



Statement of Qualifications (TEC Questionnaire)

**Professional Engineering Services Related
to the Design of the Rehabilitation of the
Transcontinental & Belle Lift Station (E8-1)**

Resolution No. 137449



in association with



TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Rehabilitation of the Transcontinental & Belle Lift Station *Resolution No. 137449*

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



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: hdcole@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.

David A. Martin, P.E.
Vice President
Phone: (504) 836-2020
Fax: (504) 836-2010
Email: dmartin@hdaviscole.com

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

| | | |
|---|---------------------------------------|--|
| <u> 3 </u> Administrative | <u> -- </u> Estimators | <u> -- </u> Specification Writers |
| <u> -- </u> Architects (Licensed) | <u> -- </u> Geologists | <u> -- </u> Structural Engineers |
| <u> -- </u> Chemical Engineers | <u> -- </u> Geotechnical Engineers | <u> -- </u> Graduate Engineers |
| <u> 2 </u> Civil Engineers | <u> -- </u> Interior Designers | <u> 1* </u> Project Managers |
| <u> 1 </u> Construction Inspectors | <u> -- </u> Landscape Architects | <u> -- </u> Clerical |
| <u> -- </u> Ecologists | <u> -- </u> Land Surveyor | <u> -- </u> Grant/Funding Specialist |
| <u> -- </u> Electrical Engineers | <u> -- </u> Mechanical Engineers | <u> -- </u> Sanitary Engineers |
| <u> -- </u> Engineer Intern | <u> -- </u> Environmental Engineers | |
| <u> -- </u> Professional Land Surveyors | | <u> 7 </u> TOTAL |

* Denotes contract employee

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. Bryant Hammett & Associates, LLC 1104 Dealers Avenue, Suite A Harahan, LA 70132 | Surveying Services | Yes |
| 2. The Beta Group Engineering and Construction Services, LLC 1428 1/2 Claire Avenue Gretna, LA 70053 | Geotechnical Engineering | Yes |
| 3. | | |
| 4. | | |
| 5. | | |

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

105

(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:

Client Manager; Principal -in-Charge

Name of Firm with which associated:



H. Davis Cole & Associates, LLC

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

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. Phase II of the project was successfully bid and construction began in early 2021. Mr. Cole is currently providing construction administration services for Phase II's construction. (ongoing)

Old Harvey Neighborhood Revitalization Study, Jefferson Parish, LA. HDCA, as a part of a Joint Venture - Villavaso-HDCA, LLC, is currently providing 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 is 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 focuses on community engagement and addressing existing infrastructure deficiencies to accommodate future growth. Public infrastructure improvement recommendations may include 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 will be studying 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 is serving as the Principal Engineer on the study. (ongoing)

TEC Professional Services Questionnaire

H. Davis Cole, P.E.

continued

N. Hullen Drainage Improvements, Jefferson Parish, LA. HDCA is providing professional design services to Jefferson Parish for the preparation of construction documents for drainage and roadway improvements on North Hullen Street. The planned improvements to the street include subsurface drainage capacity improvements between 7th Street and the West Esplanade Canal and a complete reconstruction of the existing roadway. Mr. Cole is serving as the Technical Advisor for the project. (ongoing)

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 will be abandoned in favor of a new wetlands assimilation effluent discharge. Design of the new plant and effluent pump station were completed however were not constructed. 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)

Sewer Lift Station L12-3 Rehabilitation, Department of Sewerage, Jefferson Parish, LA. HDCA provided engineering services for the replacement of an obsolete sewerage lift station on the West Bank of Jefferson Parish. HDCA provided design and construction management services for the overall project which included the construction of a new triplex submersible lift station with a capacity of 3,100 gallons per minute, approximately 350 ft. of deep gravity sewerage pipeline, and approximately 350 ft. of sewerage force main pipeline. The project also included piping modifications in order to connect the new station to a pre-installed sewerage force main pipeline along Belle Terre Road. Construction was recently completed. Mr. Cole served as a Technical Advisor and provided construction management services for the project. (2013)

Willwood 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)

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)

Peters Road Drainage Study, Regional Planning Commission for Jefferson, Orleans, Plaquemines, St. Bernard, and St. Tammany Parishes, New Orleans, LA. The proposed widening of Peters Road (located on the West Bank of Jefferson Parish, near the community of Harvey, Louisiana) prompted the Regional Planning Commission (RPC) to commission a comprehensive drainage study of the surrounding area to determine the impacts that the proposed roadway widening would have on the drainage patterns areas surrounding the roadway. To accomplish this task, a team of consultants was selected to conduct the drainage study. Mr. Cole was tasked with the development of a hydraulic model of the area using PCSWMM modeling software. Using the hydraulic model, drainage hydrographs were developed for the purpose of determining the adequacy of existing and proposed drainage systems along the roadway. Mr. Cole served as the Project Manager for this effort. (2006)

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

TEC Professional Services Questionnaire

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continued

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)

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 bar screens 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)

WASTEWATER COLLECTION & TREATMENT

Improvements to the Terrace Avenue Wastewater Treatment Plant, City of Slidell, LA. HDCA is providing engineering design services to implement mechanical, structural, and process improvements at the City's existing Terrace Avenue WWTP. HDCA had previously provided the City of Slidell with a structural and mechanical assessment of the various existing facilities at the Terrace Avenue WWTP. The plant has an average daily flow of approximately 4.0 MGD and a peak hydraulic capacity of 15 MGD. Facilities and processes to be addressed include the headworks, grit removal system, primary clarifiers, secondary clarifiers, chlorination facility, spray water system, return activated sludge pump station, waste activated pump station, and in-house station. HDCA also prepared construction cost opinions and prepared an application for funding for future improvements through the EPA/LDEQ Clean Water State Revolving Loan Fund which was accepted for funding by LDEQ and EPA. Mr. Cole, who has been integral in the design of previous rehabilitations at the station over the course of his career, will serve as the Technical Advisor for the project. (ongoing)

LA 42/LA 73 Sewerage Improvements, Ascension Parish, LA. Mr. Cole served as Technical Advisor for this extension to the sewerage force mains along LA 42/LA 73 in Ascension Parish. Improvements to the system included providing sewerage to an uncaptured area, and the addition of a 32,500 gallon per day extended aeration wastewater treatment facility. HDCA was also responsible for the design of new force mains, treatment facility, odor control, and mechanical modifications to three existing sewerage lift stations. (2017)

Lecompte Wastewater Treatment Plant Repairs, Town of Lecompte, LA. The project included the renovation of a 250kgallon per day (GPD) treatment pond to include floating covers, trickling filters, and polishing reactors to meet more stringent discharge requirements. The project also included Infiltration/ Inflow work (including complete rehabilitation of three sewer lift stations) to reduce loads on pond. Project was funded through USDA Rural Utilities Service Grants. Mr. Cole served as Technical Advisor on the project. (2017)

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Structural and Mechanical Condition Assessment of the Terrace Avenue Wastewater Treatment Plant, City of Slidell, LA. HDCA provided the City of Slidell with a structural, mechanical, and civil condition assessment of process elements and general facilities at the Terrace Avenue Wastewater Treatment Plant. HDCA evaluated the existing equipment at the Plant and developed recommendations and cost opinions for rehabilitation and improvements. Mr. Cole served as Technical Advisor and prepared a funding application for LDEQ Clean Water State Revolving Funds for the future improvements which was accepted for funding by EPA and LDEQ. (2017)

Rehabilitation of the Kenner Effluent Pump Station, Department of Public Works, City of Kenner, LA. HDCA provided engineering services for this pump station rehabilitation which entails expansion of the station from a capacity of 43 MGD to 60 MGD. The project includes new 300 HP vertical turbine pumps, pump isolation valves, discharge manifold modifications to allow the station to feed two effluent force mains, and extensive electrical and controls modifications. Mr. Cole served as Technical Advisor. (2016)

Lift Station 19, Department of Public Works, City of Mandeville, LA. HDCA provided engineering for the complete reconstruction of the City's Sewerage Lift Station 19. The reconstructed station will be located adjacent to the existing lift station with the existing structure to be retained as an auxiliary retention structure. The new station will have a capacity of 950 gallons per minute and includes all new electrical, mechanical, and odor control systems. HDCA also provided construction management (CM) services for the duration of construction. Mr. Cole served as a technical advisor. (2015)

Expert Witness Services for Plaquemines Parish Detention Center Lift Station and Grinder Station, J.L. Roberts Mechanical Contracting, Plaquemines Parish, LA. Mr. Cole is currently serving as an expert witness in this case involving the construction of a lift station and grinder station at the Plaquemines Parish Detention Center (PPDC). HDCA is conducting reviews of the structural design of the station. (2015)

Town of Sorrento Sewer Extension, Sorrento, LA. HDCA served as a sub consultant to J&J Engineers of Baton Rouge and provided technical services related to a sewer extension to an unsewered area along LA 22. Mr. Cole served as Principal-in-Charge. (2013)

Reptile Tannery of Louisiana Pre-Treatment Facility, Lafayette, LA. As a sub-consultant to Royal Engineers and Consultants, HDCA provided preliminary and engineering detailed design services for a pre-treatment facility at RTL's Lafayette Tanning Facility. During preliminary design, HDCA assisted Royal in evaluation of several biological and physical treatment processes. Due to the high biological loadings and low flow rates, a sequencing batch reactor (SBR) technology coupled with a dissolved air flotation (DAF) unit was selected for the plant design. In the final design, HDCA prepared detailed drawings for all mechanical components of the plant, including pumps, piping, valves, and other appurtenances. Mr. Cole served as Principal-in-Charge/ Technical Advisor. (2012)

Kenner Wastewater Treatment Plant Effluent Pump Station Hydraulic Study, Department of Public Works, City of Kenner, LA. HDCA prepared a study including recommendations for improving the City's Consolidated WWTP No. 3 effluent pump station's capacity from 43 MGD to 60 MGD. HDCA provided cost opinions related to those recommendations and for recommended hydraulic and process improvements. Mr. Cole served as Technical Advisor/ Client Services Manager. (2012)

Terrebonne Parish Lift Station Rehabilitation (Bobbie Lou, Brittany, and Elysian), Terrebonne Parish, LA. HDCA provided design and construction phase services related to the complete reconstruction of three sewer lift stations in Houma. HDCA prepared the bid documents and provided construction administration & inspection services for the project, which included the conversion of these self-priming stations to submersible stations. Mr. Cole served as Technical Advisor. (2012)

Crawfish Town USA Wastewater Treatment Plant Certification, Henderson, LA. Mr. Cole completed a Louisiana Department of Health & Hospitals Design Summary Package and design review for a proposed mechanical wastewater treatment package plant to replace an existing pond at a restaurant. Mr. Cole reviewed the design for compliance with applicable requirements of the Louisiana State Sanitary Code. Construction was completed successfully. (2011)

Jean Lafitte Sewer Force Main Program Management, Department of Water and Sewer, St. Bernard Parish, LA. Mr. Cole served as Program Manager for this EDA-funded project which included the installation of a 16 inch diameter force main along Jean Lafitte Parkway in Chalmette, Louisiana. The force main runs along Jean Lafitte Parkway for its entire length. The \$1.7 M project was funded through EDA grants as part of the Sewer Consolidation Program, managed by Mr. Cole. (2009)

Sewer Pump Station Rehabilitation Package No. 11, St. Bernard Parish, LA. HDCA was responsible for the design, bidding, and construction administration for the rehabilitation of 12 sewer pump stations damaged by Hurricane Katrina including the replacement of pumps and control panels along with the implementation of various Hazard Mitigation measures. The design of this project was completed within a two week period and was successfully bid and awarded (\$2.2 M construction cost). HDCA

TEC Professional Services Questionnaire

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continued

was also responsible for reviewing the associated FEMA Project Worksheets for scope and FEMA funding eligibility and preparation of the final bid documentation. Mr. Cole served as Principal Engineer/Client Services Manager for this project. (2009)

Preliminary Design of Sewer Lift Stations (Parish-Wide), Department of Water and Sewer, St. Bernard Parish, Chalmette, LA. HDCA prepared the preliminary design and determination of hazard mitigation measures for 92 sewer lift stations throughout St. Bernard Parish. The stations were damaged as a result of Hurricane Katrina. Using damage assessments and the FEMA Project Worksheets, along with a pre-storm pump station inventory, HDCA prepared hydraulic calculations required to determine pump station system curves and design points. HDCA also developed standard specifications for St. Bernard Parish Lift Stations. These specifications included pumps, valves, protective coatings, pipe and fittings, control panels, and Supervisory Control and Data Acquisition (SCADA) hardware & software requirements. (2007)

