

JEFFERSON

PARISH

EST. 1825

**Request for Qualifications
Professional Engineering Services
Jefferson Parish Water Projects**

RESPONSIVENESS

INTEGRITY

QUALITY SERVICE

 **CORNERSTONE
ENGINEERING, LLC**

1615 Poydras Street New Orleans, LA 70112 ♦ (504) 648-6789 ph • (601) 861-4929 fax
www.cornerstoneengllc.net ♦ mmckenzie@cornerstoneengllc.com



March 31, 2022

Jefferson Parish Selection Committee
1221 Elmwood Park Blvd.
Jefferson, LA 70123

Re: Request for Qualifications for
Professional Engineering Services
Jefferson Parish

Selection Committee:

This letter is written in response to the Request for Qualification (RFQ) issued recently by the Jefferson Parish government. It is our understanding that the Jefferson Parish is constantly seeking proposals from qualified consultants for the performance of the professional engineering services that are required for infrastructure improvements. Therefore, this proposal is being submitted as an expression of interest in providing engineering services to the Jefferson Parish.

Please accept this letter and the attached RFQ packet as our expression of interest in working with you to meet the engineering requirements of the parish government, and we request that you favorably consider Cornerstone Engineering, LLC for Jefferson Parish's engineering needs.

If you have any questions in the interim, please feel free to call me at 601-473-2403 any time. Cornerstone Engineering, LLC looks forward to hearing from you, and thank you in advance for your consideration.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Mauricka McKenzie, Sr.', is written over the typed name.

Mauricka McKenzie, Sr., P.E.

President/Owner

Enclosures:



1615 Poydras Street, Suite 900
New Orleans, LA 70112
504-648-6789 (o)

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Routine Engineering Services for Water

B. Firm Name & Address:

Cornerstone Engineering, LLC
1615 Poydras Street, Suite 900
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:

Mauricka D. McKenzie, Sr., P.E.
Principal Engineer
Email: mmckenzie@cornerstoneengllc.com
Phone: 504-648-6789

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.

Mauricka D. McKenzie, Sr., P.E.
Principal Engineer
Email: mmckenzie@cornerstoneengllc.com
Phone: 504-648-6789

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

4 Administrative	___ Estimators	2 Specification Writers
___ Architects (Licensed)	___ Geologists	___ Structural Engineers
___ Chemical Engineers	1 Geotechnical Engineers	___ Graduate Engineers
7 Civil Engineers	___ Interior Designers	___ Project Managers
4 Construction Inspectors	___ Landscape Architects	2 Clerical
___ Ecologists	___ Land Surveyor	___ Grant/Funding Specialist
___ Electrical Engineers	___ Mechanical Engineers	1 Sanitary Engineers
___ Engineer Intern	1 Environmental Engineers	
___ Professional Land Surveyors		23 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. N/A		
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:

Mauricka D. McKenzie, Sr., P.E.

Project Assignment:

Water Project

Name of Firm with which associated:

Cornerstone Engineering, LLC

Years' experience with this Firm:

5

Education: Degree(s)/Year/Specialization:

Louisiana State University; M.S. Civil Engineering (2002)
Mississippi State University; B.S. Civil Engineering (1999)
Jones Junior College; A.A. Pre-Engineering (1997)

Active registration: Year first registered/discipline:

2004/Civil Engineer
Louisiana P.E. (2018)

Other experience and qualifications relevant to the proposed Project:

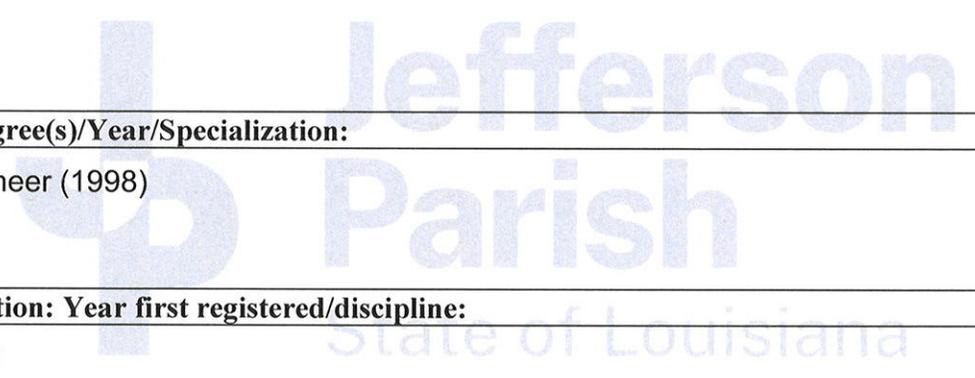
Currently working on Projects for the Port of South Louisiana.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Keith Allen, P.E. (Senior Project Engineer)
Project Assignment:
Reviewer for various Hydraulic Design Engineer
Name of Firm with which associated:
Cornerstone Engineering, LLC
Years' experience with this Firm:
4
Education: Degree(s)/Year/Specialization:
B.S. Civil Engineering (1980) M.S. Civil Engineering (1988)
Active registration: Year first registered/discipline:
MS Engineer/Civil Engineer
Other experience and qualifications relevant to the proposed Project:
Board Certified Environmental Engineer

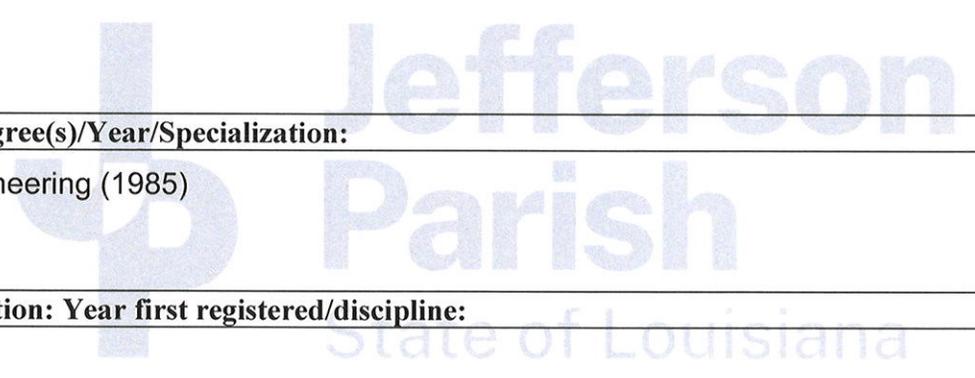
TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Mitch Pounds (Project Engineer)
Project Assignment:
QA/QC Reviews
Name of Firm with which associated:
Cornerstone Engineering, LLC
Years' experience with this Firm:
0.5
Education: Degree(s)/Year/Specialization:
B.S. Civil Engineer (1998)
Active registration: Year first registered/discipline:
Not Registered
Other experience and qualifications relevant to the proposed Project:
Mitchell Contracting, LLC (Owner) Sewer System Rehabilitation General Contractor



TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Ronald Wilson, P.E.
Project Assignment:
Design Engineer
Name of Firm with which associated:
Cornerstone Engineering, LLC.
Years' experience with this Firm:
0.5
Education: Degree(s)/Year/Specialization:
B.S. Civil Engineering (1985)
Active registration: Year first registered/discipline:
Alabama
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:	
2018 Town of Hickory Water Distribution System Improvement Project Hickory, MS JC Wash, Mayor (601) 646-2766 P.O. Box 10 Hickory, MS	Design and Contract Admin	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
February 28, 2020	\$420,000	Design

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
2019 Birmingham Water Works Board Water Main Replacement Project Douglas Stockham, IV, P.E. (205) 617-4442 P.O. Box 830110 Birmingham, AL 35283 doug.stockham@bwwb.org	Design and Contract Admin	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
August 2, 2022	\$368,050	Design

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.

Jefferson Parish
State of Louisiana

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

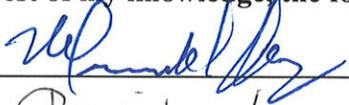
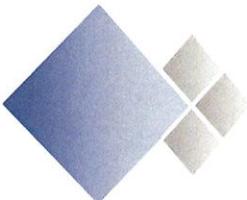
Signature:  Print Name: Mauricka Mckenzie, Sr.
 Title: President Date: 3-31-2022

TABLE OF CONTENTS

COMPANY INFORMATION.....	1
1.0 INTRODUCTION	2
1.1 QUALIFICATIONS, EXPERIENCE, CAPACITY	
2.0 COMPANY OVERVIEW	4
2.1 COMPANY HISTORY.....	5
2.2 COMPANY VALUES	6
2.3 CORPORATE & PROFESSIONAL MEMBERSHIPS.....	6
2.4 COMPANY ORGANIZATION.....	7
3.0 CORNERSTONE PROJECT TEAM.....	9
4.0 CORNERSTONE PROJECT EXPERIENCE.....	11
4.1 HIGHLIGHTED PROJECTS.....	11
ATTACHMENTS.....	20
Appendix A: Resumes of Key Personnel	
Appendix B: Professional Licenses and Registrations	

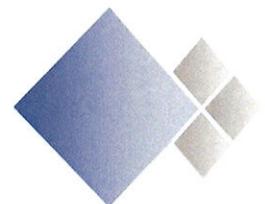


1.0 Introduction

Cornerstone Engineering, LLC is a Louisiana Department of Transportation (LaDOTD) certified Minority Business Enterprise. Cornerstone Engineering, LLC is a multi-disciplined civil engineering design and consulting firm, offering an array of civil engineering services. Our staff offers quality, responsive, and cost-effective services to our clients delivered every time with professional integrity.

Cornerstone Engineering, LLC understands that each client and every project has a unique set of needs, challenges and requirements. Therefore, Cornerstone Engineering, LLC strives to consistently evaluate existing conditions, anticipate design conflicts and present solutions based on expert engineering judgment and experience.

