (Not Yet Started)
Avondale Library (sub to N-Y Associates)	Construction Phase

HDCA personnel are adept at managing multiple projects in varying phases of design and construction at any given time. This is accomplished through clear communication of goals and expectations with our clients at every phase.

**3. Location of the principal office where work will be performed.**

HDCA has three offices located throughout Southeast Louisiana in Chalmette and New Orleans. Our corporate headquarters is located in nearby New Orleans at 1340 Poydras St. in the Orleans Tower. This proximity will allow our project managers and design team to be on-site quickly to any project assigned. We are also readily available to attend and assist with any meetings regarding the project, regardless of whether meetings are held at the project site or at a Jefferson Parish Government location.

We're a local firm and our roots are firmly planted in the area. Our staff members will be dedicated to providing the highest level of professional services to ensure the integrity of any project assigned.

**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 independent party, or where the person or firm participated in or assisted the public entity in prosecution of its claim.**

HDCA, nor any firm personnel, have never been involved in litigation with Jefferson Parish.

**5. Prior successful completion of projects of the type and nature of routine engineering services, as defined, for which firm has provided verifiable references.**

Since the firm's inception in 2006, HDCA has participated in a wide variety of "wet" infrastructure projects within the civil engineering realms of drainage, water, and wastewater treatment and conveyance systems. These experiences have led to our firm developing a specialized expertise in this arena. HDCA has successfully completed infrastructure projects from inception to construction, and our level of involvement in previous projects has included preliminary design and planning services, final design services, bid phase services, construction administration services, and permitting services for these important projects. At all phases, HDCA carefully considers the Owner's interests and operational

## 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.**



*(Above) St. Joseph and State officials marked the Ribbon Cutting of the new water treatment plant. Gov. John Bel Edwards holds up a bottle of brown water produced by the old system and Mayor of St. Joseph, Elvadás Fields holds up a glass of the clear water produced by the new system.*

preferences, resulting in a highly customized design that will meet both the needs of Jefferson Parish and regulatory agencies. HDCA is familiar with water distribution, storage, and treatment structures in a variety of different settings; and through this experience, our staff members have gained a thorough understanding of the nuances that accompany the physics and chemistry of both large and small systems.

Generally, HDCA approaches the engineering design of any wet infrastructure project, with a special emphasis placed on customizing the approach to suit the Owner's needs and preferences. Our project approach for addressing any project assigned by Jefferson Parish will be dictated by the goals and needs expressed by Parish officials and operators. Our design team's philosophy with water-related infrastructure is to incorporate sound hydraulic, mechanical, and electrical design principles along with operator preferences to design a long-lasting, easily operated and maintained facility.

From the design of wells to full redesigns of existing water treatment plants, HDCA staff members are familiar with the critical disinfection and sanitary issues that must be considered in designing for potable water. Throughout the history of the firm, HDCA staff members have participated in a wide variety of potable water projects, from simple wells, to system assessments, and even comprehensive system replacements.

HDCA recently provided technical and administrative services for the renovation and replacement of the entire potable water system for the Town of St. Joseph, Louisiana. The Town of St. Joseph's water system was badly in need of replacement due to an aging distribution system and the discovery of elevated levels of lead in the water. HDCA staff members designed comprehensive repairs to the system, including new water lines, new "intelligent" electronic meters & billing system, new fire hydrants, repairs to the existing water tower, and repairs to the Town's water plant. The cost of the entire program is approximately \$6,200,000. HDCA staff members participated in every step of the design process, including preliminary design work, bid phase, permitting, final design, resident construction inspection, and facilitating the construction of the project through frequent communication between the various contractors involved and the State of Louisiana. The project included the installation of approximately 65,000 lf of new water lines and 525 new water meters. The Emergency Declaration was lifted in early 2018 and the system is now fully functional.

The problem of aging infrastructure is one that plaques cities and towns across Louisiana. HDCA is passionate about assisting communities with maintaining and rehabilitating the existing equipment as well as making sensible recommendations if replacements are required, to ensure a long-term solution for safe drinking water.