Wastewater Treatment Consolidation Project, City of Kenner Department of Public Works, Kenner, LA. Design of mechanical, process, electrical, and instrumentation systems required to expand the City of Kenner's Wastewater Treatment Plant No. 3A to an Average Daily Flow capacity of 13.83 MGD from its then-current average daily flow capacity of 4.95 MGD. The project cost approximately \$9.0 M. After completion, the City transferred flow from two smaller plants to the expanded plant and, therefore, consolidated wastewater treatment within the city. Mr. Cole served as the Project Manager for the design of the mechanical, process, electrical, and instrumentation systems. (2005)


Riverbend Oxidation Pond Closure Project, Department of Water and Sewer, St. Bernard Parish, LA. Due to regulatory compliance issues at the Riverbend Oxidation Pond, the Parish of St. Bernard began the process of closing the oxidation pond and transferring its flow to an existing mechanical treatment plant, the Munster Wastewater Treatment Plant. The cost opinion for the project was \$4.0 M for all phases. Mr. Cole served as the Principal Engineer and Project Manager for the project. (2005)

Violet Wastewater Treatment Plant Transfer Pump Station, Department of Water and Sewer, St. Bernard Parish, LA. As a component of the overall consolidation plan for the wastewater treatment facilities throughout St. Bernard Parish, a pump station was required to transfer wastewater flows from the Violet Wastewater Treatment Plant (WWTP) service area to the consolidated Munster WWTP. For this, Mr. Cole prepared the Preliminary Design Report (PDR) which defined all design parameters for the proposed station and established a construction budget of \$3.0 M. The proposed station will make use of the existing influent pump station structure of the existing return activated sludge pump station, rehabilitation of the diffused air aeration systems in the plant's aeration basins, rehabilitation of the primary and secondary sludge control valves and flow meter boxes, rehabilitation of the secondary clarifiers, rehabilitation of the anaerobic digester No. 1 and heating and mixing system (complete with a new building), rehabilitation of the digested and thickened sludge pump stations, rehabilitation of the existing effluent pump station and chlorine storage areas, and replacement of all existing motor control centers throughout the plant. The project was funded through the EPA/ LDEQ Clean Water State Revolving Loan Fund. (2003)

City Sanitary Sewer Model, Department of Engineering, City of Slidell, LA. Using existing GIS shape files of the City's sanitary sewer collection system, Mr. Cole led a project team in the development and calibration of a computerized hydraulic model of the sanitary sewer system. The model was created using the Hydroworks modeling package and included all sewer lines 12" in diameter and greater as well as all sewer lift stations. The model was calibrated through a city-wide flow monitoring program which helped correlate rainfall with increased sanitary sewer flows, thereby quantifying the City's infiltration problem. (2003)

Northshore Mall Pump Station and Force Main Project, City of Slidell, Department of Public Utilities, Slidell, LA. Under this project, an approximate 2.8 mile, 8-inch diameter sewer force main and associated sewer pump station were constructed to transport wastewater from the Northshore Square Mall WWTP to the main City of Slidell sewer collection system. As a result, the small package WWTP will be demolished. The force main was constructed entirely of high density polyethylene (HDPE) piping with fusion welded joints. Where the pipeline crossed roadways and railroad lines, portions of the pipeline were installed via horizontal directional drilling (HDD) methods. The sewer pump station utilized duplex submersible pumps with redundant pump control systems to increase station reliability. Mr. Cole, as the Project Manager, provided design, permitting, bid, and construction administration services for the project. (2003)

TEC Professional Services Questionnaire

| KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT |
|---|
| Name & Title: |
| David A. Martin, P.E. Vice President |
| Project Assignment: |
| Engineering/ Design Services & Project Management |
| Name of Firm with which associated: |
|  H. Davis Cole & Associates, LLC |
| Years' experience with this Firm: |
| 14 (2007) |
| Education: Degree(s)/Year/Specialization: |
| B.S., 2008, Civil Engineering, Louisiana State University |
| Active Registration: Year first registered/discipline: |
| 2013, Civil Engineer, Louisiana, PE.0037832 2014, Professional Engineer, Texas, PE 116461 2014, Civil Engineer, Mississippi, No. 25768 Traffic Control Supervisor, Technician & Flagger Certification, ATSSA, 2014, 2018 |
| Other experience and qualifications relevant to the proposed Project: |
| <p>Mr. Martin serves as a Vice President of HDCA. In this capacity, Mr. Martin oversees all engineering services for the firm, with a focus on standards and quality control within the design product. Starting with HDCA as a student intern in 2007, Mr. Martin has provided the full variety of consulting services including inspection, design, CADD drafting, computer modeling, specification writing, construction management, and project management and controls for a wide variety of municipal, industrial, and private clients. Mr. Martin's expertise is in the realm of general civil and mechanical design, and he has provided these services in wastewater, water drainage, structural, and roadway disciplines during his tenure at HDCA.</p> <p>EXPERIENCE WITH JEFFERSON PARISH</p> <p>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. Martin is serving as Project Manager for the design of the project. (ongoing)</p> <p>N. Hullen Drainage Improvements, Jefferson Parish, LA. HDCA is providing professional design services to Jefferson Parish for the preparation of construction documents for drainage and roadway improvements on North Hullen Street. The planned improvements to the street include subsurface drainage capacity improvements between 7th Street and the West Esplanade Canal and a complete reconstruction of the existing roadway. Mr. Martin is serving as the project manager and overseeing the overall design of the project. (ongoing)</p> <p>Metairie Road Smart Growth Program: Causeway Boulevard Intersection, Jefferson Parish, LA. HDCA is designing improvements at the intersection of Causeway Boulevard and Metairie Road as part of the overall revitalization and re-branding of the Metairie Road corridor. The scope of HDCA's project includes the removal and replacement of the existing asphalt, removal and replacement of ADA ramps, restriping of the pedestrian crossings, and the addition of pedestrian lighting and landscaping elements. The project is currently in the final phase of design. Mr. Martin is serving as project manager and providing design oversight for all aspects of the project. (ongoing)</p> |

TEC Professional Services Questionnaire

David A. Martin, P.E.

continued

Brown Avenue Canal Improvements, Jefferson Parish, LA. 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. Martin has served as project manager for the duration of the project. (ongoing)

Bayou Segnette Drainage Pump Station Improvements, Jefferson Parish, LA. HDCA is providing engineering services for proposed improvements to the Bayou Segnette Drainage Pump Station No. 1. Improvements to the existing pump station will include 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 is responsible for overall project management and design of all elements related to the mechanical trash rack system. The project is currently under construction and Mr. Martin is serving as the project manager. (ongoing)

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. Martin served as project manager 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, Department of Sewerage, Jefferson Parish, LA. HDCA provided engineering design and detailed evaluations of pre-stressed concrete cylinder pipe (PCCP) pipelines throughout Council Districts 1, 2, 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. Martin prepared contract documents for Council District 4. (2020)

Rehabilitation of the Avondale North Sewerage Pump Station, Jefferson Parish, LA. HDCA was selected to provide professional engineering services for planned improvements to the Avondale North Lift Station located on the west bank of Jefferson Parish. The existing station is a submersible type with four total pumps, only one of which is currently operational. The total discharge capacity at the site is 12,000 GPM. HDCA prepared construction documents for a submersible pump with a Premium Efficiency Motor and Variable Frequency Drive (VFD), as well as new controls and valves. Project scope also included the installation of VFD drive components, the replacement of pump controls, valves, and conduits, as well as the cleaning and rehabilitation of the existing wet well. Design of the project was completed but was neither bid nor constructed. Mr. Martin served as Project Manager for the project. (2019)

Rehabilitation of the Jonathan Davis Wastewater Treatment Plant, Department of Sewerage, Jefferson Parish, LA. HDCA provided engineering 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 will be abandoned in favor of a new wetlands assimilation effluent discharge. Project was not constructed. Mr. Martin served as Project Manager. (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. Martin provided mechanical design of the new filter and rotary distributor, design of yard piping modifications and site work, and participated in construction administration of the project. (2017)

Traffic Control Device Plan, Westwego to Harvey Canal Hurricane Protection Project, Jefferson Parish, LA. Mr. Martin prepared a temporary traffic control plan in accordance with the requirements of the MUTCD, LSSRB and applicable USACE applications. (2007)

TEC Professional Services Questionnaire

David A. Martin, P.E.
continued

WASTEWATER COLLECTION & TREATMENT

Improvements to the Terrace Avenue Wastewater Treatment Plant , City of Slidell, LA. HDCA is providing engineering design services to implement mechanical, structural, and process improvements at the City's existing Terrace Avenue WWTP. HDCA had previously provided the City of Slidell with a structural and mechanical assessment of the various existing facilities at the Terrace Avenue WWTP. The plant has an average daily flow of approximately 4.0 MGD and a peak hydraulic capacity of 15 MGD. Facilities and processes to be addressed include the headworks, grit removal system, primary clarifiers, secondary clarifiers, chlorination facility, spray water system, return activated sludge pump station, waste activated pump station, and in-house station. HDCA also prepared construction cost opinions and prepared an application for funding for future improvements through the EPA/LDEQ Clean Water State Revolving Loan Fund which was accepted for funding by LDEQ and EPA. Mr. Martin is serving as Project Manager for the design of the plant. (ongoing)

Farmsite and Torres Lift Station & Force Main Improvements, St. Bernard Parish, LA. HDCA is providing professional design, permitting, bid phase, and construction phase services related to the replacement of existing Lift Station R2-01 in St. Bernard Parish. The existing station will be demolished and decommissioned and replaced with a new station. The new force main for the project will connect the new R2-01 station to the existing Riverbend Oxidation Pond. Mr. Martin is serving as Project Manager overseeing the design of the new station. (ongoing)

Sewer Pump Station Bypass Valve Retrofit Program, City of Slidell, LA. HDCA prepared typical details, bid schedule, and technical specifications for retrofitting emergency bypass valves on existing sewer pump stations in the City's Bayou Pattasat Drainage Basin. HDCA developed several standard details that will encompass the various bypass configurations present within the City's infrastructure system. Mr. Martin served as the project manager, overseeing the design of retrofit configurations. (2019)

Violet Sewer Rehabilitation, Department of Water and Sewer, St. Bernard Parish, LA. HDCA, in association with Burk-Kleinpeter Inc., provided technical services for modifications to sewerage pumping stations and force mains in the Violet Area. Mr. Martin oversaw the preparation of a hydraulic study of the sewerage system in Bentley SewerGEMS, which is being utilized as a guide for the design of improvements to the system. The project consisted of the construction of three new lift stations, complete rehabilitation of a lift station, construction of new force mains, and modifications to the Violet Plant Transfer Station. HDCA prepared the design of two new lift station (reconstructed Station V1-05 and new Station V1- 20) and modifications to the Violet Plant Transfer Station. Mr. Martin prepared the design of all elements for which HDCA was responsible and also provided construction administration for the project. (2018)

Modifications to Sewer Pump Stations F1-03 and F1-01 and Associated Force Mains, St. Bernard Parish, LA. HDCA provided professional engineering services for improvements to the F1-03 and F1-01 sewer pump stations in Arabi, Louisiana. The purpose of the project was to re-route existing force main infrastructure to bypass a poorly performing gravity siphon under the Guerenger Canal. HDCA designed a force main extension from the F1-03 to F1-01 pump stations which included approx. 3,500 linear feet of force main, new air release valves, and multiple trenchless crossings of Louisiana Highway 46. The project also included pumping capacity improvements to the F1-01 and F1-03 Stations. HDCA was responsible for the design of all elements of the project, including civil, process mechanical, and electrical design. Mr. Martin served as Project Manager for HDCA's involvement in the project. This project was successfully bid and constructed. (2018)

Lecompte Wastewater Treatment Plant Repairs, Town of Lecompte, LA. Renovation of treatment pond to include floating covers, trickling filters, and polishing reactors to meet more stringent discharge requirements. Also included Infiltration/Inflow work to reduce loads on pond. Project funded through USDA Rural Utilities Service Grants. Mr. Martin assisted in the development of construction documents. (2017)