Cornerstone Engineering, LLC is committed to providing clients with the expertise and innovation to create practical solutions to problems and delivering a superior product. Cornerstone Engineering, LLC is also dedicated to building good client relationships and maintaining excellent customer service.



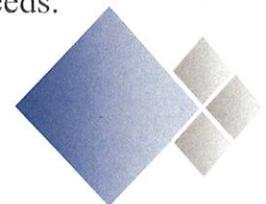
1.1 Qualifications, Experience, Capacity

QUALIFICATIONS

Cornerstone Engineering, LLC has a proven track record of service to local and state government clients. Cornerstone Engineering, LLC is currently licensed to provide engineering services in Mississippi, Arkansas, Alabama, Georgia, Texas, Tennessee and Louisiana.

Mauricka McKenzie, P.E. (project engineer), Keith Allen, P.E. (Staff Engineer), Jignasha Doshi (staff engineer), Ron Wilson, P.E. (staff engineer), Courtland Williams (associate engineer), Bhavana Gupta (draftsman), Ivory Jones and Fred Snow (field technicians and inspectors) will be assigned to the Louisiana Jefferson Parish Water RFQ projects.

Mauricka McKenzie, Sr., P.E., with **over 22 years** of experience, serves as Principal Engineer for Cornerstone Engineering, LLC overseeing the detailed design and construction management of all projects. He has been a licensed engineer in Mississippi since 2004 and was recently licensed to practice in Arkansas, Georgia, Florida, Wisconsin, Tennessee, Louisiana, Alabama and Texas in 2017 and 2018. **Mr. McKenzie** has special expertise in working with local governments on the conception, funding and implementation of all types of infrastructure and building projects. **Keith Allen, P.E.** has over 30 years of water resource engineering experience. **Jignasha Doshi** is a project engineer who has over 8 years of engineering design experience in the water resources industry. **Ron Wilson, P.E.** is a staff engineer with over 30 years of professional experience. **Ivory Jones** is an engineering technician and has **over 30 years** of experience in the infrastructure design and construction fields, both from the engineering and construction sides. He handles most of the field inspection work on the project. **Mauricka, Keith, Jignasha, Ron and Ivory** have extensive experience in all types of infrastructure improvement projects, including direct proposed projects, so they are uniquely qualified to implement a variety of projects. These factors indicate that Cornerstone Engineering, LLC is well qualified to assist Jefferson Parish with its multi-faceted water engineering needs.



1.1 Qualifications, Experience, Capacity (continued)

EXPERIENCE

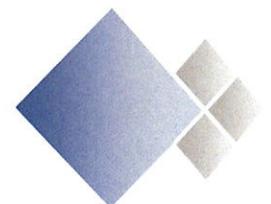
Although Cornerstone Engineering, LLC is a relatively young firm, the combined years of experience of its engineers and staff members solidifies our company as a firm fully capable of meeting the engineering needs of Jefferson Parish. Cornerstone Engineering, LLC, has professionals with a proven track record of quality engineering and success with past clients. The request for qualifications (RFQ) packet attached provides a listing of Cornerstone Engineering, LLC projects for municipal and county government clients in Mississippi as well as other relevant projects our staff members have worked on with prior employers. These factors indicate that Cornerstone Engineering, LLC with the many years of experience of its principal engineer, has the practical experience required to assist Jefferson Parish with its water engineering needs.

ATTACHED IS A LIST OF MOST OF OUR COMPANY CLIENTS AND PROJECT EXPERIENCES

CAPACITY

Cornerstone Engineering, LLC has the resources and capacity to effectively meet the engineering needs of Jefferson Parish. Our team at Cornerstone Engineering, LLC has two licensed engineers, **Keith Allen, P.E. and Mauricka McKenzie, P.E.**, However, Mauricka McKenzie, P.E. is the engineer of record who will be assigned to this project. Additionally, the firm has one computer aided design draftsman (Bhavana Gupta) and two field inspectors (Ivory Jones and Fred Snow) and three nontechnical/administrative personnel at its disposal (Mr. Kartik Mohan, Ms. Tiffany Hicks and Mrs. Oona McKenzie). We also have three associate engineers, **Ron Wilson, Jignasha Doshi and Mr. Courtland Williams** who are available to assist us as technical support staff. In addition, we will seek to employ residents of the area during the project and will encourage the construction contractors to do so. These factors indicate that Cornerstone Engineering, LLC has the capacity required to assist Jefferson Parish with its water engineering requirements.

ATTACHED IS A COMPLETE COMPANY LISTING OF OUR EMPLOYEES



2.0 Company Overview

Type of Ownership:

Limited Liability Company (LLC)

Owners:

Founded by Mauricka McKenzie, Sr., P.E.
and Attorney Oona McKenzie, J.D.

Address:

600 Northside Drive, Suite A
Clinton, MS 39056
601-473-2403 (phone)
601-861-4929 (fax)

State Business License:

Mississippi and Louisiana

Federal CAGE Code:

7UAC5

Website:

www.cornerstoneengllc.net

NAICS Code(s):

541330

Employer ID. Number (EIN):

81-5005630

DUNS number:

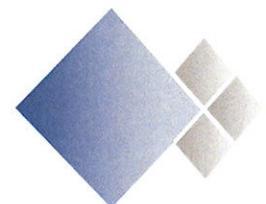
080523019

MAGIC Vendor Number:

3102036209

Federal SAM Number:

080523019



2.1 Company History

History

Cornerstone Engineering, LLC was established in 2017 by Mauricka McKenzie, Sr., P.E., to provide civil engineering, water resources engineering (water, wastewater and storm water), geotechnical engineering, structural engineering, solid waste management, contract administration and project management services to public and private entities throughout Mississippi, Alabama, Louisiana, Georgia, Florida, Tennessee, Arkansas and Wisconsin.

Cornerstone Engineering, LLC's goals are to responsibly serve municipalities, counties, rural water associations, residential and commercial developers, architect/engineers, and private industry.

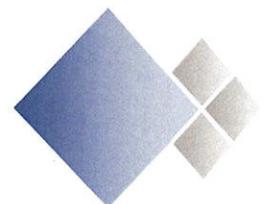
Cornerstone Engineering, LLC's principal professional engineer and technical staff members have the education, the knowledge and over 50 years of combined experience in providing:

- ◆ Services from project conception to completion;
- ◆ Project funding;
- ◆ Obtaining government approvals; and
- ◆ Maintaining close working relationships with local, state, and federal agencies.

Cornerstone Engineering, LLC's primary objective is to be responsive to client needs in a timely manner, to maintain professional integrity in the performance of projects and to provide quality engineering services for each project.

Our principal engineer, Mauricka McKenzie, Sr., P.E., has approximately 20 years of professional experience and was previously employed by the largest Mississippi based civil engineering firm for over a decade. Through this relationship, he gained extensive experience in various aspects of infrastructure projects ranging in size from small projects under \$100,000 to multi million dollar projects.

Cornerstone Engineering, LLC has formed strategic alliances with certain other similar firms in order to increase our technical capacity and ability to deliver quality services to all of our clients across multiple disciplines of civil engineering including transportation, structural, and disaster relief. We maintain a working relationship with other engineering disciplines and can include these services and personnel to insure the needs of the client are fulfilled. Cornerstone Engineering, LLC is a minority business enterprise.



2.2 Company Values and Memberships

Company Values & Beliefs

The company's values are based on the cornerstones of Responsiveness, Integrity and Quality Service.

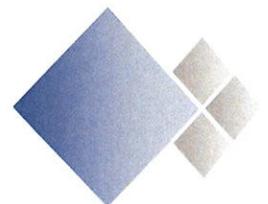
- ◆ **Responsiveness:** We strive to respectfully respond to the needs of our clients in a timely manner.
- ◆ **Integrity:** We aim to put the right people in the right place on the project team to produce the right outcome.
- ◆ **Quality Service:** We work to serve our clients and the needs of the community in order to achieve quality engineered solutions to infrastructure problems.

We believe in the Engineer's Code of Ethics.

- ◆ We place the safety, health and welfare of the public above profit.
- ◆ We respect the individual, and believe that individuals who are treated with respect and given responsibility will respond by giving their best.
- ◆ We require complete honesty and integrity in everything we do.
- ◆ We insist on giving our best effort in everything we undertake.
- ◆ We believe in the Golden Rule, therefore, we will strive to be friendly and courteous, as well as fair and compassionate.

2.3 Corporate & Professional Memberships

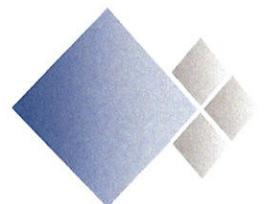
- ◆ Louisiana Municipal Association
- ◆ Louisiana Engineering Society
- ◆ Clinton Chamber of Commerce, Inc.
- ◆ Clarke County Chamber of Commerce, Inc.
- ◆ American Water Works Association, Inc.
- ◆ American Council of Engineering Companies, Inc.
- ◆ Mississippi Rural Water Association, Inc.



2.4 Company Organization (Key Staff Members)

Company Organization

See next page



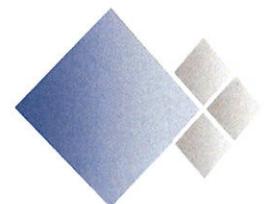
3.0 Cornerstone Team

Mauricka McKenzie, P.E.-*Lead Project Engineer*

Mr. McKenzie will serve as the Lead Project Manager and Design Engineer. He will plan and supervise all work done for this project. He will be responsible for any technical design and specifications required to successfully complete each assignment. He also will assign the members of his team with any other tasks that will be executed to meet the required and agreed upon project objectives for this program.

Bhavana Gupta- *Drafting and Design*

Ms. Gupta will serve on this project for drafting and design. She has over 15 years of combined experience in Computer Aided Design and Drafting (CADD). Her responsibilities will be to develop CADD drawings and design that are required as it relates to this project.