## TEC Professional Services Questionnaire

<b>N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed Project.</b>	
<p><b>6. Size of firm.</b></p>	<p>HDCA is certified under the Small Entrepreneurship Program as a Hudson Initiative Certified Firm by the Louisiana Department of Economic Development. HDCA has sufficient engineering and administrative support personnel to provide comprehensive professional services to Jefferson Parish for the duration of the project.</p> <p><b>Minimum Requirements for Selection:</b></p> <ol style="list-style-type: none"> <li>1. <b>One principal who is a professional engineer who shall be registered as such in Louisiana.</b> <p style="margin-left: 40px;"><i>This requirement is met by Mr. H. Davis Cole, P.E., the principal engineer of HDCA.</i></p> </li> <li>2. <b>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 disciplines involved.</b> <p style="margin-left: 40px;"><i>This requirement can be met by HDCA's principal engineer, Mr. H. Davis Cole, P.E. who will serve as the professional in charge of the project. Mr. Cole has been licensed as a professional engineer in the State of Louisiana since 2002 and infrastructure improvement projects have played an important role in his career.</i></p> </li> <li>3. <b>One person 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).</b> <p style="margin-left: 40px;"><i>This requirement can be met by both of HDCA's professional civil engineers: Mr. H. Davis Cole, P.E. and Mr. Mike D'Angelo, P.E., PLS. Both are licensed professional engineers in the State of Louisiana and have decades of experience working on infrastructure projects.</i></p> </li> </ol>
<p><b>7. Past Performance by person or firm on projects of or similar comparable size, scope and scale. Assertions of fault by a person or firm, which shall include time delays, cost overruns, and or design inadequacies in prior work completed for the Parish shall be evidenced by substantiating documentation provided by the Director of Public Works for the requesting department or the Director of Engineering and received by the Chairman of the Evaluation Committee a minimum of two (2) weeks prior to the scheduled date of the Technical Evaluation Committee meeting.</b></p>	<p>HDCA is proud of our relationship with Jefferson Parish, having served Jefferson Parish on a variety of infrastructure improvement projects over the course of the firm's existence. Individual personnel members have provided engineering services to the Parish prior to joining HDCA and we're dedicated to continuing to serve the Jefferson Parish community. As such, HDCA does not have a history of design inadequacies, time delays, nor cost overruns.</p> <p>HDCA's long-standing relationships with governmental agencies and clients is the key to our business' success. Please feel free to contact our major governmental and private clients, which include those listed below, regarding our past performance on engineering design and project management related projects. Additional references are available upon request.</p> <ul style="list-style-type: none"> <li>• <i>Donny Bourgeois, Recovery Manager, 504-278-1593, St. Bernard Parish Government, Louisiana</i></li> <li>• <i>Mike Noto, Deputy Chief Administrative Officer, 985-646-4330, City of Slidell, Louisiana</i></li> <li>• <i>Blaine Clancy, P.E., City Engineer, 985-646-4270, City of Slidell, Louisiana</i></li> <li>• <i>Donna O'Dell, P.E., PhD, Asst. Director - Capital Projects, 985-2552, St. Tammany Parish Government, Louisiana</i></li> </ul>

**TEC Professional Services Questionnaire**

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

**Signature:** 

**Print Name:** H. Davis Cole, P.E.

**Title:** Managing Member

**Date:** June 19, 2024





The Louisiana Professional Engineering and Land Surveying Board  
has the following information on file:

Name	Public Address
H. Davis Cole & Associates, LLC	1340 Poydras Street, Suite 1850 New Orleans, LA 70112

License/Certificate Information w/Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)	Supervisee(s)
EF. 003485	Active	05/30/2006	09/30/2024	Mr. Howard Davis Cole #PE.0030219-Active	





HDAVI-1

OP ID: MF

## CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

05/01/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Henry Insurance Service, Inc. 9624 Brookline Suite 200 Baton Rouge, LA 70809 Albert T. Scallan, AAI, CIC		<b>225-927-0451</b>		<b>CONTACT NAME:</b> Albert T. Scallan, AAI, CIC	
				<b>PHONE (A/C, No, Ext):</b> 225-927-0451	<b>FAX (A/C, No):</b> 225-926-8510
				<b>E-MAIL ADDRESS:</b> Al@henryinsuranceservice.com	
				<b>INSURER(S) AFFORDING COVERAGE</b>	
				<b>INSURER A : The Hartford</b>	
				<b>INSURER B : The Hartford</b>	
				<b>INSURER C : The Hartford</b>	
				<b>INSURER D : The Hartford</b>	
				<b>INSURER E : Lloyds of London</b>	
				<b>INSURER F :</b>	

<b>INSURED</b> H Davis Cole and Associates LLC Attn: Davis Cole 1340 Poydras St., Ste. 1850 New Orleans, LA 70112	<b>NAIC #</b>
	38261
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## COVERAGES

## CERTIFICATE NUMBER:

## REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> <input type="checkbox"/> GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:	X	X	43SBMBF6UFL-002	05/01/2024	05/01/2025	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
B	<input type="checkbox"/> AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input checked="" type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY	X	X	43SBMBF6UFL-002	05/01/2024	05/01/2025	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
C	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000	X	X	43SBMBF6UFL-002	05/01/2024	05/01/2024	EACH OCCURRENCE \$ 4,000,000 AGGREGATE \$ 4,000,000
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input checked="" type="checkbox"/> Y <input type="checkbox"/> N / A If yes, describe under DESCRIPTION OF OPERATIONS below		X	43WECBF6UJE	05/01/2024	05/01/2025	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
E	PROF LIABILITY			PLC-01588-01	09/01/2023	09/01/2024	Ea Claim \$ 2,000,000 Aggregate \$ 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

RE: N. Hullen Drainage Improvements, HDCA Project No. 2019-05, Resolution #139922

Certificate Holder: The Parish of Jefferson, its districts, departments & agencies under the direction of the Parish President and Parish Council.  
See attached notepad for additional information

## CERTIFICATE HOLDER

## CANCELLATION

<b>JEFFER1</b>  Jefferson Parish Department of Capital Projects 1221 Elmwood Park Blvd. Suite 906 Jefferson, LA 70123	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE 
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**NOTEPAD:**

HOLDER CODE JEFFER1  
INSURED'S NAME H Davis Cole and Associates LLC

HDAVI-1  
OP ID: MF

PAGE 2  
Date 05/01/2024

RE: N. Hullen Drainage Improvements, HDCA Project No. 2019-05, Resolution #139922

GENERAL LIABILITY: Additional Insured & Waiver of Subrogation, as required by written contract, in favor of certificate holder with respect to General Liability coverage.

HIRED/NON-OWNED AUTO: Additional Insured & Waiver of Subrogation as required by written contract, in favor of certificate holder with respect auto coverage.

WORKERS COMPENSATION: Waiver of Subrogation? as required by written contract, in favor of certificate holder with respect to Workers' Compensation coverage.

UMBRELLA: Umbrella is follow-form of the underlying coverage.

30 DNOC, except 10 day for non-payment.