Slidell Sewer Pump Station Rehabilitation for Station Nos. 240, 243, 250, 251, City of Slidell, Louisiana. HDCA provided design, bidding and construction administration services for the mechanical and electrical components of sewer lift stations 240, 243, 250 and 251 for the City of Slidell. Stations 243, 250, and 251 were rehabilitated and Station No. 240 was completely reconstructed. All of the existing stations were self-priming sewerage lift stations and were converted, or rebuilt, to be submersible-type stations. HDCA provided engineering services for the design, bidding, and construction management of all four stations. Mr. Martin oversaw the preparation of plans and specifications for the improvements. Construction of this project was successfully completed and all four pump stations are operational. (2017)

Structural and Mechanical Condition Assessment - Terrace Avenue Wastewater Treatment Plant, City of Slidell, LA. HDCA provided the City of Slidell with a structural, mechanical, and civil condition assessment of process elements and general facilities at the Terrace Avenue Wastewater Treatment Plant. HDCA also evaluated existing equipment at the Plant and developed recommendations and cost opinions for rehabilitation and improvements. Mr. Martin served as Project Manager in charge of developing recommendations for the Plant. (2017)

TEC Professional Services Questionnaire

David A. Martin, P.E.

continued

LA 42/LA 73 Sewerage Improvements, Ascension Parish, LA. Mr. Martin served as the project manager for this extension to the sewerage force mains along LA 42/LA 73 in Ascension parish. Improvements to the system include providing sewerage to an uncaptured area, and the addition of a 32, 500 gallon per day extended aeration wastewater treatment facility. HDCA is also responsible for the design of new force mains, treatment facility, odor control, and mechanical modifications to three existing sewerage lift stations. Mr. Martin oversaw the development of plans and specifications for the project. (2017)

Rehabilitation of the Kenner Effluent Pump Station, Kenner Sewer Capital Improvements Program, City of Kenner, LA. HDCA provided engineering services for this pump station rehabilitation which includes expansion of the station from a capacity of 43 MGD to 60 MGD. The project includes new 300 HP vertical turbine pumps, pump isolation valves, discharge manifold modifications to allow the station to feed two effluent force mains, and extensive electrical and controls modifications.

The project also includes the evaluation of the existing pre-stressed concrete cylinder pipe (PCCP) effluent pipeline using electromagnetic and acoustic techniques. Mr. Martin served as Project Manager/Engineer, responsible for design of mechanical and civil elements and preparation of contract documents. (2016)

Administration Building Sewerage Lift Station, Methanex Plant (Item X-921), Geismar, LA. HDCA prepared certified design documents for a duplex submersible sewerage lift station for service of an administrative building at the new Methanex Plant in Geismar, LA. HDCA designed the station, with a capacity of approximately 70 gallons per minute, which feeds the internal plant wastewater plant (also designed by HDCA). Mr. Martin served as Project Manager. (2013)

Wastewater Treatment Plant – Methanex Plant (Item X-920), Geismar, LA. HDCA prepared certified engineering plans for a packaged wastewater treatment plant at the Methanex Plant located in Geismar, Louisiana. The plant is a single-cell batch reactor-type plant and includes an aerated equalization tank, reactor cell, and chlorine contact chamber. The plant has a capacity of 25,000 gallons per day and was successfully constructed. Mr. Martin oversaw the preparation of all plans. (2013)

Wastewater Treatment Plant Effluent Pump Station Hydraulic Study, Department of Public Works, City of Kenner, LA. HDCA provided engineering services related to proposed improvements to the effluent pump station at the Kenner Wastewater Treatment Plant (WWTP), as well as internal plant improvements. HDCA prepared a study including recommendations for improving the existing station's capacity from 43 MGD to 60 MGD. HDCA provided cost opinions related to those recommendations and for recommended hydraulic and process improvements. Mr. Martin was responsible for evaluation and recommendation of various alternatives. (2012)


Pre-Treatment Facility, Reptile Tannery of Louisiana, Lafayette, LA. As a sub-consultant to Royal Engineers and Consultants, HDCA provided preliminary and engineering detailed design services for a pre-treatment facility at RTL's Lafayette Tanning Facility. During preliminary design, HDCA assisted Royal in evaluation of several biological and physical treatment processes. Due to the high biological loadings and low flow rates, a sequencing batch reactor (SBR) technology coupled with a dissolved air flotation (DAF) unit was selected for the plant design. In the final design, HDCA prepared detailed drawings for all mechanical components of the plant, including pumps, piping, valves, and other appurtenances. Mr. Martin was responsible for the preparation of plans & specifications for the mechanical and process components of the plant. (2012)

Lift Station Rehabilitation (Bobbie Lou, Brittany, and Elysian), Department of Pollution Control, Terrebonne Parish Consolidated Government, LA. HDCA provided design and construction phase services related to the complete reconstruction of three sewer lift stations in Houma. HDCA prepared bid documents and provided construction phase services for the project, which included the conversion of these self-priming stations to submersible stations. Mr. Martin was responsible for mechanical and structural design of improvements and development of plans, specifications, and reports and served as project manager for the construction administration of the project. (2012)

Rehabilitation of Sewer Lift Stations, Department of Public Utilities, City of Slidell, LA. Mr. Martin conducted field visits, took field measurements, and assisted in the development of the preliminary design report for this project which involved the mechanical and electrical rehabilitation of eight sewer lift stations throughout the City of Slidell. Mr. Martin assisted with the development of design documents for this project, which had a construction budget of approximately \$1 M. (2008)

FEMA Hurricane Recovery and Restoration - Sewer Pump Station Rehabilitation Package No. 11, Department of Water and Sewer, St. Bernard Parish, LA. HDCA was responsible for the design, bidding, and construction administration for the rehabilitation of 12 sewer pump stations damaged by Hurricane Katrina including the replacement of pumps and control panels along with the implementation of various Hazard Mitigation measures. The design of this project was completed within a two week period and was successfully bid and constructed (\$2.2 M construction cost). Mr. Martin assisted in design and construction phase services. (2008)

TEC Professional Services Questionnaire

| KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT |
|---|
| Name & Title: |
| Rachel Merkl Civil Designer |
| Project Assignment: |
| Civil Designer |
| Name of Firm with which associated: |
|  H. Davis Cole & Associates, LLC |
| Years' experience with this Firm: |
| 3 (2018) |
| Education: Degree(s)/Year/Specialization: |
| B.S., 2017, Civil & Environmental Engineering, University of New Orleans |
| Active Registration: Year first registered/discipline: |
| Traffic Control Supervisor & Technician Certification, ATSSA, 2019 |
| Other experience and qualifications relevant to the proposed Project: |
| <p>Ms. Merkl is a degreed civil engineer currently enrolled in a master's program in Architecture. She joined HDCA as a member of the Engineering Design team and assists with the creation of design documents for infrastructure projects. Ms. Merkl is skilled in AutoCAD, ArcGIS, RISA, HEC-GeoHMS, HEC-GeoRAS, EPANET, SketchUp and HEC-RAS, as well as the Adobe Creative Suite of programs.</p> <p>EXPERIENCE WITH JEFFERSON PARISH</p> <p>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). Ms. Merkl is assisting with the preparation of construction drawings for the project. (ongoing)</p> <p>N. Hullen Drainage Improvements, Jefferson Parish, LA. HDCA is providing professional design services to Jefferson Parish for the preparation of construction documents for drainage and roadway improvements on North Hullen Street. The planned improvements to the street include subsurface drainage capacity improvements between 7th Street and the West Esplanade Canal and a complete reconstruction of the existing roadway. Ms. Merkl is assisting with the development of construction documents for the project. (ongoing)</p> <p>Bayou Segnette Drainage Pump Station Improvements, Jefferson Parish, LA. HDCA is providing engineering services for proposed improvements to the Bayou Segnette Drainage Pump Station No. 1. Improvements to the existing pump station will include the construction of a catwalk system to connect the pump station building to the proposed new access bridge, demolition of existing stationary bar racks upstream, construction of a new "Waskey" type bridge, installation of catenary trash rack system, and required electrical and controls facilities necessary to support such improvements. HDCA is responsible for overall project management and design of all elements related to the mechanical trash rack system. Ms. Merkl assisted with the preparation of construction documents. (ongoing)</p> <p>Brown Avenue Canal Improvements, Jefferson Parish, LA. 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 was recently successfully bid and construction began in early 2021. Ms. Merkl has assisted with the preparation of construction documents for both phases of the project. (ongoing)</p> |

TEC Professional Services Questionnaire

Rachel Merkl

continued

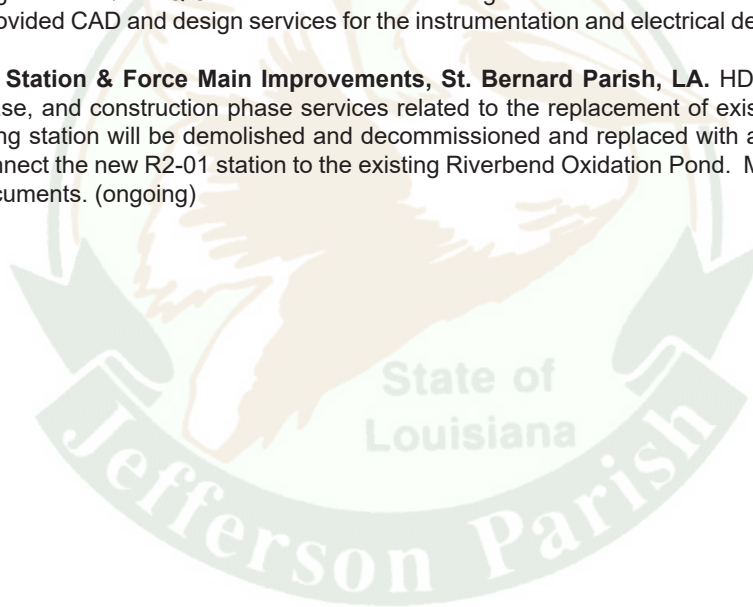
Metairie Road Smart Growth Program: Causeway Boulevard Intersection, Jefferson Parish, LA. HDCA is designing improvements at the intersection of Causeway Boulevard and Metairie Road as part of the overall revitalization and re-branding of the Metairie Road corridor. The scope of HDCA's project includes the removal and replacement of the existing asphalt, removal and replacement of ADA ramps, restriping of the pedestrian crossings, and the addition of pedestrian lighting and landscaping elements. The project is currently in the final phase of design. Ms. Merkl is assisting with the preparation of construction documents for the project. (ongoing)

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 of the Parish to provide for a dormitory and staging area for staff during emergency operations. Ms. Merkl assisted with the design of plans for the project and has provided periodic field services throughout construction. Construction was completed and the facility is currently in-use. (2020)


WASTEWATER COLLECTION & TREATMENT

Improvements to the Terrace Avenue Wastewater Treatment Plant, City of Slidell, LA. HDCA was selected to provide engineering design services to implement mechanical, structural, and process improvements at the City's existing Terrace Avenue WWTP. HDCA had previously provided the City of Slidell with a structural and mechanical assessment of the various existing facilities at the Terrace Avenue WWTP. The plant has an average daily flow of approximately 4.0 MGD and a peak hydraulic capacity of 15 MGD. Facilities and processes to be addressed include the headworks, grit removal system, primary clarifiers, secondary clarifiers, chlorination facility, spray water system, return activated sludge pump station, waste activated pump station, and in-house station. HDCA also prepared construction cost opinions and prepared an application for funding for future improvements through the EPA/LDEQ Clean Water State Revolving Loan Fund which was accepted for funding by LDEQ and EPA. Ms. Merkl has provided CAD and design services for the instrumentation and electrical design of the project. (ongoing)

Farmsite and Torres Lift Station & Force Main Improvements, St. Bernard Parish, LA. HDCA is providing professional design, permitting, bid phase, and construction phase services related to the replacement of existing Lift Station R2-01 in St. Bernard Parish. The existing station will be demolished and decommissioned and replaced with a new station. The new force main for the project will connect the new R2-01 station to the existing Riverbend Oxidation Pond. Ms. Merkl is assisting with the development of design documents. (ongoing)