3.0 Cornerstone Team (Continued)

Oona Mc Kenzie-Contract Development and Project Specification Development

Mrs. McKenzie will serve on this project for contract development and project specifications. Her responsibilities will be to ensure all contractual matters are developed properly.

Ron Wilson-Quality Control and Quality Assurance Engineer and Field Engineer

Mr. Wilson will serve on this project as quality control and quality assurance. His responsibilities will be to ensure quality of procedures, engineering tasks and work environments are in accordance to the scope of work. Mr. Wilson may perform some field inspections to document construction compliance with the plans.

Jignasha Doshi-Water and Wastewater Engineer

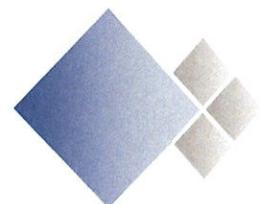
Mrs. Doshi will serve on this project as design engineer to layout any water and sewer utilities. Her responsibilities will be to ensure quality of procedures, engineering tasks and work environments are in accordance to the scope of work. Mrs. Doshi may perform detailed design and some field inspections to document construction compliance with the plans.

Keith Allen, P.E. - Water Resource Engineer

Mr. Allen will serve as a senior engineer to review the design concepts for the project.

Jacob Hughes - Water Resource Engineer

Mr. Hughes will work in the field to review site conditions and to determine criteria.



Cornerstone's Relevant Projects (2017-2022)

Below is a partial list of clients we have previously served:

- ◆ **Town of Hickory, MS** (master service agreement)- Town Engineer for water, sewer, drainage and street improvements, CDBG project engineer
- ◆ **Town of Roxie, MS** (selected as CDBG wastewater engineering firm in April 2017)
- ◆ **City of Jackson, MS** (selected as engineering firm on the Cabaniss Circle Street and Drainage Improvement Project)
- ◆ **City of Jackson Water Treatment Plant Upgrades and Water Distribution System Upgrades**

Past Projects of our Principal Engineer through Prior Employments:

- ◆ City of Jackson Fortification Street Utility Reconstruction (replaced distribution lines, and rehabilitation of sewer lines) (Construction value: \$3 M)
- ◆ City of Greenwood Wastewater Treatment Plant (Construction value: \$30 M)
- ◆ City of Newton Biewer Saw Mill Industrial Access Road (Construction value: \$1.3 M)
- ◆ Columbus Light and Water, Pump Station and Force Main (Construction value: \$1.0 M)
- ◆ City of Jackson and Hinds County Solid Waste Management Plans (Value: \$70,000)

2018 Town of Hickory Water Distribution System Improvement Project

**Owner**

Town of Hickory

Contact

JC Wash, Mayor
P.O. Box 10
Hickory, MS

Project Location:

Hickory, MS

Engineering Design &**CA Contract Value**

\$52,000

Construction Cost

\$244,000

Highlighted Projects

Cornerstone's principal engineer, Mauricka McKenzie, P.E., served as a project engineer. He produced design plans and specifications for water distribution system improvement Wilkinson County.

This water distribution system improvement project included the following:

- ◆ Construction of a new water line.
- ◆ Water meter replacement installed along the streets of Monroe, Jackson, Washington, Front, W. College and Polk.
- ◆ Site work, demolition work, and all other miscellaneous appurtenances as set forth by the contract documents.

2019 Birmingham Water Works Board Water Main Replacement Project

**Owner**

Birmingham , AL

Contact

Douglas Stockham, IV, P.E.
Manager– System Development
The Birmingham Water Works
Board
P.O. Box 830110
Birmingham, AL 35283

Location:

Birmingham, AL

Engineering Contract Value

\$165,000

Construction Cost

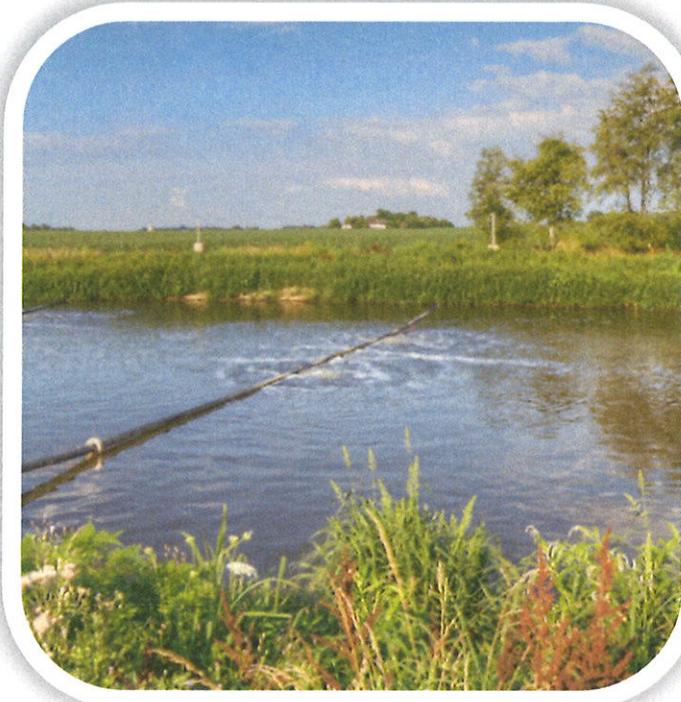
\$1,200,000.00

Cornerstone's principal engineer, Mauricka McKenzie, P.E., served as a project engineer. He produced design plans and specifications for the water system in Birmingham, AL.

This water main improvement project included the following:

- ◆ Replacing approximately 5,000 linear feet of 2" galvanized water mains.
- ◆ Further construction details are provided in the accompanying design and detailed standard drawing plans set.

2010 SRF Wastewater Treatment Plant and Wastewater Collection System



Owner

City of Newton, MS
300 E. Church Street
Newton, MS

Contact

Gary Turner
Public Works Director
601-683-6181

Location:

Newton, MS

Facilities Plan Contract Value

\$25,000

Engineering Contract Value

\$95,000

Construction Cost

\$1,200,000

Cornerstone's principal engineer, Mauricka McKenzie, P.E., served as a project engineer while employed for Neel-Schaffer, Inc. and was responsible for developing the Facilities Plan engineering study, State Revolving Loan (SRF) funding packages, produced design plans and specifications for rehabilitation/ replacement/upgrades to a 12- acre wastewater treatment plant located at the edge of the city and a sanitary sewer system in downtown Newton.

This wastewater improvements project included the following:

- ◆ Removal, dewatering and disposal of about 4.5 Million Gallons (MG) of sludge,
- ◆ Replacement of the fine bubble diffused aeration system and associated piping,
- ◆ Rehabilitation of approximately 4,000 linear feet of sewer lines by either adding a cured in place liner system (CIPP), by pipe bursting and/or dig and replacement of sewers,
- ◆ Rehabilitation of sewer manholes by CIPM liner,
- ◆ Extending a force main line by 300 L.F. and reconnection of sewer service lines, and
- ◆ Project and construction management services.

2012 SRF Wastewater Collection System Rehabilitation Capital Street

**Owner**

City of Jackson, MS
200 President Street
Jackson, MS

Contact

Mr. Charles Williams, Eng. Manager
601.960.2090

Location:

Jackson, MS

Facilities Plan Contract Value

\$35,000

Engineering Contract Value

\$85,000

Construction Cost

\$800,000

Cornerstone's engineer, Mauricka McKenzie, P.E., served as a project engineer while employed for Neel-Schaffer, Inc. and was responsible for developing the Facilities Plan engineering study, State Revolving Loan (SRF) funding packages, produced design plans and specifications for rehabilitation/ replacement sanitary sewer collection system and manholes located along Capital Street in downtown Jackson.

This wastewater system improvements project included the following:

- ◆ Rehabilitation of approximately 5,000 linear feet of sewer lines by either adding a cured in place liner system (CIPP), by pipe bursting and/or dig and replacement of sewers,
- ◆ Rehabilitation of sewer manholes by CIPM liner,
- ◆ Reconnection of sewer service lines, and
- ◆ Project and construction management services.

2012 SRF Water Distribution System Rehabilitation Capital Street

**Owner**

City of Jackson, MS
200 President Street
Jackson, MS

Contact

Mr. Charles Williams, Eng. Manager
601.960.2090

Location:

Jackson, MS

Facilities Plan Contract Value

\$35,000

Engineering Contract Value

\$75,000

Construction Cost

\$700,000

Cornerstone's engineer, Mauricka McKenzie, P.E., served as a project engineer while employed for Neel-Schaffer, Inc. and was responsible for developing the Facilities Plan engineering study, State Revolving Loan (SRF) funding packages, produced design plans and specifications for rehabilitation/ replacement water distribution system located along Capital Street in downtown Jackson.

This water system improvements project included the following:

- ◆ Replacement of water valves and installation of new service lines,
- ◆ Replacement of approximately 4,000 linear feet of old cast iron water pipe with ductile iron water pipes, and
- ◆ Project and construction management services.

2010 SRF Wastewater Collection System Rehabilitation Fortification Street

**Owner**

City of Jackson, MS
200 President Street
Jackson, MS

Contact

Mr. Charles Williams, Eng. Manager
601.960.2090

Location:

Jackson, MS

Facilities Plan Contract Value

\$35,000

Engineering Contract Value

\$100,000

Construction Cost

\$1,000,000

Cornerstone's engineer, Mauricka McKenzie, P.E., served as a project engineer while employed for Neel-Schaffer, Inc. and was responsible for developing the Facilities Plan engineering study, State Revolving Loan (SRF) funding packages, produced design plans and specifications for rehabilitation/ replacement sanitary sewer collection system and manholes located along Fortification Street in downtown Jackson.

This wastewater system improvements project included the following:

- ◆ Rehabilitation of approximately 2,000 linear feet of sewer lines by either adding a cured in place liner system (CIPP), by pipe bursting and/or dig and replacement of sewers,
- ◆ Rehabilitation of sewer manholes by CIPM liner,
- ◆ Reconnection of sewer service lines, and
- ◆ Project and construction management services.

2012 CDBG West Church Street Sanitary Sewer Rehabilitation

Highlighted Projects

**Owner**

City of Newton, MS
300 E. Church Street

Contact

Gary Turner
601-683-6181

Location:

Newton, MS

Engineering Contract Value

\$30,000

Construction Cost

\$300,000

Engineer Mauricka McKenzie, P.E., served as a project engineer while employed for Neel-Schaffer, Inc. and was responsible for developing the CDBG grant application Preliminary Engineering Study Report, conceptual design, produced preliminary and final design plans and specifications for rehabilitation/ replacement/upgrades to the sanitary sewer system in downtown Newton.

This wastewater improvements project included the following:

- ◆ Replacement of a deep manhole,
- ◆ Point repairs to sewer system, and
- ◆ Installation of asphalt paving.

2015 Shubuta CDBG Wastewater System Improvements and Rehabilitation Project

**Owner**

Town of Shubuta
178 E. Eucutta Road
Shubuta, MS 39360

Contact

Mr. Cleveland Peebler, Mayor
601-6871536

Location:

Shubuta, MS

Engineering Contract Value

\$50,000

Construction Cost

\$330,000

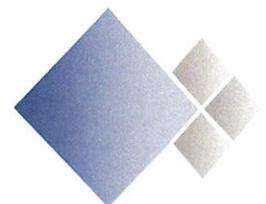
Highlighted Projects

Engineer Mauricka McKenzie, P.E. served as the lead design engineer for a prior employer, Innovative Design and Engineering Services, for implementing the findings of the approved CDBG Preliminary Engineering Study Report, performing the engineering design, wetland permitting, survey, geotechnical engineering for the sewer systems improvements and rehabilitation project for the Town of Shubuta.

The project is part of the Town's infrastructure improvement plant funded by the CDBG program and involved:

- ◆ Installation of 600 L.F. of 8" gravity sewer main along First Avenue,
- ◆ Installation of 200 L.F. of 8" gravity sewer main along Second Avenue,
- ◆ Rehabilitation of manholes to minimize infiltration and inflow,
- ◆ Rehabilitation of 300 gpm pump station on Brown Street, and
- ◆ Rehabilitation of the wastewater post treatment system at the lagoon.

Appendix A:
Resumes of Key Personnel





Mauricka McKenzie, Sr. P.E. President

EDUCATION:

- ◆ Louisiana State University
M.S. Civil Engineering (2002)
- ◆ Mississippi State University
B.S. Civil Engineering (1999)
- ◆ Jones Junior College
A.A. Pre-Engineering (1997)

REGISTRATIONS/CERTIFICATIONS/ TRAINING

- ◆ Professional Engineer, Mississippi No. 16157
- ◆ Professional Engineer, Louisiana No. 42107
- ◆ MS State Aid Road Construction Certified Bridge Inspector, 2017;
- ◆ Certified Stream Stability and Bridge Scour Inspector, 2017;
- ◆ ACI Certified Concrete Field Technician, 2017;
- ◆ ACI Certified Strength Testing Lab Technician, 2017;
- ◆ Certified Kypipe Hydraulic Modeling, 2011

Mr. McKenzie is the owner of Cornerstone Engineering, LLC which was formed in January of 2017. The company is a general civil engineering consulting firm that is based in Clinton, MS. The firm also has satellite offices in Jackson, MS, Hattiesburg, MS, McComb, MS and Quitman, MS.

Mr. McKenzie serves as the company President in charge of overseeing all aspects operation and management of the company.

Mr. McKenzie also serves as the Principal Engineer whereas he is involved in project engineering design on a variety of diverse types of engineering projects. He served as project engineer for the design of water, wastewater, drainage, structural commercial building rehabilitation, roadway, solid waste management, and site development projects for Cornerstone Engineering.

In addition, he has experience in writing specifications, bidding and contracting construction work, meeting construction schedules and construction inspection.



Mauricka McKenzie, Sr. P.E. President

RELATED EXPERIENCE

- ◆ **Principal Engineer-Port Gibson SRF/USACE 592 Water Distribution System Rehabilitation-City of Port Gibson, MS** – Performed contract administration and construction inspection on a project involving installation of 6,000 linear feet of PVC water main and 350 water meter replacements. Resolved easement issues and delivered monthly progress reports to the city board. Completed construction value approximately \$1,300,000.
- ◆ **Principal Engineer-Newton Water Well #2 Replacement Project-City of Newton, MS** – Prepared new well permit, developed engineering design plans and specifications and performed construction administration services for the construction of a deep aquifer water well rated at 600 gpm. Construction value approximately \$700,000.
- ◆ **Principal Engineer-Shubuta Wastewater System Improvements and Rehabilitation Project-Town of Shubuta, MS** – Prepared USACE wetland permit documents, developed engineering design plans and specifications for the construction of sewer line extensions, sewer manhole and pump station rehabilitation, and wastewater post treatment rehabilitation. Construction value approximately \$300,000.
- ◆ **City Engineer-City of Port Gibson** - Assisted the city in evaluating new infrastructure problems with water systems, sewer system, roadway issues, drainage issues throughout the city on an as needed basis. Developed engineering reports and provided minor design guidance. Assisted with locating, applying and securing funding for new projects. Developed and presented monthly City Engineer Action
- ◆ **City Engineer-City of Port Gibson (con't)** reports and provided minor design guidance. Assisted with locating, applying and securing funding for new projects. Developed and presented monthly City Engineer Action List Reports to the City Board.
- ◆ **Water Resources Engineer-Newton Water Treatment Plant Rehabilitation-City of Newton, MS** - Developed facilities plan study, State Revolving Loan Fund (SRF) funding packages, produced design plans and specifications and construction administration services for the rehabilitation of the existing water treatment plant in downtown Newton. The project included constructing a new 100,000 gallon clearwell, replacing all chemical feed system equipment, replacing all high service pumps, replacing the aerator, rehabilitation of water treatment building, installing new water distribution mains and valves near the tank, new generator and Supervisory Control and Data Acquisition (SCADA) system. Completed construction value approximately \$1,000,000.
- ◆ **Water Resources Engineer-Douglas Park Elevated Water Storage Tank-City of McComb, MS** - Prepared design plans and specifications and construction administration services for the construction of a 1 MG composite steel/concrete elevated water storage tank and alternate design plans for a multi legged steel elevated water storage tank. Project included designs for electrical controls, SCADA system, new large diameter PVC water main, valves, site grading and fencing. Completed construction value approximately \$1,000,000.



Mrs. Oona Carr McKenzie, Esq.

EDUCATION:

- ◆ University of Mississippi School of Law
Juris Doctor-J.D. (1998)
- ◆ Western Michigan University
M.A. Public Affairs/Administration (1995)
- ◆ Tougaloo College
B.A. Political Science (1993)

**REGISTRATIONS/CERTIFICATIONS/
TRAINING**

- ◆ Licensed Attorney, Mississippi Bar Assn.

Mrs. McKenzie has been a licensed attorney for over 15 years. She currently provides legal counsel, contract development and document reviews for quality assurance for the firm.

She joined the firm in 2017 and is a co-owner.

Appendix B:
Professional Licenses and Registrations



Louisiana Professional Engineering
and
Land Surveying Board

Hereby Certifies that

Mr. Mauricka DeVon McKenzie Sr.

has satisfied the applicable requirements and is therefore licensed as a
Professional Engineer
and hereby entitled to practice engineering in the State of Louisiana.

Baton Rouge Louisiana · October 26 2017



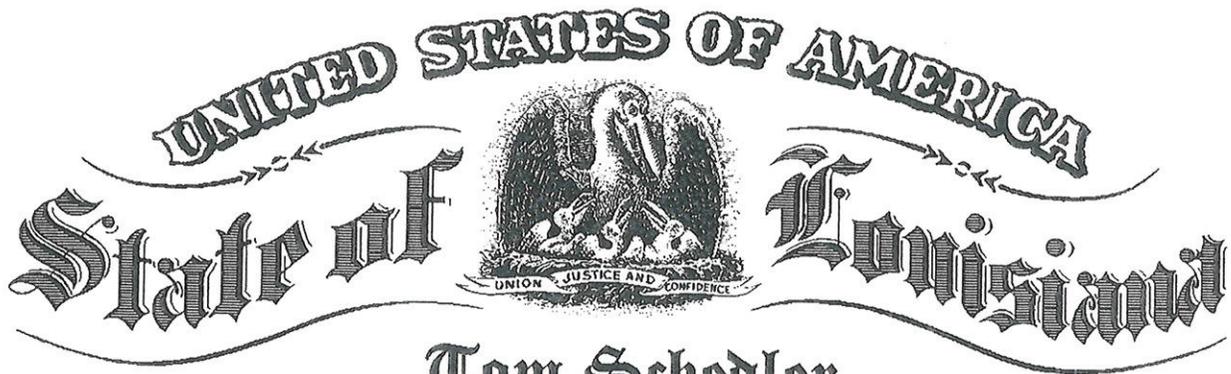
George Howard

Chairman

Paul H. Hale, Jr.

Secretary

License Number PE42107



Tom Schedler
SECRETARY OF STATE

As Secretary of State of the State of Louisiana, I do hereby Certify that

the Application Form for Certificate of Authority of

CORNERSTONE ENGINEERING, LLC OF MS

Domiciled at CLINTON, MISSISSIPPI,

Was filed and recorded in this Office on November 22, 2017.

Thus authorizing the limited liability company to exercise the same rights and privileges accorded similar domestic limited liability companies, subject to the provisions of R. S. Title 12, Chapter 22, Part VIII.