TEC Professional Services Questionnaire

| KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT |
|---|
| Name & Title: |
| John Baucum Construction Manager |
| Project Assignment: |
| Resident Project Representative |
| Name of Firm with which associated: |
|  H. Davis Cole & Associates, LLC |
| Years' experience with this Firm: |
| 10 (2011) |
| Education: Degree(s)/Year/Specialization: |
| A.A., 2021, Business Administration, Pearl River Community College ASCE Construction Engineering Certificate Program (CERCE17) |
| Active Registration: Year first registered/discipline: |
| Traffic Control Supervisor & Technician Certification, ATSSA, 2018 |
| Other experience and qualifications relevant to the proposed Project: |
| <p>Mr. Baucum is an experienced water & 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>EXPERIENCE WITH JEFFERSON PARISH</p> <p>Brown Avenue Canal Improvements, Jefferson Parish, LA. 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>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. 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>Idaho Avenue Drainage Improvements, City of Kenner, LA. HDCA provided "third-party" resident inspection services in support of construction administration activities for this project which included the construction of large diameter drainage piping along Idaho Avenue between 24th and 25th Streets in the City of Kenner. Mr. Baucum provided inspection services for excavation, bedding, and backfill for large diameter reinforced concrete pipe arch drain lines, relocation of existing water lines concrete pavement, and sidewalk reconstruction. Mr. Baucum also coordinated with the City, Contractor, and Residents to ensure that local businesses and residences were minimally impacted by the Contractor's operations. Construction was successfully completed. (2016)</p> <p>Sewer Lift Station L12-3 Rehabilitation, Department of Sewerage, Jefferson Parish, LA. 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> |

TEC Professional Services Questionnaire

John Baucum
continued

WASTEWATER COLLECTION & TREATMENT

Improvements to the Terrace Avenue Wastewater Treatment Plant , City of Slidell, LA. HDCA is providing engineering design services to implement mechanical, structural, and process improvements at the City's existing Terrace Avenue WWTP. HDCA had previously provided the City of Slidell with a structural and mechanical assessment of the various existing facilities at the Terrace Avenue WWTP. The plant has an average daily flow of approximately 4.0 MGD and a peak hydraulic capacity of 15 MGD. Facilities and processes to be addressed include the headworks, grit removal system, primary clarifiers, secondary clarifiers, chlorination facility, spray water system, return activated sludge pump station, waste activated pump station, and in-house station. HDCA also prepared construction cost opinions and prepared an application for funding for future improvements through the EPA/LDEQ Clean Water State Revolving Loan Fund which was accepted for funding by LDEQ and EPA. Mr. Baucum's experience as a former plant operator has allowed him to assist with equipment recommendations throughout the design of the plant. Construction of improvements is currently underway and Mr. Baucum is providing daily project representation services. (ongoing)


Modifications to Sewer Pump Stations F1-03 and F1-01 and Associated Force Mains, St. Bernard Parish, LA. HDCA provided professional engineering services for improvements to the F1-03 and F1-01 sewer pump stations in Arabi, Louisiana. The purpose of the project was to re-route existing force main infrastructure to bypass a poorly performing gravity siphon under the Guerenger Canal. HDCA designed a force main extension from the F1-03 to F1-01 pump stations which included approx. 3,500 linear feet of force main, new air release valves, and multiple trenchless crossings of Louisiana Highway 46. The project also included pumping capacity improvements to the F1-01 and F1-03 Stations. HDCA was responsible for the design of all elements of the project, including civil, process mechanical, and electrical design. Mr. Baucum assisted with construction administration of the project. (2018)

Oak Grove Wastewater Treatment Plant Expansion, Engineering Department, Ascension Parish, LA. Mr. Baucum provided Resident Inspection Services for the Construction Phase of this sewerage improvement project for Ascension Parish Government. The project involved the extension of sewerage force mains along LA 42/LA 73 to provide sewerage service to an uncaptured area, as well as the addition of a 32,500 gallon per day extended aeration wastewater facility. HDCA prepared the design of the new force mains, treatment facility, odor control, and mechanical modification to three existing sewerage lift stations. (2017)

Structural and Mechanical Condition Assessment of the Terrace Avenue Wastewater Treatment Plant, City of Slidell, LA. HDCA provided the City of Slidell with a comprehensive structural, mechanical, and civil condition assessment of process elements and general facilities at the Terrace Avenue Wastewater Treatment Plant. HDCA evaluated the existing equipment at the Plant and developed recommendations and cost opinions for rehabilitation and improvements. Mr. Baucum, as a former plant operator, was instrumental in the assessment of the facility through field visits and assisting with recommendations for areas of improvement at the plant. (2017)

Rehabilitation of the Bobbie Lou, Brittany, and Elysian Sewer Lift Stations, Department of Pollution Control, Terrebonne Parish Consolidated Government, LA. Mr. Baucum served as Construction Inspector for this project which involved the complete rehabilitation of three sewer lift stations in Terrebonne Parish. The stations were converted from self-priming stations to submersible type stations. Mr. Baucum was responsible for capturing images related to the progress of the work, observations of construction quality, preparation of daily inspection reports, and coordination between the contractor, owner, and other stakeholders. (2012)

TEC Professional Services Questionnaire

| KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT |
|--|
| Name & Title: |
| Jason Guy Construction Project Manager (<i>Contractor</i>) |
| Project Assignment: |
| Construction Phase Services |
| Name of Firm with which associated: |
|  H. Davis Cole & Associates, LLC |
| Years' experience with this Firm: |
| <i>Contractor</i> (Since 2015) |
| Education: Degree(s)/Year/Specialization: |
| B.S., 1995, Civil Engineering, Louisiana State University |
| Active Registration: Year first registered/discipline: |
| Not Applicable |
| Other experience and qualifications relevant to the proposed Project: |
| <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 & Rita in St. Bernard Parish, Louisiana.</p> <p>CONSTRUCTION PROGRAM MANAGEMENT</p> <p>Roadway Rehabilitation Program, St. Bernard Parish Government, LA. 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>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)</p> <p>Canal Crossing Projects, St. Bernard Parish Government, LA. 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)

Program Management Services for FEMA Funded Capital Repairs – Gravity Sewer Repairs, Department of Public Works, St. Bernard Parish, LA. 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)


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)

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 |
|--|
| Name & Title: |
| Angie Triche Administrative/Project Controls |
| Project Assignment: |
| Administrative/Project Controls |
| Name of Firm with which associated: |
|  H. Davis Cole & Associates, LLC |
| Years' experience with this Firm: |
| 13 (2008) |
| Education: Degree(s)/Year/Specialization: |
| B.S., 2013, Management, University of Phoenix |
| Active Registration: Year first registered/discipline: |
| Not Applicable |
| Other experience and qualifications relevant to the proposed Project: |
| <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>Hurricane Recovery Administrative & Program Management, St. Bernard Parish, LA. 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>SBSA Task Orders 3, 7, 8, 9, 11, 13, 50, 64, 87, 92, 97. 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

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


PROJECT NO. 1

| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
|--|--|--------------------------------------|
| <p>Improvements to the Ehret & Broas Lift Station (L-13-6) Jefferson Parish, LA</p> <p>Jefferson Parish Department of Capital Projects 1221 Elmwood Park Blvd., Suite 906 Jefferson, LA 70123</p> <p>Neil Schneider, P.E., Director (504) 736-6833 nschneider@jeffparish.net</p> | <p>HDCA is providing design, permitting, bid phase and construction phase services related to the restoration of functionality at the existing L-13-6 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). The project is currently in the final stage of design.</p> <p><i>Role: Engineering Design, Bid Phase Services, Construction Phase Services</i></p> <p><i>Relevant Scope: Sewerage Lift Station Improvements, Hydraulic Calculations, Sewerage Collection System Improvements, Experience with Jefferson Parish</i></p> | |
| <div style="display: flex; justify-content: space-around;">   </div> <p style="text-align: center;"><i>Existing Conditions of the Ehret & Broas Lift Station prior to improvements.</i></p> | | |
| Completion Date (Actual or Estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| 2022 (E) | \$880,000.00 (E) | \$57,000.00 (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. 2

| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
|---|--|---|
| <p>Lift Station L12-3 Rehabilitation Jefferson Parish, LA</p> <p style="text-align: center;">Jefferson Parish Department of Sewerage 1221 Elmwood Park Blvd., Suite 803 Jefferson, LA 70123</p> <p style="text-align: center;">Mike Lockwood, Director (504) 736-6661 jpsewerage@jeffparish.net</p> | <p>HDCA prepared construction documents and provided construction phase services for the relocation of a lift station to replace an obsolete station previously in operation. The new station is a triplex station with three 100 HP submersible sewage-handling pumps. The project also included the construction of 350 linear feet of deep (20+ ft) 24" gravity sewer and 350 linear feet of 16" force main, as well as associated network modifications. HDCA prepared the design of all elements. HDCA also designed and administered the construction of network modifications to connect the new station to a previously installed force main extension. The overall capacity of the reconstructed station is 3100 GPM. Construction cost was \$1.5M. Construction was successfully completed in 2013 and the new station is in operation.</p> <p><i>Role: Preliminary Design, Final Design, Bid Phase Services, Construction Phase Services, Permitting and Resident Project Representative Services</i></p> <p><i>Relevant Scope: Sewerage Lift Station Improvements, Hydraulic Calculations, Sewerage Collection System Improvements, Experience with Jefferson Parish</i></p> <div style="text-align: center;">  </div> <p style="text-align: center;"><i>Relocated and Rehabilitated Station L12-3 in Jefferson Parish</i></p> | |
| Completion Date (Actual or Estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| 2013 | \$1,500,000.00 | \$180,000.00 (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>Terrebonne Parish Lift Station Rehabilitation (Bobbie Lou, Brittany, and Elysian) Terrebonne Parish, LA</p> <p>Terrebonne Parish Consolidated Government Public Works Department 1860 Grand Caillou Road Houma, LA 70363</p> <p>David Rome Director of Public Works 985-873-6735</p> | <p>HDCA provided design, bidding, construction administration and resident project representative services related to the complete reconstruction of three sewer lift stations in Houma. HDCA prepared the preliminary design report, as well as plans and specifications for the project, which included the conversion of these self-priming stations to submersible stations, including new pumps, piping, valves, and protective coatings and wet well rehabilitation. The stations included the Brittany, Bobbie Lou, and Elysian Stations. The construction of the project was successfully completed in 2013 and all stations are currently in operation. Construction was funded under the Louisiana Department of Environmental Quality (LDEQ) Clean Water State Revolving Fund (CWSRF) Project.</p> <p><i>Role: Preliminary Design, Final Design, Bid Phase Services, Construction Phase Services, Permitting and Resident Project Representative Services</i></p> <p><i>Relevant Scope: Sewerage Lift Station Improvements, Hydraulic Calculations, Sewerage Collection System Improvements</i></p> | |
|  |  | |
| Reconstructed "Brittany" Sewer Lift Station | Reconstructed "Bobbie Lou" Sewer Lift Station | |
| Completion Date (Actual or Estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| 2013 | \$739,000.00 | \$122,000.00 (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. 4

Project Name, Location and Owner's contact information:

**LA 42/LA 73 Sewerage Improvements/ Expansion of the Oak Grove Wastewater Treatment Plant
Ascension Parish, LA**

Ascension Parish Government
Engineering Department
42077 Churchpoint Road
Gonzales, LA 70737

Ron Savoy
225-450-1013
rsavoy@apgov.us

Nature of Firm's Responsibility:

H. Davis Cole & Associates, LLC served as the consulting engineer for this project for Ascension Parish. The project involved the extension of sewerage force mains along LA 42/LA 73 to provide sewerage service to an uncaptured area, as well as the addition of a 32,500 gallon per day extended aeration wastewater treatment facility. HDCA prepared the design of the new force mains, treatment facility, odor control, and mechanical modifications to three existing sewerage lift stations. HDCA also provided services pertaining to modifications of LDEQ and LDHH permits for the project. HDCA also worked with DOTD to obtain the appropriate project permits. HDCA also provided resident inspection services for the construction of both phases of this project.

Role: Preliminary Design, Final Design, Bid Phase Services, Construction Phase Services, Permitting and Resident Project Representative Services

Relevant Scope: Sewerage Lift Station Improvements, Hydraulic Calculations, Sewerage Collection System Improvements



Completion Date (Actual or Estimated):

Estimated Cost:

Entire Project:

Work for which Firm was Responsible:

2015

\$1,000,000.00

\$99,000.00 (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: | |
|---|--|--------------------------------------|
| Violet Sewer Rehabilitation St. Bernard Parish, LA St. Bernard Parish Department of Public Works 1125 East St. Bernard Highway Chalmette, LA 70043 Matt Falati, P.E., Director 504-278-4314 mfalati@sbpgg.net | HDCA, in association with Burk-Kleinpeter Inc., provided technical services for modifications to sewerage pumping stations and force mains in the Violet area. HDCA oversaw the preparation of a hydraulic model of the sewerage system in Bentley SewerGEMS, which was utilized as a guide for the design of improvements to the system. The project consisted of the construction of three new lift stations, complete rehabilitation of one existing lift station, construction of new force mains, and modifications to the Violet Plant Transfer Station. HDCA prepared the design of two new lift station (reconstructed Station V1-05 and new Station V1-20) and modifications to the Violet Plant Transfer Station. Reconstructed stations V1-05 and V1-20 are triplex, variable speed stations, and the Violet plant transfer station are fitted with surge relief valve (SRV) assemblies. HDCA also provided construction administration efforts for the project. <i>Role: Preliminary Design, Final Design, Bid Phase Services, Construction Phase Services, Permitting and Resident Project Representative Services</i> <i>Relevant Scope: Sewerage Lift Station Improvements, Hydraulic Calculations, Sewerage Collection System Improvements</i> | |
| Completion Date (Actual or Estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| 2018 | \$5,320,000.00 | \$415,000.00 (fee) |

PROJECT NO. 6

| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
|---|--|--------------------------------------|
| Reconstruction of Lift Station 19 City of Mandeville, LA City of Mandeville Department of Public Works 1100 Mandeville High Boulevard Mandeville LA 70471 Keith LaGrange, Jr., P.E. Director of Public Works 985-624-3169 | HDCA provided design services for the reconstruction of Lift Station No. 19, operated by the City of Mandeville's Department of Public Works. The project consisted of the construction of a new duplex submersible sewerage lift station to replace the existing self-priming lift station previously in service. The project included relocation of gravity sewer, new pumps, valves, and protective coatings. The new station has a capacity of approximately 960 gallons per minute (GPM), and serves the Weldon Park subdivision near Mandeville High School. HDCA also provided construction administration services for the duration of construction. <i>Role: Preliminary Design, Final Design, Bid Phase Services, Construction Phase Services</i> <i>Relevant Scope: Sewerage Lift Station Improvements, Hydraulic Calculations, Sewerage Collection System Improvements</i> | |
| Completion Date (Actual or Estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| 2015 | \$600,000.00 | \$54,000.00 (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. 7 | | |
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
| <p>Farmsite Area Sewerage Lift Station Reconstruction & Force Main St. Bernard Parish, LA</p> <p>St. Bernard Parish Department of Public Works 1125 East St. Bernard Highway Chalmette, LA 70043</p> <p>Matt Falati, P.E., Director 504-278-4314 mfalati@sbpg.net</p> | <p>HDCA is providing design, permitting, bid phase and construction phase services related to the restoration of functionality at the Farmsite & Torres Lift Station (R2-01). The station is responsible for pumping flow from existing stations R2-02, R2-03, and R2-04 to the Riverbend Wastewater Treatment Plant. The aging, existing station will be replaced with a duplex submersible station with a target capacity of 1,000 gallons per minute to improve conveyance to the treatment plant. HDCA is also designing force mains to connect the station to the nearby Riverbend Oxidation Pond. Design has been completed and the project is awaiting bidding.</p> <p><i>Role: Preliminary Design, Final Design, Bid Phase Services, Construction Phase Services</i></p> <p><i>Relevant Scope: Sewerage Lift Station Improvements, Hydraulic Calculations, Sewerage Collection System Improvements</i></p> | |
| Completion Date (Actual or Estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| 2021(E) | \$830,000.00(E) | \$92,000.00 (fee) |
| PROJECT NO. 8 | | |
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
| <p>Sewer Lift Station Rehabilitation for Nos. 240, 243, 250 & 251 City of Slidell, LA</p> <p>City of Slidell Department of Engineering Post Office Box 828 Slidell, LA 70459</p> <p>Blaine Clancy, P.E., City Engineer 985-646-4270 bclancy@cityofslidell.org</p> | <p>HDCA provided engineering design services for the mechanical and electrical components of sewer lift stations 240, 243, 250 and 251 for the City of Slidell. Stations 243, 250, and 251 were rehabilitated and Station No. 240 was completely reconstructed. All of the existing stations were self-priming sewerage lift stations and were converted, or rebuilt, to be submersible-type stations. HDCA provided engineering services for the design, bidding, and construction management of all four stations. The project was successfully let and constructed with all lift stations currently in operation.</p> <p><i>Role: Preliminary Design, Final Design, Bid Phase Services, Construction Phase Services</i></p> <p><i>Relevant Scope: Sewerage Lift Station Improvements, Hydraulic Calculations, Sewerage Collection System Improvements</i></p> | |
| Completion Date (Actual or Estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| 2017 | \$1,450,000.00 | \$81,000.00 (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. 9

| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
|---|---|--------------------------------------|
| <p>Rehabilitation of the Effluent Pump Station at Wastewater Treatment Plant No. 3 City of Kenner, LA</p> <p style="text-align: center;">City of Kenner Department of Public Works 1610 Rev. Richard Wilson Drive Kenner, LA 70062</p> <p style="text-align: center;">Tom Schreiner Deputy CAO Public Works and Capital Projects 504-468-7515 tschreiner@kenner.la.us</p> | <p>HDCA designed the complete rehabilitation of the Kenner WWTP No. 3 Effluent Pump Station. The project consisted of mechanical and electrical improvements to increase the station's capacity from 43.0 MGD to 60.0 MGD. Rehabilitation measures included the replacement of six existing 150 HP pumps with new 300 HP vertical turbine pumps, new valves (including Surge Relief Valves), extensive modifications to the discharge manifold (to allow the station to discharge to two force mains), new controls, new protective coatings and minor structural repairs. HDCA also conducted a hydraulic analysis of the proposed future parallel force main system. Furthermore, HDCA prepared plans and specifications for an electromagnetic condition assessment of the City's pre-stressed concrete cylinder pipe effluent pipeline. HDCA also provided construction phase services. The rehabilitation was completed in 2016 and is now operational.</p> <p><i>Role: Preliminary Design, Final Design, Bid Phase Services, Construction Phase Services, Permitting Services</i></p> <p><i>Relevant Scope: Sewerage Lift Station Improvements, Hydraulic Calculations, Sewerage Collection System Improvements</i></p> | |
| <div style="display: flex; justify-content: space-around; align-items: center;">   </div> <p style="text-align: center;"><i>Effluent Pump Station prior to Rehabilitation</i></p> | | |
| Completion Date (Actual or Estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| 2016 | \$4,500,000.00 | \$184,000.00 (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. 10

Project Name, Location and Owner's contact information:

Nature of Firm's Responsibility:

**Improvements to the Terrace Avenue Wastewater Treatment Plant
City of Slidell, LA**

City of Slidell
Department of Engineering
Post Office Box 828
Slidell, LA 70459

Blaine Clancy, P.E., City Engineer
985-646-4270
bclancy@cityofslidell.org

HDCA is providing engineering design services to implement mechanical, structural, and process improvements at the City's existing Terrace Avenue WWTP. HDCA had previously provided the City of Slidell with a structural and mechanical assessment of the various existing facilities at the Terrace Avenue Treatment Plant. The plant has an average daily flow of approximately 4.0 MGD and a peak hydraulic capacity of 15 MGD. HDCA worked closely with the Owner to assess various plant facilities including the headworks, grit removal system, primary clarifiers, secondary clarifiers, chlorination facility, spray water system, return activated sludge pump station, waste activated pump station, and in-house station. Proposed improvements at the plant were all structural and mechanical or civil in nature. HDCA also prepared construction cost opinions and prepared an application for funding for future improvements through the EPA/LDEQ Clean Water State Revolving Loan Fund which was accepted for funding by LDEQ and EPA. The project was successfully bid and is currently under construction with HDCA providing daily resident project representation services and construction administration for the project.

Role: Preliminary Design, Final Design, Bid Phase Services, Construction Phase Services, Permitting Phase, Resident Inspection Services

Relevant Scope: Sewerage Collection System Improvements, Hydraulic Calculations



Aerial views of the existing conditions of the City of Slidell's Terrace Avenue Wastewater Treatment Plant

Completion Date (Actual or Estimated):

Estimated Cost:

Entire Project:

Work for which Firm was Responsible:

2022 (E)

\$8,542,000.00

\$997,000.00 (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.



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, Baton Rouge, and New Orleans, Louisiana.

HDCA's staff members have an average of over 20 years 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



**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.

of expertise 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.

Since the firm's founding 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 area. HDCA has successfully completed wastewater infrastructure improvement and rehabilitation projects from inception to construction, and our level of involvement in previous projects has included assessments, preliminary design, final design services, environmental permitting, bid phase services and construction phase services. At all phases, HDCA carefully considers the Owner's interests and operational preferences resulting in a highly customized design that will meet the needs of both Jefferson Parish. HDCA's team has provided professional services for projects of a similar nature and feel confident that our engineering personnel can fully support the Owner's interests both during design and throughout construction for this important project.

HDCA has participated in sewerage collection and treatment system improvement projects for infrastructure of all ages, sizes, and configurations; and through this experience, our staff members have gained a thorough understanding of the nuances that accompany the hydraulics, biology and chemistry that must be considered with any sewerage project. 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 design team's philosophy with any water-related infrastructure project is to incorporate sound hydraulic, mechanical, and electrical design principles along with operator preferences to design a long-lasting, easily-operated and maintained facility.

2. Size of firm.

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.

Minimum Requirements for Selection:

- 1. The persons or firms under consideration shall have at least one (1) principal who is a licensed, registered, professional engineer in the State of Louisiana.**
This requirement is met by Mr. H. Davis Cole, P.E., the principal engineer of HDCA.
- 2. The persons or firms under consideration shall have a professional in charge of the Project who is a licensed, registered, professional**

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.




engineer in the State of Louisiana with a minimum of five (5) years' experience.

This requirement can be met by either of HDCA's professional civil engineers: Mr. H. Davis Cole, P.E. and Mr. David Martin, P.E.. Both of whom are licensed professional engineers in the State of Louisiana and have more than a decade of experience working on wastewater projects.

3. The persons or firms under consideration shall have one (1) employee who is a licensed, registered, professional engineer, surveyor or landscape architect in the State of Louisiana in each of the applicable disciplines involved.

This requirement can be met by both of HDCA's professional civil engineers: Mr. H. Davis Cole, P.E. and Mr. David Martin, P.E.. Both of whom are licensed professional engineers in the State of Louisiana and have more than a decade of experience working on wastewater projects.

HDCA's proposed team's combined professional experience is depicted in the table below:

| Specialty | Licensed Professional | Firm Associated | Highest Education | Years of Experience |
|---------------------------------|---|---|--|---------------------|
| Civil Engineering | H. Davis Cole, P.E. David A. Martin, P.E. |  | BSCE, 1998, Civil & Environmental Engineering, Louisiana State University BS, 2008, Civil Engineering, Louisiana State University | 22 14 |
| Surveying | Bryant O. Hammett, Jr., P.E., PLS Hugh "Bud" McCurdy, III, PLS |  | BSCE, 1978, Civil Engineering, Louisiana Technical University Non-Degreed | 37 40 |
| Geotechnical Engineering | Mark A. Cheek, P.E., FACI Alex Jaramillo, P.E. |  | BS, 1993, Civil Engineering, University of New Orleans BS, 1999, Civil Engineering, University of New Orleans | 30 25 |

3. 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 the Rehabilitation of the Transcontinental & Belle Lift Station 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.