In testimony whereof, I have hereunto set my hand and caused the Seal of my Office to be affixed at the City of Baton Rouge on,

November 27, 2017

Secretary of State

JSG 42843361Q



Certificate ID: 10891467#N83

To validate this certificate, visit the following web site, go to **Business Services, Search for Louisiana Business Filings, Validate a Certificate**, then follow the instructions displayed.
www.sos.la.gov

City of Shreveport

Certificate of Membership

CORNERSTONE ENGINEERING, LLC

Is duly registered as a Small Economically Disadvantaged Business with the City of Shreveport's FAIR SHARE PROGRAM

SPECIALIZED IN ENGINEERING SERVICES

This certificate is void upon extensions of certification, determination of ineligibility, transfers of ownerships, business closure, etc.

OCTOBER 13, 2020

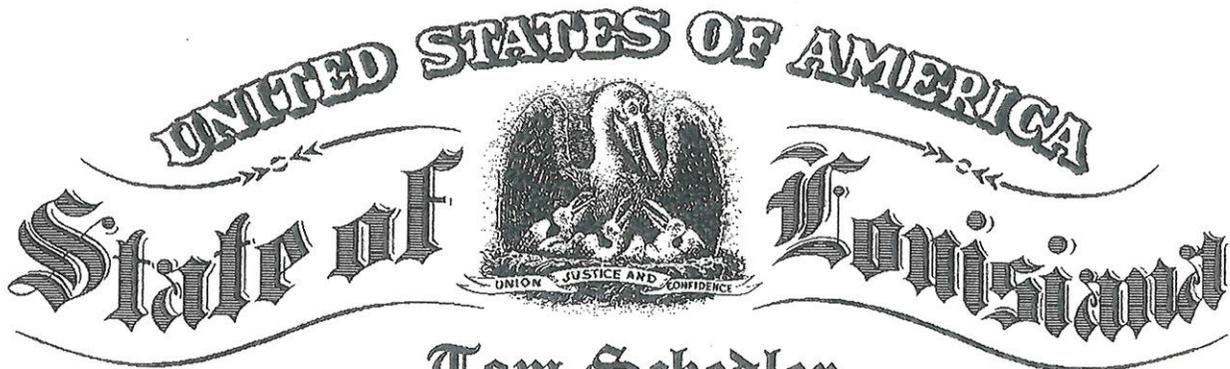
OCTOBER 12, 2023

REGISTRATION DATE EXPIRATION DATE



DIRECTOR, OFFICE OF FAIR SHARE

VENDOR NUMBER: 9142



Tom Schedler
SECRETARY OF STATE

As Secretary of State of the State of Louisiana I do hereby Certify that

the Application Form for Certificate of Authority of

CORNERSTONE ENGINEERING, LLC OF MS

Domiciled at CLINTON, MISSISSIPPI,

Was filed and recorded in this Office on November 22, 2017.

Thus authorizing the limited liability company to exercise the same rights and privileges accorded similar domestic limited liability companies, subject to the provisions of R. S. Title 12, Chapter 22, Part VIII.

In testimony whereof, I have hereunto set my hand and caused the Seal of my Office to be affixed at the City of Baton Rouge on,

November 27, 2017

Secretary of State

JSG 42843361Q



Certificate ID: 10891467#N83

To validate this certificate, visit the following web site, go to **Business Services, Search for Louisiana Business Filings, Validate a Certificate**, then follow the instructions displayed.

www.sos.la.gov



Office of the Secretary
PO Box 94245 | Baton Rouge, LA 70804-9245
ph: 225-379-1200 | fx: 225-379-1851

John Bel Edwards, Governor
Shawn D. Wilson, Ph.D., Secretary

August 28, 2020

Cornerstone Engineering, LLC
Mauricka McKenzie, Sr., P.E.
911 Live Oak Drive
Clinton, MS 39056

Dear Mauricka McKenzie, Sr.

Congratulations! The Compliance Program Office has reviewed your application and all supporting documentation. We are pleased to inform you that your firm has been certified as a disadvantaged business enterprise for the following work categories:

NC541330 – Engineering Services
C09 – Civil Engineering

Please note that per the federal regulations, suppliers only receive 60% goal credit towards the materials they provide. Also note that a Louisiana Contractor's License is required by any contractor performing work in excess of \$50,000 with the exception of electrical, mechanical and plumbing which are required to have a license if work is in excess of \$10,000. You may contact the State Licensing Board for Contractors at (225) 765-2301 for more information. Your firm's certification will be recognized by all participants of the Louisiana Unified Certification Program. This includes all entities receiving federal transportation funding within the boundaries of our state.

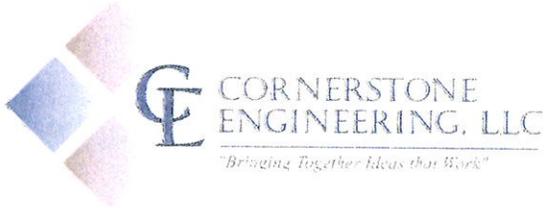
Be advised that recent changes in the Federal Regulations which govern our DBE program have removed expiration dates on certifications. Therefore, recertification every three (3) years is no longer needed. However, you will be required to submit an annual affidavit, along with all supporting documents, stating that your firm continues to meet the eligibility requirements of the program. This form will be sent to you approximately 4 weeks prior to your anniversary date (**August 31, 2021**). You must notify our office immediately regarding any changes which affect the social and economic disadvantage, size, ownership or control of your firm.

We reserve the right to withdraw this certification, if at any time, it is determined that DBE certification was knowingly obtained by the submission of false, misleading or incorrect data. We, further reserve the right to request additional information and/or conduct an on-site visit at any time during your certification period.

If we can be of further assistance, please don't hesitate to contact the DBE Certifications Unit at (225) 379-1382.

Sincerely yours,

Rhonda R. Wallace
DBE/SBE Programs Manager



Mr. Mauricka D. McKenzie, Sr., P.E.

EDUCATION:

Louisiana State University
M.S. Civil Engineering (2002)

Jones Junior College
A.A. Pre-Engineering (1997)

Mississippi State University
B.S. Civil Engineering (1999)

New Orleans Baptist Theological Seminary
MDIV. Expository Preaching (2013)

ACADEMIC HONORS:

National Collegiate Engineering Award (1999)
HEADWAE Student of the Year (1996)

PROFESSIONAL HONORS:

Mississippi Business Journal's Top 50 under 40 Business Leaders Honoree (2015)
American Water Works Association, MS/AL Section, Outstanding Service Award (2015)
Leadership Greater Jackson, Class of 2006
Chi Epsilon National Honorary Civil Engineering Society (1998)
Leadership Clinton (2019)
Board Certified Environmental Engineer, *Water/Wastewater* (2019)

PROFESSIONAL REGISTRATION:

Professional Engineer, Mississippi No. 16157
Professional Engineer, Alabama No. 37051-E
Professional Engineer, Louisiana No. 42107
Professional Engineer, Texas No. 128461
Professional Engineer, Georgia
Professional Engineer, Arkansas
Professional Engineer, Wisconsin
Professional Engineer, Florida
Professional Engineer, Tennessee

ACI Certified Concrete Field and Laboratory Testing Technician, 2017
Certified MS State Aid Bridge Inspector, 2017

PROFESSIONAL AFFILIATIONS:

National Society of Professional Engineers
Mississippi Engineering Society
American Water Works Association, MS/AL Section, Education Committee Co-Chair 2012-15
Water Environment Federation

American Academy of Environmental Engineers
MS Rural Water Association
Solid Waste Association of North America

CIVIC/COMMUNITY SERVICE:

New Hope Baptist Church of McComb, MS, Former Senior Pastor, 2012-2020
Boy Scouts of America, Assistant Scoutmaster, Troop 12 of Clinton, 2012-Current
Keep Jackson Beautiful Advisory Board Member, 2014-2016

PROFESSIONAL EMPLOYMENTS:

- 2017-present Cornerstone Engineering, LLC. (Clinton, MS) – President/Owner and Principal Engineer
In charge of all aspects of the firm including business development, management and engineering design of projects.
- 2016-2017 Innovative Design and Engineering Services, LLC. (Hattiesburg, MS) - Principal Engineer
Worked in the water and wastewater engineering, and transportation engineering specialty. Served as City Engineer for City of Port Gibson, MS through the company.
- 2003-2016 Neel-Schaffer, Inc. (Jackson, MS) - Engineer II
Worked in the water and wastewater engineering specialty from 2008-2016
Worked in the structural engineering specialty from 2003-2007
- 2002 Soil Testing Engineers, Inc. (Baton Rouge, LA) – Asst. Geotechnical Engineer
Worked in the geotechnical engineering specialty from 2000-2002.
- 2001-2002 Aquaterra, LLC (Baton Rouge, LA)-Associate Civil Engineer Worked in the geotechnical/geoenvironmental engineering specialty
- 2000 -2001 Aquaterra Engineering, Inc. (Jackson, MS)-Associate Geotechnical Engineer
Worked in the geotechnical engineering specialty
- 1998 U.S. Army Corps of Engineers, WES (Vicksburg, MS)-Transp. Eng Research
Worked in the airfields and pavement engineering specialty as a summer intern

PROFESSIONAL PROJECT EXPERIENCES (through Cornerstone Engineering, LLC):

Principal Engineer-Northwestern Hills and Western Hills Bridge and Drainage Project-Jackson, MS (2020) – Performed drainage calculations for flood mitigation in a high density residential neighborhood, designed 100 linear feet concrete box culverts to replace small diameter drainage pipes. Perform designs for bank stabilization using properly sized rip rap. Project Status as of July 2020-Awaiting Contract Execution. Project Value: \$500,000; Client: Hinds County Board of Supervisors, Contact Charles Sims 601-317-6883

Principal Engineer-Shubuta Drainage Project-Shubuta, MS (2020) – Performed drainage calculations for flood mitigation in a low lying area of the town, designed 60 linear feet double concrete box culverts to replace small diameter drainage pipe. Perform designs for bank stabilization using properly sized rip rap. Performed site clearing design to widen drainage channel. Project Status as of July 2020-In Design. Project Value: \$450,000 Client: Town of Shubuta, Contact Harvey Hull, 601-735-6792