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

| Project Name | Stage |
|--|--|
| Price Brothers Force Main Assessments (Council Districts 1, 2, 3, & 4) | Assessment (Dormant) |
| Bayou Segnette DPS No. 1 Bridge & Climber Screen | Construction Ongoing |
| Avondale North Sewer Lift Station (F-10-1) | Design Phase (Dormant) |
| Brown Avenue Canal Improvements | Phase I: Completed Phase II: Construction Ongoing |
| Ehret & Broas Lift Station | Design Phase (Final Design Submitted) |
| Metairie Road Smart Growth - Causeway Interchange | Design Phase |
| N. Hullen Street Drainage Improvements | Bid Phase Services |
| Harvey Revitalization Study | Study Phase Ongoing |

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. | |
| Ames Blvd. Resurfacing (Construction Administration) | Construction Ongoing |
| Cousins Blvd. Extension (sub to Digital Engineering) | Construction Phase Services Only (Not Yet Started) |
| Avondale Library (sub to N-Y Associates) | 65% Design Phase |
| | <p>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.</p> |
| 4. 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. | <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.</p> <ul style="list-style-type: none"> • <i>Donny Bourgeois, Recovery Manager, 504-278-1593, St. Bernard Parish Government, Louisiana</i> • <i>Mike Noto, Deputy Chief Administrative Officer, 985-646-4330, City of Slidell, Louisiana</i> • <i>Blaine Clancy, P.E., City Engineer, 985-646-4270, City of Slidell, Louisiana</i> • <i>Donna O'Dell, P.E., PhD, Asst. Director - Capital Projects, 985-2552, St. Tammany Parish Government, Louisiana</i> • <i>Mike Enlow, Project Manager, (225) 450-1326, Ascension Parish Government, Louisiana</i> <p>Additional references are available upon request.</p> |
| 5. Location of the principal office where work will be performed. | <p>HDCA has three offices located throughout Southeast Louisiana in Chalmette, Baton Rouge and New Orleans. Our corporate headquarters is located in New Orleans at 1340 Poydras St., about 20 minutes away from the location of E8-1 in Metairie. This proximity will allow our project managers and design team to be on-site quickly. 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.</p> <p>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 the lift station rehabilitation project and the accompanying roadway improvements.</p> |
| 6. 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. | <p>HDCA has never been involved in litigation with Jefferson Parish.</p> |

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.

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

Over the course of the firm's 15-year existence, HDCA has provided engineering consulting services for nearly every facet of wastewater treatment. While HDCA is a full-service civil and environmental engineering firm, a particular area of expertise for our firm and professional staff is in the arena of "wet" infrastructure, with a specific focus on the construction, rehabilitation, or reconstruction of sewerage lift stations and wastewater systems throughout Louisiana. Our firm and professional staff have participated in the inspection, assessment, rehabilitation, or design of well **over 100 lift stations** for clients such as the City of Slidell, St. Bernard Parish, Terrebonne Parish, and Jefferson Parish. These stations have been of various configurations, including submersible, vertical turbine, vertical turbine solids-handling (VTSH), self-priming, grinder, chopper, and flooded suction-type pumps. The sizes of these stations have ranged from under 100 gallons per minute to a 62 million gallons per day effluent pump station for the City of Kenner.

HDCA is very familiar with all components of wastewater collection including pumping stations, force mains, bypass systems, as well as every aspect of the wastewater treatment process. The firm's breadth of engineering design experience with wastewater systems ranges from simple lift station rehabs to the complex design of large sewerage pump stations and even entire treatment plants. As a testament to our expertise, HDCA is currently providing design services to the City of Slidell for improvements to their existing Terrace Avenue Wastewater Treatment Plant, which services the entire City. HDCA authored a report detailing modifications and replacements needed at the aging facility in order to increase primary treatment capacity and longevity of the facility. Additional goals of the project included the addition of equalization basins to address system-wide inflow/infiltration issues, as well as provide for various mechanical, civil, and structural improvements to extend the services life of the facility. HDCA was selected to design the improvements set forth in the assessment, as well as provide bid and construction phase services throughout the project. The project was successfully bid and is currently under construction.

Through these experiences, as well as those depicted within this TEC Questionnaire, HDCA feels confident that we've assembled a team with ample project understanding and technical ability to successfully undertake the Transcontinental & Belle Lift Station Rehabilitation.



HDCA proposes a team comprising of The Beta Group and Bryant Hammett & Associates, LLC (BHA) to provide comprehensive services to Jefferson Parish for the project based on the anticipated services requested in the RFQ. BHA will provide surveying services for the and The Beta Group will provide any geotechnical engineering which may be required for the project. HDCA will provide civil engineering design services, bidding, construction administration services and resident inspection services (if requested) for the project. We are confident that this team has the experience and expertise that will be required for the successful completion of the project for Jefferson Parish. HDCA personnel have worked with each of the proposed subconsultants successfully on previous projects and feels confident that the same practices can be implemented for the E8-1 project.

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.

PROJECT UNDERSTANDING



The Transcontinental & Belle Lift Station (E8-1) appears to be a dry pit/wet pit station located within the median at the intersection of Transcontinental Drive and Belle Drive in Metairie. HDCA anticipates that Jefferson Parish will rehabilitate the station to be a new submersible station with new odor control piping, fittings, and a new electrical panel and emergency pump out. Due to the location of the existing station within the neutral ground, the rehabilitation can likely be completed with minimal disruption to traffic. The exact configuration of the rehabilitation will be based on a thorough review of the site and a detailed discussion with Jefferson Parish officials regarding their operational and maintenance preferences.



Existing conditions at the Transcontinental & Belle Lift Station in Metairie.

HDCA has significant experience with this type of rehabilitation and has completed similar projects for Jefferson Parish and other local, municipal clients that required a similar approach. We feel confident that the Transcontinental & Belle Lift Station Rehabilitation project matches our firm's technical capabilities. We look forward to applying our staff's capabilities towards this important project for Jefferson Parish.

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

Signature: _____

Print Name: David Alan Martin, P.E.

Title: Vice President

Date: May 26, 2021



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 | 09/30/2022 | Mr. David Alan Martin #PE.0037832-Active Mr. Howard Davis Cole #PE.0030219-Active | |

Small Entrepreneurship Certification - Hudson Initiative

Date: 3/29/2021

Certification ID: 5244

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

Congratulations! Your business has been certified by the Louisiana Department of Economic Development in the Hudson Initiative.

The purposes and intent of this program are to provide the maximum opportunity for Louisiana-based small businesses to become certified under the Hudson Initiative in order to facilitate access to state procurement and public contracts; and to encourage business opportunities for Louisiana small businesses and entrepreneurs.

Annual online re-certification is a requirement to remain certified in this program. As a reminder, the LEDSmallBiz website will automatically send a notification, via email, one month prior to your business's annual re-certification date. Failure to report or failure to report on a timely basis will result in termination for non-compliance of your business's Small Entrepreneurship (Hudson) certification and loss of the benefits of the program.

Now that your business is certified in the Hudson Initiative, your business should register with state purchasing through the LaGov Supplier Portal (LaGov) in order to utilize this program to its fullest potential.

Thank you for participating in the Hudson Initiative. Together we will build a better economy for our state and a stronger business climate for your own success and future.

Stephanie R. Hartman

Director, Small Business Services



DIVISION OF SMALL BUSINESS SERVICES

This certification acknowledges that

H. Davis Cole & Associates, LLC

is Certified-Active as a Small Entrepreneurship with
Louisiana Economic Development's Hudson Initiative.

This certification is valid from 3/29/2021 to 3/29/2022 .

Certification No. 5244

A handwritten signature in black ink, reading "Stephanie Hartman", is written over a horizontal line.

Stephanie Hartman,
Director, Entrepreneurial Services



**Statement of Qualification
Technical Evaluation Committee (TEC)
Questionnaire**

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

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

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

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

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

| | | |
|--|--|---|
| <input type="checkbox"/> Administrative | <input type="checkbox"/> Estimators | <input type="checkbox"/> Specification Writers |
| <input type="checkbox"/> Architects (Licensed) | <input type="checkbox"/> Geologists | <input type="checkbox"/> Structural Engineers |
| <input type="checkbox"/> Chemical Engineers | <input type="checkbox"/> Geotechnical Engineers | <input type="checkbox"/> Graduate Engineers |
| <input type="checkbox"/> Civil Engineers | <input type="checkbox"/> Interior Designers | <input type="checkbox"/> Project Managers |
| <input type="checkbox"/> Construction Inspectors | <input type="checkbox"/> Landscape Architects | <input type="checkbox"/> Clerical |
| <input type="checkbox"/> Ecologists | <input type="checkbox"/> Land Surveyor | <input type="checkbox"/> Grant/Funding Specialist |
| <input type="checkbox"/> Electrical Engineers | <input type="checkbox"/> Mechanical Engineers | <input type="checkbox"/> Sanitary Engineers |
| <input type="checkbox"/> Engineer Intern | <input type="checkbox"/> Environmental Engineers | |
| <input type="checkbox"/> Professional Land Surveyors | | <input type="checkbox"/> TOTAL |

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

If marked "No" skip to Section I. If marked "yes" complete Sections G-H.

TEC Professional Services Questionnaire

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

1.

2.

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

I. List all subcontractors anticipated for this Project. Please note that all subcontractors must submit a fully completed copy of this questionnaire, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.

| Name & Address: | Specialty: | Worked with Firm Before (Yes or No): |
|-----------------|------------|--------------------------------------|
| 1. | | |
| 2. | | |
| 3. | | |

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

TEC Professional Services Questionnaire

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

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Project Assignment:

Name of Firm with which associated:

Years' experience with this Firm:

Education: Degree(s)/Year/Specialization:

Active registration: Year first registered/discipline:

Other experience and qualifications relevant to the proposed Project:

TEC Professional Services Questionnaire

| |
|--|
| KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT: |
| Name & Title: |
| |
| Project Assignment: |
| |
| Name of Firm with which associated: |
| |
| Years' experience with this Firm: |
| |
| Education: Degree(s)/Year/Specialization: |
| |
| Active registration: Year first registered/discipline: |
| |
| Other experience and qualifications relevant to the proposed Project: |
| |

TEC Professional Services Questionnaire

| |
|--|
| KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT: |
| Name & Title: |
| |
| Project Assignment: |
| |
| Name of Firm with which associated: |
| |
| Years' experience with this Firm: |
| |
| Education: Degree(s)/Year/Specialization: |
| |
| Active registration: Year first registered/discipline: |
| |
| Other experience and qualifications relevant to the proposed Project: |
| |

TEC Professional Services Questionnaire

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

PROJECT NO. 1

| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
|---|----------------------------------|--------------------------------------|
| | | |
| Completion Date (Actual or estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| | | |

PROJECT NO. 2

| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
|---|----------------------------------|--------------------------------------|
| | | |
| Completion Date (Actual or estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| | | |

TEC Professional Services Questionnaire

| PROJECT NO. 3 | | |
|--|--|---|
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility | |
| | | |
| Completion Date (Actual or estimated) | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| | | |

| PROJECT NO. 4 | | |
|--|---|---|
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
| | | |
| Completion Date (Actual or estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| | | |

TEC Professional Services Questionnaire

| PROJECT NO. 5 | | |
|--|---|---|
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
| | | |
| Completion Date (Actual or estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| | | |

| PROJECT NO. 6 | | |
|--|---|---|
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
| | | |
| Completion Date (Actual or estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| | | |

TEC Professional Services Questionnaire

| PROJECT NO. 7 | | |
|--|---|---|
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
| | | |
| Completion Date (Actual or estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| | | |

| PROJECT NO. 8 | | |
|--|---|---|
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
| | | |
| Completion Date (Actual or estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| | | |

TEC Professional Services Questionnaire

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

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

TEC Professional Services Questionnaire

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

| Parties: | | Status/Result of Case: |
|-------------------|-------------------|-------------------------------|
| Plaintiff: | Defendant: | |
| 1. | | |
| 2. | | |
| 3. | | |
| 4. | | |

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



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

Signature:  **Print Name:** _____

Title: _____ **Date:** _____

Louisiana Professional Engineering and Land Surveying Board

Hereby Certifies that

The Beta Group Engineering & Construction Services, LLC
*has complied with the regulation of this Board and is authorized
to provide or to offer to provide engineering services in the State of
Louisiana contingent upon payment of the annual renewal fee.*

Baton Rouge Louisiana · 06/09/2011



License Number 4838

John F. Mather
James E. Bowie
Chairman
Secretary



Mayor LaToya Cantrell
City of New Orleans

New Orleans Aviation Board

Hon. Michael G. Bagneris
Chairman

Doug Thornton
Vice-Chairman

Todd Francis
Ruth Kullman
Ti Adelaide Martin
Joseph Nicolosi, Jr.
Roger H. Ogden
Gary L. Smith, Sr.

Kevin C. Dolliole
Director of Aviation

P. O. Box 20007
New Orleans, LA 70141

P: 504-303-7800
F: 504-303-7566

www.flymsy.com

January 13, 2020

Mr. Murray White
The Beta Group Engineering & Construction Services, L.L.C.
1428 1/2 Claire Street
Gretna, LA 70053-

Re: 2020 Annual Update

Dear Mr. White:

Thank you for having responded to our request for your 2020 annual update to maintain your Disadvantaged Business Enterprise (DBE) certification. We have reviewed your Affidavit of No Change, along with the supporting documents, and have determined that your firm continues to meet the DBE guidelines in 49 CFR Part 26. Thus, your firm is certified to fulfill DBE requirements on specified NOAB contracts until your next anniversary date (i.e. *March 31, 2021*).