Project Engineer-City of Jackson-Cabaniss Circle Street and Drainage Improvements Project. Designed asphalt overlay and street widening design for a residential street and large diameter (60") drainage pipe design. Total project length was approximately 1,500 linear feet pipe and roadway construction. Project Status as of July 2020- Construction Complete. Project Value: \$800,000 Client: City of Jackson, Contact Charles Williams 601-960-

Project Engineer-City of Belzoni Stormwater Pumping Station Rehabilitation Project. Performed drainage calculations to check existing storm pump design. Performed evaluation on the deteriorated flood gates and force main components and design analysis. Cost estimate determining the construction. Project Status as of July 2020-In Design/Funding Application Submitted. Project Value: \$450,000

Principal Engineer-Ashcot Circle Bridge and Drainage Project-Jackson, MS (2020) – Performed drainage calculations for residential neighborhood drainage way expansion project, designed 800 linear feet concrete trapezoidal paved ditch and concrete bridge crossings to replace small diameter drainage pipes. Perform designs for bank stabilization using properly sized rip rap. Project Status as of July 2020-Completed in 2019. Project Value: \$400,000; Client: Hinds County Board of Supervisors, Contact Charles Sims 601-317-6883

PROFESSIONAL PROJECT EXPERIENCES (through previous employments):

Stormwater Management Engineer-Stormwater Management Implementation Services-City of Jackson, MS – Assisted the city in developing Stormwater Pollution Prevention Plans (SWPPP), stormwater Best Management Practices (BMPs), stream clean public event planning, stormwater sampling and analysis and report development, public involvement and education event planning. Project value \$500,000.

Project Manager-Hurricane Katrina Debris Removal- City of Jackson – Responded to emergency citywide clean-up effort within the city of Jackson. Worked closely with the solid waste division to provide management and direction to debris removal contractors and temporary debris monitors. Removed debris within drainage ways as needed. Provided support to public works in addressing and resolving citizen's complaints. Developed tree debris removal volumes database and assisted with MEMA & FEMA audits.

COMPUTER SKILLS/SPECIALIZED TRAINING:

- Microsoft Word, Excel, and Powerpoint
- KYPipe (hydraulic water modeling)
- Project Management Training
- Water Fluoridation Principles Certification by Centers for Disease Control (CDC)
- LPILE 4.0 (pile and drilled shaft lateral load analyzer)
- GRLWEAP (pile driving analyzer)
- AUTOCAD and Microstation (drafting design)
- LEAP Bridge Girder Design

CLIENT REFERENCES:

Available upon request

RONALD K. S. WILSON, P.E.

Professional Summary

A uniquely qualified civil engineering professional with more than thirty-years of experience in the water, wastewater, transportation and land development industries. Experience derived while performing as a principal engineer, project manager and contract manager in both public and private sectors. Experience also includes a strong working knowledge of ancillary engineering disciplines and well-developed leadership, administrative and personnel management skills.

Contact Information:

Home Address: 132 Sundance
Alabaster, Alabama
35007
Cell Phone: (205) 260-9229
E-Mail: rksw@bellsouth.net

Education:

- B.S. Civil Engineering, 1989
University of Alabama at Birmingham
Birmingham, AL
- B.A. Biology, 1976
Hampton University
Hampton, VA

Certifications:

- AL Professional License No. 21281
- MS Professional License No. 25167
- TN Professional License No.
00116927
- OSHA 30 Hour Certification No.
22079494
- NASSCO Certification No. U-215-
06023640
- USACOE Construction Quality
Management Certification
- NPDES Qualified Credentialed
Professional

Associations:

- Evangel Presbyterian Church, PCA
Alabaster, AL
- American Society of Civil Engineers
(ASCE)
- Water Environment Federation (WEF)

Past Relevant Employment:

- City of Birmingham, Alabama
Department of Planning, Engineering
& Permits
Birmingham, AL 35203
8/2019-Present
- Synergetic Engineering Solutions, Inc.
132 Sundance
Alabaster, AL 35007
2/2015-8/2019
- Cambridge Construction
Management, Inc.
22 Front Street
Memphis, TN 38103
1/2013-9/2016
- Sunrise Energy Solutions, Inc.
132 Sundance
Alabaster, AL 35007
1/2012-2/2015
- Imani Environmental Group, Inc.
418 North Main Street
Alpharetta, GA 30004
7/2008-7/2011
- R. K. Wilson & Associates, Inc.
2441 Old Springville Road, Suite 22
Birmingham, AL 35263
11/1999-7/2008
- Jefferson County, Alabama
Environmental Services Department
Birmingham, AL 35263
10/1992-11/1999
- Jefferson County, Alabama
Roads & Transportation Department
Birmingham, AL 35263
10/1986-10/1992

Related Job Duties:

- Chief Civil Engineer with the City of Birmingham Capital Projects Division. Duties include design of roadway, drainage and other civil related projects; management and supervision of engineering, CAD and construction inspection personnel; review, management and administration of consulting engineering and construction management services. Overall duties continue to grow and evolve over time.
- Owner and principal engineer of Synergetic Engineering Solutions, Inc. Overall responsibility for all project planning, engineering designs and project management. Duties include business and personnel management, business development and client relations. Projects include site development, flood mitigation and drainage improvements, roadway design and intersection improvements, water lines and sanitary sewers, water and wastewater treatment plants, water and wastewater pumping stations, energy conservation and renewable energy and sewer system evaluation surveys (SSES).
- Principal Engineer and project manager with Cambridge Construction Management, Inc. Duties included traffic control plan preparation, cost estimation, proposal/bid preparation, scheduling, tracking, QA/QC review of NASSCO CCTV inspection, payment application preparation and submission, client interaction, assigning and scheduling of work activities for various inspection crews; overall management of SSES Phases 1-4 for the City of Memphis' SARP 10 Program.
- Owner and president of Sunrise Energy Solutions, Inc. Duties included performing electrical surveys and audits of commercial, industrial and institutional facilities; performing load and cost analysis; generating engineering reports of findings; recommending energy conservation measures; securing funding; managing the installation of conservation equipment; performing measurement and verification of projected energy cost savings following installation.
- Construction project manager at Imani Environmental Group, Inc. Duties included preparation, maintenance and cost actualization of project baseline schedules; preparation and tracking of project submittals and deliverables; traffic and construction permit acquisition and maintenance; assigning and scheduling of work activities for various construction crews; preparation, review and submittal of periodic payment requests; preparation, review and submittal of "as constructed" drawings and project closeout documents; cost estimating and proposal/bid preparation; business development and client relations.
- Former owner and president of R. K. Wilson & Associates, Inc. Responsibilities included business and personnel management; business development; client relations; project management and project design. R. K. Wilson & Associates, Inc. were planners, surveyors, designers and construction managers on numerous water, wastewater, roadway, drainage, site development and airport improvement projects.
- Former chief civil engineer and collection systems manager with the Jefferson County Environmental Services Department. Managed the design and construction of numerous wastewater projects including a court ordered and EPA directed rehabilitation and capacity improvement of the 3000-mile sanitary sewer system. Managed the work of several staff engineers, records management personnel, sewer and pump station supervisory maintenance personnel, supervisory sewer construction personnel, call center personnel and reviewed and prepared budgets for all collection system divisions.
- Former design and construction engineer with the Jefferson County Roads & Transportation Department. Responsible for project design, construction engineering and construction management of numerous roadway, roadway improvement, intersection improvement, drainage improvement, utility installation and relocation, and park improvement projects. Also responsible for preparation of as-constructed drawings and project closeout documents.

Addendum

Representative Projects:

- **Farmers Market Access Road Improvements**
City of Birmingham, Alabama
Responsible for the design of a realignment of existing 4th Street West from Finley Boulevard to Finley Avenue. The project will widen and align the new road with the entrance to the Alabama Farmers Market. Project elements include, grade, drain, base, pavement, striping, signage and signalization. The project is being designed to meet ALDOT specifications.
Estimated Construction Cost: \$750K
Duration: 8/2019-TBD
Reference: Mike Eddington, PE
City of Birmingham
(205) 254-2354

- **Wolf River Interceptor Assessment-Phase 5 SSES**
Memphis, Tennessee
Served as principal engineer and project manager for a twenty (20) mile assessment of the primary trunk sewer serving the City of Memphis. The sewer ranged in size from 54-inch to 120-inch diameter with manholes from 60-inch to 84-inch diameter and depths up to 80 feet. The sewers were assessed primarily utilizing sonar inspection equipment but conventional CCTV was also used where conditions warranted. All manholes were assessed utilizing 3-D scan inspection equipment and GPS located. All data was uploaded to Pipelogix software where defects were captured, reported and delivered to the client via Access database.
Construction Cost: \$958K
Duration: 3/2017-3/2018
Reference: Gary Older, PE
Black & Veatch
(901) 321-1292

- **Sewer Assessment and Rehabilitation Program (SARP) 10**
Memphis, Tennessee
Served as principal engineer and project manager for Sewer System Evaluation Survey (SSES) Phases 1 through 4. Included NASSCO certified CCTV and manhole inspections and smoke testing of approximately 2,115,000 linear feet of sanitary sewer and 8,000 manholes. Duties included proposal preparation in response to RFP's, schedule preparation and actualization using Microsoft Project, coordination of and assignment of work to field crews, conducting bi-weekly team meetings, attending and participating in bi-weekly progress meetings, weekly project tracking and reporting to client, preparation of monthly payment requests, subcontractor invoice reviews and approvals, traffic control plan preparation, QA/QC of NASSCO CCTV inspections and regular client interaction.
Construction Cost: \$8.85M
Duration: 1/2013-9/2016
Reference: Gary Older, PE
Black & Veatch
(901) 321-1292

- **Riverview Wastewater Treatment Plant**
Hoover, Alabama
Performed electrical energy audit of approximate 1.5MGD tertiary wastewater treatment plant including all lighting systems, air conditioning systems, process equipment, resistive (plug) loads, electrical panels and switchgear. Performed load and cost analysis of each system and issued findings in the form of an engineering report. The engineering report also included recommendations for energy conservation measures (ECM's) and projected electrical load and cost savings resulting from conservation measures. Load and cost monthly savings projections included a 14,424kwh reduction in energy usage, a 8.08% reduction in energy cost and \$997 in savings. Projections indicated a simple payback period of 36 months, a rate

of return (R.O.I) of 33.33%, annual tax savings of \$2,262 and IRS Section 179 tax deductions of \$35,901.