Service(s):

CONSTRUCTION CONTRACTORS
PROFESSIONAL SERVICES

Area(s) of Work:

541380 - Testing
Laboratories
722 - Field
Laboratories

C01 - Geotechnical
Engineering
CLT - Concrete Labs
and Field Testing

Sincerely,

Philistine Ferrand
DBE Liaison Officer
philisti@flymsy.com - 504.303.7610 - 504.303.7614 fax

PF/SF

STATE & LOCAL DISADVANTAGED BUSINESS ENTERPRISE PROGRAM

1340 Poydras Street, Suite 1800 | New Orleans, LA 70112



December 15, 2020

VIA EMAIL

Murray White
The Beta Group Engineering & Construction Services, L.L.C.
1428 1 ½ Claire Avenue
Gretna, LA 70053
mwhite@betagroupec.com

RE: SLDBE Re-certification Approval

Dear Murray White:

We are pleased to inform you that **The Beta Group Engineering & Construction Services, L.L.C.** has been approved for recertification as a State & Local Disadvantaged Business Enterprise (SLDBE). This approval represents certification with: City of New Orleans, Sewerage & Water Board of New Orleans, Louis Armstrong New Orleans International Airport and Harrah's New Orleans Casino & Hotel.

Your firm's contact information will be active on the online SLDBE Directory (<http://www.nola.gov/economicdevelopment/supplier-diversity/directory/>). It will reflect your areas of certification. Your specialties will be listed as:

CERTIFICATION DESCRIPTION: CONSTRUCTION MATERIALS TESTING; GEOTECHNICAL ENGINEERING; FORENSIC ENGINEERING; CIVIL ENGINEERING; SURVEYING SERVICES

NAICS 236220: PROJECT MANAGEMENT
NAICS 541330: CIVIL ENGINEERING SERVICES
NAICS 541330: ENGINEERING SERVICES
NAICS 541360: GEOPHYSICAL SURVEYING AND MAPPING SERVICES
NAICS 541370: SURVEYING AND MAPPING (EXCEPT GEOPHYSICAL) SERVICES
NAICS 541380: GEOTECHNICAL TESTING LABORATORIES OR SERVICES

A re-certification notice will be emailed to you prior to your renewal anniversary date. **However, should you not receive notification from this office for your re-certification, it is your responsibility to contact us.** Submittal of this information is necessary to ensure that there is no interruption in your certified status during your certification period. If a re-certification application is not received, we will proceed with decertification procedures.

We invite you to view City of New Orleans, Sewerage & Water Board of New Orleans, Louis Armstrong New Orleans International Airport and Harrah's New Orleans Casino & Hotel websites for SLDBE opportunities.

If we can be of further assistance, you may contact us at 504-658-4275 or via e-mail at saoliva@nola.gov.

Sincerely,

Sonia Oliva

Certification Coordinator

Office of Supplier Diversity | City of New Orleans
1340 Poydras Street | Suite 1800 | New Orleans, LA 70112



CERTIFICATE OF APPRECIATION

FOR

SUPPORT OF TASK FORCE GUARDIAN

AWARDED TO

Beta Testing and Inspection LLC

in recognition of the outstanding contributions your company provided in support of Task Force Guardian and the U.S. Army Corps of Engineers in the rebuilding of the Hurricane Protection System of southeast Louisiana. The efforts of your company were integral to meeting the Corps' goal of restoring protection by the June 1 start of hurricane season. The willingness of your employees to work long hours under difficult conditions is a tribute to the professionalism of your company and demonstrates your commitment to rebuilding southeast Louisiana.



**US Army Corps
of Engineers.**
New Orleans District

LEWIS F. SETLIFF III

COLONEL, U.S. ARMY
COMMANDER, TASK FORCE GUARDIAN



**BRYANT HAMMETT
& ASSOCIATES, LLC**
CIVIL ENGINEERING & LAND SURVEYING

**Statement of Qualification
Technical Evaluation Committee (TEC)
Questionnaire**

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Professional Engineering Services related to the design or the Rehabilitation of the Transcontinental and Belle Lift Station (E8-1); Resolution 137449

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

Bryant Hammett & Associates, LLC
1104 Dealers Avenue; Suite A
Harahan, LA 70132

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:

Bryant O. Hammett, Jr. PE/PLS
Owner/Manager
504-733-8004
bhammett@bha-engineers.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.

Hugh 'Bud' McCurdy, III
PLS
504-391-2835
hmccurdy@bha-engineers.com

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

| | | |
|--------------------------------------|-------------------------------------|--------------------------------------|
| <u>3</u> Administrative | <u> </u> Estimators | <u> </u> Specification Writers |
| <u> </u> Architects (Licensed) | <u>1</u> Geologists | <u> </u> Structural Engineers |
| <u> </u> Chemical Engineers | <u> </u> Geotechnical Engineers | <u> </u> Graduate Engineers |
| <u>1</u> Civil Engineers | <u> </u> Interior Designers | <u>2</u> Project Managers |
| <u>4</u> Construction Inspectors | <u> </u> Landscape Architects | <u>2</u> Clerical |
| <u> </u> Ecologists | <u>6</u> Land Surveyor | <u> </u> Grant/Funding Specialist |
| <u> </u> Electrical Engineers | <u> </u> Mechanical Engineers | <u> </u> Sanitary Engineers |
| <u> </u> Engineer Intern | <u> </u> Environmental Engineers | <u>7</u> Other |
| <u>2</u> Professional Land Surveyors | | 28 TOTAL |

F. Is this submitta 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. NA | | |
| 2. NA | | |
| H. Has this JOINT-VENTURE previously worked together? Please check: YES <input type="checkbox"/> NO <input type="checkbox"/> | | |
| I. List all subcontractors anticipated for this Project. Please note that <u>all subcontractors must submit a fully completed copy of this questionnaire</u>, 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. NA | | |
| 2. | | |
| 3. | | |
| J. Please specify the total number of support personnel that may assist in the completion of this Project: <div style="font-size: 1.5em; margin-top: 10px;">12</div> | | |

TEC Professional Services Questionnaire

| |
|---|
| K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e. resume) that demonstrates the employment history and experience of the Firm's key persons that may assist in the completion of this Project. Please attach additional pages if necessary. |
| PROFESSIONAL IN CHARGE OF PROJECT: |
| Name & Title: |
| Bryant O. Hammett, Jr. PE/PLS Owner/Manager |
| Project Assignment: |
| Principal of firm. Project Administrator who is a registered professional engineer/surveyor in LA |
| Name of Firm with which associated: |
| Bryant Hammett & Associates, LLC |
| Years' experience with this Firm: |
| 37 |
| Education: Degree(s)/Year/Specialization: |
| BSCE/1978/Civil Engineering |
| Active registration: Year first registered/discipline: |
| 1983/Civil Engineering, LA 1985/Surveyor, LA 1985/Civil Engineering, MS 1996/Environmental Engineering, LA |
| Other experience and qualifications relevant to the proposed Project: |
| <p>Bryant Hammett, Jr., PE/PLS, has been the sole proprietor of Bryant Hammett & Associates, L.L.C., since 1984. He is a registered Civil and Environmental Engineer and Professional Land Surveyor in Louisiana and is also registered to practice Civil Engineering in the State of Mississippi.</p> <p>Hammett has been the engineer and surveyor of record for numerous types of projects including: wastewater collection and treatment; water treatment, transmission and distribution; natural gas distribution and transmission; electrical transmission; oil transmission; off-system bridges; levee systems; construction servitudes; and roadway and drainage.</p> <p>As infrastructure manager for the Louisiana Office of Community Development's Disaster Recovery Unit, Hammett performed and oversaw professional civil, structural and/or transportation engineering work related to the planning, design, development, construction and maintenance of projects funded under the Louisiana Community Development Block Grant/Disaster Recovery Programs. Such projects included capital improvements, storm water and drainage systems, wastewater systems, potable water systems, natural gas systems, fire protection systems, roads, bridges and utility systems. He managed complex engineering programs; provided professional assistance and technical advice to state and local officials; coordinated project development and implementation with contractors, other departments and other agencies; administered professional services contracts; evaluated requests for changes and/or additional work; directed the work of subordinate professional staff; and performed related work as required. Hammett oversaw the development of programs to rebuild schools damaged by Hurricane Katrina ineligible for FEMA assistance. He oversaw disbursements of more than \$178 million for infrastructure projects in the state related to Hurricanes Katrina and Rita.</p> |

TEC Professional Services Questionnaire

| KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT: |
|--|
| Name & Title: |
| Hugh 'Bud' McCurdy, III, PLS Professional Land Surveyor |
| Project Assignment: |
| Project Surveyor |
| Name of Firm with which associated: |
| Bryant Hammett & Associates, LLC |
| Years' experience with this Firm: |
| 5 |
| Education: Degree(s)/Year/Specialization: |
| non-degreed |
| Active registration: Year first registered/discipline: |
| 1991/Professional Land Surveyor, LA |
| Other experience and qualifications relevant to the proposed Project: |
| <p>Hugh 'Bud' McCurdy, III is a registered land surveyor in Louisiana with over 40 years' experience in land surveying, beginning his career as a rodman in 1973. McCurdy has worked with numerous engineering firms throughout Louisiana as a Professional Land Surveyor.</p> <p>He is involved in all aspects of boundary/property surveys for real estate transfer and the surveying required for engineering, rights-of-way acquisition, and construction projects, and is responsible for courthouse research and coordination of work. McCurdy has provided surveying services for oyster leases; pre- and post-dredging; construction projects, pipelines, accident sites, and boundary establishment. He is responsible for supervision of all field crew activities, drafting, property descriptions, plats, and all surveying-related operations.</p> <p>Mr. McCurdy has extensive experience in all aspects of surveying, including but not limited to property boundary surveys for real estate transfer; subdivision and re-subdivision of properties; topographic and hydrographic survey for engineering and construction; subdivision development including drainage, sewer, and roadway surveying, and preparation of legal descriptions for attorneys. He is registered with the Courts in Orleans, Jefferson, St. Tammany and Plaquemines Parishes.</p> |

TEC Professional Services Questionnaire

| KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT: |
|---|
| Name & Title: |
| Jeff Carey Survey Technician |
| Project Assignment: |
| Survey Technician, Crew Chief |
| Name of Firm with which associated: |
| Bryant Hammett & Associates, LLC |
| Years' experience with this Firm: |
| 9 |
| Education: Degree(s)/Year/Specialization: |
| BS/2009/Disaster Management |
| Active registration: Year first registered/discipline: |
| <div style="display: flex; justify-content: space-between;"> <div> 2010/ASFPM Certified Floodplain Manager US-10-05305 2010/ EMI-273 Managing Floodplain Development through NFIP 2012/Certified Construction Inspector, National Stormwater Center 2018/ATSSA Traffic Control Supervisor, Technician, Flagger </div> <div> 2012/Contractors License: Residential Construction 2012/ FEMA Substantial Damage Estimator (SDE) 1.1 2019/Floodplains and FEMA/NFIP Workshop </div> </div> |
| Other experience and qualifications relevant to the proposed Project: |
| <p>As a land surveyor for BHA, Mr. Carey manages all field work for the South Louisiana survey crews, including scheduling, budgeting, overseeing field procedures and final checking of data. He oversees the activities of multiple survey crews; conducts courthouse research and performs field calculations.</p> <p>Mr. Carey manages field work, collects data in the field and performs field-checking duties at project completion. He manages boundary and topographic surveys and all surveying activity required for civil infrastructure engineering, right-of-way and construction projects. He is involved in all aspects of land surveying projects, including legal descriptions and elevation certificates.</p> <p>Carey aids in the plot plan production for HMA programs, serves as liaison with clients, and performs elevation certificates in south LA.</p> |