Construction Cost: \$36K

Duration: 8/2012

**Reference: Harry Chandler, Director of Operations
Southwest Water Company
(205) 790-0371**

- **Childersburg Southern Sewer Rehabilitation**

Childersburg, Alabama

Served as construction project manager of sanitary sewer rehabilitation project for the Childersburg Water, Sewer and Gas Board. The project began with the cleaning and CCTV inspection of more than 40,000 LF of 8" & 10" diameter sanitary sewer. Following inspection, responsibilities included the evaluation of all line segments and the recommendation of various rehabilitation methods for the complete rehabilitation of each segment. Recommendations included pipe bursting, cured-in-place relining, replacement, point repairs, manhole raising and manhole rehabilitation. Recommendations were then prioritized based upon the severity of the defects and selectively completed in order to maintain the project budget. Responsibilities also included preparation and submission of bid, preparation and submission of monthly payment applications, and management of all company resources.

Construction Cost: \$1.8M

Duration: 1/2010-6/2011

**Reference: Dave Bechtel, P.E.
UEC, LLC
(205) 903-3899**

- **Decatur Sewer Rehabilitation, Contract 2 (Pipe Bursting)**

Decatur, Alabama

Served as construction project manager of sanitary sewer rehabilitation project for Decatur Utilities. The project involved the pipe bursting of over 5000 LF of 6", 8" and 10" sanitary sewer. Responsibilities also included preparation and submission of bid, preparation and submission of monthly payment applications, and management of all company resources.

Construction Cost: \$280K

Duration: 1/2010-4/2011

**Reference: Joseph Downey, P.E.
Constantine Engineering
(256) 273-4421**

- **Sewer Group 2, Ph. 1, CIPP Contract A, FC-3007000052**

Atlanta, Georgia

Served as construction project manager of sewer rehabilitation project in the Utoy Creek service area for the City of Atlanta. The project included cleaning and CCTV inspection of over 40,000 LF of 8" & 10" sanitary sewer, over 100 internal & external point repairs, the cured-in-place lining of over 32,000 LF of 8" & 10" sanitary sewer, the replacement or cured-in-place lining of over 175 4" & 6" sewer service laterals, and the raising and/or rehabilitation of over 35 manholes. All delivered quantities and other pertinent data was tracked utilizing Primavera's "Contract Manager" software.

Construction Cost: \$4.6M

Duration: 10/2008-10/2009

**Reference: Anthony Inya-Agha
Contract Manager
Shaw/AIM-JV
(404) 969-7945**

- **9th Avenue North Extension**

City of Birmingham

Birmingham, Alabama

Served as design engineer of 1,070 LF extension and rehabilitation of an existing local roadway to accommodate the expansion of the Southland Tube manufacturing plant. The

project was designed to Alabama Department of Transportation (ALDOT) standards and received ALDOT review, approval and funding. It consisted of grade, drain, base and paving.

Construction Cost: \$641K

Duration: 2005-2006

Reference: Randy Kemp, P.E.
City of Birmingham
(205) 254-2211

- **Cooper Green Homes Redevelopment**

Housing Authority of the Birmingham District
Birmingham, Alabama

Managed boundary, topographic and existing conditions survey of a 36.5-acre tract comprising the Cooper Green Homes public housing community. Served as design engineer of drainage, roadway, sidewalk and other site improvements and modifications in concert with planned building improvements and additions. Designed water and sanitary sewer line relocations, additions and extensions. Coordinated gas, telephone, electric and cable line relocations, additions and extensions.

Construction Cost: \$30M (total)

Duration: 2002-2006

Reference: Ralph Ruggs
Executive Director
Birmingham Housing Authority
(205) 324-0641

- **Hopewell Pumping Station**

Jefferson County, Alabama

Served as design engineer and construction manager of 56MGD cast-in-place concrete wastewater pumping station serving a previously un-served area of Jefferson County. The pumping station was designed as a regional station to eliminate four (4) smaller existing stations. It was also designed to receive flow from a proposed 11MGD station that will serve a service area located downstream. The station has a wet well/dry pit configuration with dual, interconnected wet wells. It was designed to handle initial flows but sized hydraulically for ultimate flows from a fully developed service area.

Construction Cost: \$5M

Duration: 11/2003-5/2005

Reference: Tonya Kelly, P.E.
Jefferson County Environmental Services
(205) 325-5496

- **Brookside Village Wastewater System Improvements**

Jefferson County Housing Authority
Jefferson County, Alabama

Served as design engineer of upgrades and improvements to an existing 22,000GPD wastewater treatment plant and rehabilitation of approximately 1,450 LF of existing 8" diameter sewer serving the Brookside Village public housing complex.

Construction Cost: \$320K

Duration: 2004-2005

Reference: Mike Burkett
Planning Coordinator
Jefferson County Housing Authority
(205) 849-0123

- **Headrick Road Extension**

Jefferson County, Alabama

Served as design engineer and construction manager of 1900 LF extension of local road to serve the Hopewell Pumping Station and a planned 700 lot residential subdivision. The project consisted of grade, drain, base, pave, 1,750 LF of 6" water main extension, and installation of 1,650 LF of 8" sanitary sewer.

Construction Cost: \$634K

Duration: 2004-2005
Reference: Tonya Kelly, P.E.
Jefferson County Environmental Services
(205) 325-5496

- **Air Carrier Apron Rehabilitation**
Birmingham International Airport
Served as design engineer and construction manager of 5,000 LF trench drain storm water conveyance system that encircles each airport concourse. Elliptical precast concrete pipe was used due to cover limitations with effective capacities matching pipes ranging in size from 12" to 48" diameter. The project also included three (3) cast-in-place concrete junction boxes and a 58cfs cast-in-place concrete oil/water separator.
Construction Cost: \$3.7M
Duration: 2000-2002
Reference: Al Denson
Executive Director
Birmingham Airport Authority
(205) 595-0533

- **Jefferson County Sanitary Sewer System Rehabilitation and Capacity Improvements Program**
Jefferson County, Alabama
Served as chief engineer and program director during analysis, design and construction of numerous sewer rehabilitation, capacity improvement and replacement projects in each of Jefferson County's nine (9) sewer basins. Participated in the development of modeling criteria for flow and capacity analysis. Served as chairman of the Product Review Committee to determine acceptable rehabilitation products and techniques. Participated in determining preferred construction methods for each project including cut & cover, cured-in-place pipe (CIPP) relining, open face (hand) tunneling, TBM tunneling, pipe bursting and directional drilling. Worked with design consultants to develop plans format, standard details, technical specifications and electronic sewer information management system (SIMS). Was also responsible for overall planning, prioritizing and scheduling of all projects.
Construction Cost: \$3.1B
Duration: 1995-1999
Reference: David Denard, P.E.
Jefferson County Environmental Services
(205) 325-5496

- **Valley Creek Wastewater Treatment Plant Improvements**
Jefferson County, Alabama
Served as project manager for design and construction of upgrades to Jefferson County's largest wastewater treatment plant. Upgrades included new administration building, generator upgrades in new generator building and a new solids handling/dewatering building including sludge centrifuges.
Construction Cost: \$35M
Duration: 1995-1997
Reference: Dave Bechtel, P.E.
Dougherty Engineering, Inc.
(205) 903-3899

- **Leeds Wastewater Treatment Plant**
Jefferson County, Alabama
Served as project manager for design and construction of a 5MGD tertiary wastewater treatment facility to serve previously un-served areas in the Leeds metropolitan area and portions of southeast St. Clair County. The project included an influent pumping station, aeration basin, clarifiers, chlorination/de-chlorination facilities, phosphorus removal, digesters, sludge drying beds, administration building and site improvements.
Construction Cost: \$5M
Duration: 1993-1995

Reference: Jack Swann, P.E.
Jefferson County Environmental Services
(205) 325-5496

- **Cahaba Wastewater Treatment Plant Improvements, Phase III**
Jefferson County, Alabama
Served as project manager for design and construction of improvements to the 60MGD Cahaba WWTP located on the banks of the environmentally sensitive Cahaba River in Hoover, Alabama. Improvements included an influent pumping station with headworks structure, clarifier improvements, sand filters, chlorination/de-chlorination facilities, Parschall flume for effluent discharge measurement, stepped discharge aerator, dewatering building and new administration building.
Construction Cost: \$25M
Duration: 1993-1995
Reference: Dave Bechtel, P.E.
Dougherty Engineering, Inc.
(205) 903-3899

- **Scotts Branch Pretreatment Facility**
Jefferson County, Alabama
Served as project manager for design and construction of a treatment facility to pre-treat incoming high-strength waste from Barber's Milk Products and Buffalo Rock Bottling Company that ultimately discharged into the Shades Creek Trunk Sewer. Treatment processes included an influent pumping station, inverted aeration basin, clarifiers, digesters, and sludge drying beds. Ultimately, the effluent discharges to the Shades Creek Trunk Sewer for eventual treatment at the Valley Creek WWTP.
Construction Cost: \$25M
Duration: 1993-1995
Reference: Dave Bechtel, P.E.
Dougherty Engineering, Inc.
(205) 903-3899

- **Lorna Road Improvements**
Jefferson County, Alabama
Served as construction engineer on county road improvement project that widened an existing 2-lane road to primarily 3-lanes (center turning lane) with additional turning movements and intersection improvements. The project included grade, drain, base and pave and the construction of several cast-in-place retaining walls one of which supported the roadway.
Construction Cost: \$10M
Duration: 1990-1991
Reference: Wayne Sullivan, P.E.
Jefferson County Roads & Transportation
(205) 325-5795

- **Lakeshore Parkway, Phase 1**
Jefferson County, Alabama
Served as construction engineer on county road project that extended Lakeshore Drive from Interstate 65 to Oxmoor Road. The project was 4-lane with grass or concrete medians, center turn lanes, right turn lanes and acceleration lanes. The project included grade, drain, base and pave, a quadruple 12' x 14' cast in place culvert under 60 feet of fill and a cast-in-place retaining wall up to 20 feet in height.
Construction Cost: \$10M
Duration: 1988-1990
Reference: Wayne Sullivan, P.E.
Jefferson County Roads & Transportation
(205) 325-5795

- **Hueytown Trunk Sewer Replacement**

- **Jefferson County, Alabama**

- Served as design engineer of 24"-42" diameter trunk sewer replacement in western Jefferson County. The two (2) phased project will replace approximately 18,000 LF of existing sanitary sewer. The project will alleviate system overflows, capacity constraints and maintenance related problems. The project was designed to allow continued flow in the existing system during construction of the new sewer.