TEC Professional Services Questionnaire

| KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT: |
|--|
| Name & Title: |
| Paul Schiele CADD Technician |
| Project Assignment: |
| Draftsman |
| Name of Firm with which associated: |
| Bryant Hammett & Associates, LLC |
| Years' experience with this Firm: |
| 13 |
| Education: Degree(s)/Year/Specialization: |
| B. Arch/2008/Architecture |
| Active registration: Year first registered/discipline: |
| NA |
| Other experience and qualifications relevant to the proposed Project: |
| <p>Paul Shiele provides computer-aided drafting and design for all survey projects, including: drainage projects; state highway, road, and bridge projects; levee surveys; hydrographic and topographic surveys; rights-of-ways maps; accident investigation layouts; crime scene layouts; and survey plats.</p> <p>Schiele is trained in use of AutoCAD, Intellicad, Civil 3D, and Carlson computer drafting software. Mr. Schiele has served as a civil draftsman and CADD technician at BHA since graduating college in 2008. He prepares topographic drawings and maps used in major construction projects such as highways, buildings, bridges, pipelines, flood control structures, roadways, and water and sewerage systems. He provides right-of-way plats, topographic drawings (including horizontal and vertical control) and design services. Has been involved in the computer drafting of several subdivisions, sanitary sewer systems and street and drainage projects for the private sector.</p> <p>Mr. Schiele has significant experience in drafting required for drainage and flood control projects, as well as experience in drafting required for coastal restoration and creation projects</p> |

TEC Professional Services Questionnaire

| KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT: |
|--|
| Name & Title: |
| Matthew Schirling Crew Chief |
| Project Assignment: |
| Field Crew Chief |
| Name of Firm with which associated: |
| Bryant Hammett & Associates, LLC |
| Years' experience with this Firm: |
| 6 |
| Education: Degree(s)/Year/Specialization: |
| non-degreed |
| Active registration: Year first registered/discipline: |
| 2018/ATSSA Certified Technician Supervisor, Technician, Flagger 2014/Delgado Community College AutoCAD certification |
| Other experience and qualifications relevant to the proposed Project: |
| <p>Matt Schirling is a Field Survey Crew with 14 years of experience in land surveying. He has field experience in all aspects of land surveying, including boundary, topographic, and right-of-way, as well as an extensive background in CADD techniques. Mr. Schirling has substantial experience in boundary, utility, heavy civil, and residential contraction surveying.</p> <p>Mr. Schirling is responsible for the day-to-day operations of the field crews, the collection and delivery of accurate field data, the interpretation of data using AutoCAD, and field calculations. He maintains and calibrates all survey instruments, and reviews field notes for accuracy.</p> |

TEC Professional Services Questionnaire

| | | |
|--|--|---|
| L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary. | | |
| PROJECT NO. 1 | | |
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
| Jonathan Davis Consolidation Force Main Project Jefferson Parish, LA Brett Todd 1221 Elmwood Blvd. Ste 803 Jefferson, LA 70123 | BHA performed a hydrographic, magnetometer, boundary, and utility survey for the rehabilitation and extension of a force main in Jefferson Parish, as well as all professional services required to obtain all permits required for the Jonathan Davis Force Main construction, as well as determining ownership of parcels where force main will cross Bayou Barataria and obtaining all permits required for the project (coastal use, DOTD, Sections 10, 408, 404, and pipeline crossing permits). BHA is currently providing resident inspection during the construction phase. | |
| Completion Date (Actual or estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| Dec 2021 (e) | unknown | \$225,000 |

| | | |
|--|---|---|
| PROJECT NO. 2 | | |
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
| Lift Station F8-5 Cleary and West Esplanade Replacement Jefferson Parish, LA Brett Todd 1221 Elmwood Blvd. Ste 803 Jefferson, LA 70123 | BHA performed a topographic, utility, and cross section survey for the replacement of a lift station site located along West Esplanade Ave. between Cleary Ave. and Richland Ave. in Metairie, Louisiana. Cross sections were taken across the roadways, extending to the centerline of the adjacent drainage canal. The apparent right-of-way of the roadways were established, and all topographic features were collected. | |
| Completion Date (Actual or estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| April 2019 | unknown | \$7,460 |

TEC Professional Services Questionnaire

| PROJECT NO. 3 | | |
|--|--|---|
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility | |
| 5th and 9th Street Lift Station Upgrades (M-11-1) Jefferson Parish Sewer Department/Capital Projects Reda Youssef 1221 Elmwood Park Blvd, Suite 906 Jefferson, LA 70123 | BHA provided engineering and construction inspection services for the design of an upgrade to a sewer lift station in Jefferson Parish, including locating all utilities, final design, preparing necessary permits, final cost estimates, coordination with utility owners. | |
| Completion Date (Actual or estimated) | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| June 2020 | \$1MM | ~\$60,000 |

| PROJECT NO. 4 | | |
|--|---|---|
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
| Ridgelake Drive Drainage Improvements Jefferson Parish Jefferson Parish Capital Projects Department 1221 Elmwood Park Blvd Harahan, LA 70123 | BHA performed a topographic survey of Ridgelake Drive in Jefferson Parish to aid in future drainage improvements to the area. BHA established control points and TBMs; collected topographic features such as roadway centerline, roadway edges, fences, light standards, traffic control devices, signage, structures, curbs, inlets, vegetation, driveways, utility poles, water's edge, canal top of bank, bridges and manhole tops; collected cross section data; and collected elevation invert data for utilities. | |
| Completion Date (Actual or estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| May 2019 | unknown | \$19,700 |

TEC Professional Services Questionnaire

| PROJECT NO. 5 | | |
|--|--|--------------------------------------|
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
| Marrero Wastewater Treatment Plant Headworks Building Jefferson Parish Jefferson Parish Dept. of Engineering Mark Drewes 1221 Elmwood Park Blvd Harahan, LA 70123 | BHA performed a complete topographic, utility, and cross section survey for the Marrero Wastewater Treatment Plant, including locating all existing paving, structures, trees, shrubs, limits of grassed areas, fencing and all other surface features within the limits of the survey; locating all buried pipelines and connections for Gas, Sanitary Sewer, Water, Drainage, Telephone, Electrical etc. based on the information provided and as located by plant personnel; locating all sewer manholes and provide top of casting elevation, bottom of manhole elevation, and the size, direction and invert elevation of all piping connected to each sewer manhole. | |
| Completion Date (Actual or estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| December 2017 | unknown | \$11,575 |

| PROJECT NO. 6 | | |
|--|---|--------------------------------------|
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
| Wright Avenue Force Main Replacement Jefferson Parish Reda Youssef 1221 Elmwood Park Blvd, Suite 906 Jefferson, LA 70123 | BHA performed a topographic survey in support of a force main replacement project. For approximately 2.5 miles, BHA established control points; collected topographic features such as culverts, pavements, inlets, trees, water's edge, fences, driveways, etc; collected cross section data every 100 feet and random ground shots to identify ground slopes; collected visible utility features and invert/pipe data. More detail was needed at eight areas involving canals, existing utilities, force mains, roadways, apparent encroachment, and elevation data was collected on a 20-foot grid | |
| Completion Date (Actual or estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| March 2018 | unknown | \$75,016 |

TEC Professional Services Questionnaire

| PROJECT NO. 7 | | |
|--|--|---|
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
| Grafton Dr. (PS 312), Breckenridge (PS 252), LaQuinta Inn/Cracker Barrel (PS 202) Sewer Lift Station Upgrades St. Tammany Parish, LA City of Slidell Engineer Blaine Clancy (985) 646-4270 | BHA performed a topographic and boundary survey for the upgrade of three sewer pump station sites in Slidell, LA. The surveys obtained topographic, utility and elevation data for each site, as well as property corner information, parcel and boundary data | |
| Completion Date (Actual or estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| April 2019 | unknown | \$23,850 |

| PROJECT NO. 8 | | |
|---|--|---|
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
| Roadway Drainage Improvements Ascension Parish Ascension Parish Government, Ron Savoy 615 E. Worthey St. Gonzales, LA 70737 (225) 450-1200 | BHA provided the engineering design, including construction drawings, technical specifications, and contract documents, as well as the survey of existing conditions and the construction observation for drainage improvements along Savoy Road, Penny Street, She Lee Drive, and Riverside Estates in Ascension Parish. | |
| Completion Date (Actual or estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| June 2019 | \$120,000 | \$69,500 |

TEC Professional Services Questionnaire

| PROJECT NO. 9 | | |
|--|---|--------------------------------------|
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
| Belair Pumping Station Project Plaquemines Parish, LA Ken Dugas, City Engineer Plaquemines Parish Gov't Belle Chasse, LA | Plaquemines Parish requires a survey of the newly constructed pumping station in order to determine the location of existing servitudes and any encroachments onto adjacent property owners. BHA re-staked the property lines; located all topographic and utility features of the new pumping station; and prepared a boundary survey showing existing servitudes, property lines and the footprint of the old pumping station. | |
| Completion Date (Actual or estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| September 2017 | unknown | \$3500 |

| PROJECT NO. 10 | | |
|---|---|--------------------------------------|
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
| Jefferson Parish 2015, 2016, 2017, 2018, 2019 Hazard Mitigation Assistance Grant Funding Construction Supervision Services Jefferson Parish Floodplain Department 1221 Elmwood Park; Ste 801 Jefferson, LA 70123 | Supervision and documentation for each home in the elevation or reconstruction grant; management of elevation or reconstruction on each site; audit functions; and oversight and administration of properties | |
| Completion Date (Actual or estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| April 2023 (e) | \$74.3MM | \$4.0MM (e) |

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. | NA, BHA has no prior or on-going 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.

Bryant Hammett & Associates, LLC (BHA) is a Louisiana-based Limited Liability Corporation multi-disciplinary consulting land surveying, civil engineer, and disaster response consulting firm that provides services for various governmental and private concerns. BHA has been in business for over thirty years, since August 1, 1984. We have grown from a small four-member firm to operate offices in Plaquemines, Jefferson, East Baton Rouge, and Concordia parishes. All of our technical personnel have experience in the engineering and land surveying fields.

BHA is comprised of highly qualified, experienced and licensed engineers, surveyors, technicians, cost estimators, GIS managers, certified floodplain managers, administrators, disaster recovery subject matter experts, inspectors, CADD operators and clerical support. Our central locations allow us to work easily throughout Louisiana and in neighboring states.

HISTORY Bryant Hammett, PE/PLS, founded BHA in 1984. The firm began by primarily serving small, local municipalities. The team at BHA worked, and continues to work, with these clients in coordinating, permitting, identifying and addressing problems, assisting with rate structures and securing funding sources through grants and bonds. Our executive management team has been working together since 1984 and has achieved a wealth of knowledge of engineering, surveying and the governmental permitting and funding processes.

BHA is a HUBZone business certified by the U.S. Small Business Administration and is certified under the Small Entrepreneurship Program as a Hudson Initiative Certified Firm by the Louisiana Department of Economic Development.

SURVEYING

Bryant Hammett & Associates has been providing land surveying services in Louisiana for over 35 years. BHA surveyors have over 40 years of professional experience in the field. BHA offers a wide range of surveying services:

TEC Professional Services Questionnaire

The firm is a full-service land surveying firm offering a wide range of surveying services, including:
boundary and control surveys • ALTA surveys • hydrographic surveys • topographic surveys • right-of-way determination • control for photogrammetric surveys and aerial photography • establishing benchmarks • accident site surveys • wetlands delineation • construction surveys/construction layout • utility layout • pipeline surveys • elevation certificates • subdivision design and layout

Our CADD technicians have over 30 years of combined experience in producing 3D planimetric drawings, topographic and contour maps, right-of-way maps, boundary plats, cross section diagrams and field data points; BHA utilizes AutoCAD, Civil 3D, and Intellicad drafting software and DeLorme mapping software to meet the deliverable format required by any client.

Other Professional Services Provided

Civil Engineering

Construction

Management Cost

Estimating

Construction Supervision for Hazard Mitigation Grant Programs Disaster Management

CDBG Experience

Memberships:

National Society of Professional Surveyors (NSPS)

National Society of Professional Engineers (NSPE)

Louisiana Society of Professional Surveyors (LSPS)

Association of State Floodplain Managers (ASFPM)

Center for GeoInformatics,

Louisiana State University American Council of Engineering Companies (ACEC)

American Society of Civil Engineers (ASCE)

Associated General Contractors (AGC)

Council of Professional Surveyors (COPS)

Locations:

1104 Dealers Ave., Suite A Harahan, LA 70123

830 North Street, Suite B Baton Rouge, LA 70802

6885 Highway 84 West Ferriday, LA 71334

8637 Hwy 23; Suite C Belle Chasse, LA 70037

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

Signature:  **Print Name:** Bryant O. Hammett, Jr.

Title: Owner/Manager **Date:** 05/13/2021