- **Construction Cost: \$12.5M**

- **Duration: Awaiting Funding**

- **Reference: Tonya Kelly, P.E.**

- **Jefferson County Environmental Services
(205) 325-5496**

- **Hueytown Trunk Sewer Lift Station**

- **Jefferson County, Alabama**

- Served as design engineer of 20MGD sewer lift station that will accept flows from the proposed Hueytown Trunk Replacement Sewer. The cast-in-place concrete station will pump flow to a nearby gravity sewer utilizing submersible pumps. The station is designed to handle initial flows but sized hydraulically to accommodate the full flow capacity of the sewer.

- **Construction Cost: \$5.9M**

- **Duration: Awaiting Funding**

- **Reference: Tonya Kelly, P.E.**

- **Jefferson County Environmental Services
(205) 325-5496**

- **Scotts Branch Trunk Sewer Replacement**

- **Jefferson County, Alabama**

- Served as design engineer of 11,000 LF, 12"-42" diameter trunk sewer replacement. The project will alleviate capacity constraints and maintenance related problems. The replacement sewer will be installed utilizing TBM tunneling techniques. It will provide flexibility to direct flow either to an existing pre-treatment facility or to an existing gravity sewer downstream.

- **Construction Cost: \$10.2M**

- **Duration: Awaiting Funding**

- **Reference: Brian Rohling, P.E.**

- **Jefferson County Environmental Services
(205) 325-5496**

ANTHONY THOMAS
Email: athomas@cornerstoneengllc.com

WORK EXPERIENCE

EDUCATION

Hinds Community College 2016-2018

- Associates Degree Engineering, Drafting, and Design Technology, CC, TC, AAS.
- OSHA Certified.
- Certified Drafting Technician.

WORK EXPERIENCE

Designer/ Surveyor / Field Operations Manager, Cornerstone Engineering, LLC
2022 – Present.

- Surveyed water and land boundaries, conduct site surveys, prepare sketches and notes and perform electronic data collection.
- Completed full Construction Document drawings.
- Designed Pipe Network using Civil 3d.
- Designed alignments, profiles, surfaces, assemblies, and corridors showing existing conditions and proposed modifications using Civil 3d.
- Created volume reports using the existing and proposed surfaces.

Electrician, Robinson Electric, 2013-2015

- Installed residential and commercial electrical systems.
- Troubleshoot electrical systems.

Electrician Apprentice, Birdwell Electrical, 2010-2013

- Installed residential and commercial electrical systems.
- Trouble electrical systems.

Store Manager, Fastway, 2004-2010

- Managed 3 stores.
- Performed accounting and payroll.
- Managed 15 employees.

SKILLS

Technical

- Proficient in Autocad, Civil 3d, Revit, Excel, Word.
- Excellent communication and interpersonal skills.
- Proficient in setting up the robot, data collector, and retrieving data.

JACOB HUGHES

Email: jhughes@cornerstoneengllc.com

WORK EXPERIENCE

Project Surveying Engineering, Feb 2022 – Present

Cornerstone Engineering, LLC

DeShazo Crane Company, May 2021 – Feb 2022

- Created and developed preliminary overhead crane designs for individually requested.
- Established best practices for performing complex estimates and advanced the supporting cost management process and procedures.
- Ensured proper application business by developing accurate, timely, and professional estimates.
- Developed, evaluated, and discussed possible solutions and Accounts Manager, Project Manager, Sub-contractor, Supplier, and/or customer.
- Expedited estimating process and software to maximize efficiency within a strenuous bidding schedule.
- Supported continuous improvement efforts and the change of management effects associated with the implementation of improvements.
- Assisted salesperson with developments of RFP for multiple projects.

Systems Application Engineer, October 2018 – March 2021

Johnson Controls, Inc.

- Ensured proper application of systems products to meet customer requirements and expectations.
- Assisted National Account Managers and Integrated Systems Managers (ISM's) in preparing bid responses and functional specifications.
- Developed and created multimillion-dollar security system proposals and drawings for highly competitive bids.
- Generated initial BOM estimates as part of early program launch, prototype BOM, and final BOM for manufacturing and construction for multimillion-dollar projects.
- Wrote and executed complex SQL queries to gather information.
- Provided technical assistance to Business Operations and the field organization at system startup ensuring proper understanding by the field office regarding systems intent.

Certifications: Lenel, CCure, Genetec, Bosch, Guard Center, Honeywell, AMAG Technology.

EDUCATION

The University of Alabama- Tuscaloosa, AL

Bachelor of Science in Mechanical Engineering (BSME) – May 2016

Minor in Mathematics

Awards and Accolades

Above and Beyond Award

Johnson Controls Global Center of Excellence – Q3 Fiscal Year 2020

This award is to recognize an individual or team who has performed tasks or services in an exemplary manner, has gone “above and beyond” what is expected in their normal range of responsibilities, and/or has improved the quality of life at JCI.

JIGNASHABEN DOSHI

Email: - panchal.jignasha@gmail.com

Phone: - 661-436-3180

PROFESSIONAL SUMMARY

Passionate Civil (Environmental) Engineer committed to applying unique and innovative solutions to engineering problems. Experienced at cost estimation, evaluation of field data, preparing of DPR(Detailed Project Reports), preparing Tender documents, Evaluations of Tender documents, hydraulic design of sewerage system, storm water drainage system, Sewerage treatment Plant, Auxiliary pumping station, pressure main, according to site situations and survey report, coordination with site engineers and preparing comprehensive project reports.

KEY SKILLS

- Environment and hydraulic design.
- Storm water drainage and Sewerage system design.
- Extensive use of spreadsheet-based software in design.
- Estimating quantities/cost Estimation.
- Rate Analysis.
- Tendering.
- Evaluations of tenders.
- Co-ordination of interdisciplinary engineering activities.
- Extensive use of MS Office (Word, Excel and power point presentation)
- Knowledge for IS(Indian standards) Codes

PROFESSIONAL EXPERIENCE

1. MWH India Pvt Lmt, Baroda(MWH GLOBAL)

April 2008 to March 2014

RESPONSIBILITIES:

Design:

- Environment and hydraulic design.
- Storm water drainage system for Vadodara City by using spreadsheet-based software.
- Assistant engineer for designing of water distribution system, ESR –GSR designing.
- Sewerage system design for Vadodara City by using spreadsheet-based software.
- Design of STP and WTP using modern technologies.
- Design of Auxiliary Pumping stations and Pressure mains.

Tender Proposal Management

- Co-ordination with Clients for their requirements.

- Proposal preparations including analysis of the survey report, designing, estimating, Rate analysis, comparison of Rates between SOR and Market rates.
- Preparation of the Tenders documents and its evaluation and recommendations.

Project Management:

- Checking the details provided by the contractor during execution phase.
- Provide solutions during execution.
- Analysis and approval of contractor's bills and Price escalation.
- Maintaining operational control over the tender preparation & co-ordination.
- Implementing & managing tender processes, project schedules and compliance.
- Co-ordination with Clients and Contractors for review of progress of projects as well as for timely completion of project and to resolve any technical matter.
- Monitoring of Sewage Treatment Plant, Sewerage network, Storm water drainage system, Auxiliary Pumping System, Pressure mains.
- Trouble shooting for design, modifications/additions at Site.

Client service Management:

- DPR approval from State and Central government (India).
- Commissioning of UASB based new 43 MLD Kapurai STP.
- Provided technical support to client for documentation as well as on Site.

2. Anjali system (Dongre Associates), Baroda

Duration: 26 June 2006 to 22 July 2006

Work: As a Trainee Engineer

Responsibilities: Tender management, Cost estimation, Rate analysis, support to contract execution.

EDUCATION

Master of Environmental Engineering M. S. University, Baroda, Gujarat, India(Grade-First Class)

(Project during thesis "Study on Pretreatment of Treated Sewage for Reverse Osmosis Process")

Bachelor of Civil Engineering M. S. University, Baroda, Gujarat, India (Grade-First Class)

JACOB HUGHES

Email: jhughes@cornerstoneengllc.com

WORK EXPERIENCE

Project Surveying Engineering, Feb 2022 – Present

Cornerstone Engineering, LLC

DeShazo Crane Company, May 2021 – Feb 2022

- Created and developed preliminary overhead crane designs for individually requested.
- Established best practices for performing complex estimates and advanced the supporting cost management process and procedures.
- Ensured proper application business by developing accurate, timely, and professional estimates.
- Developed, evaluated, and discussed possible solutions and Accounts Manager, Project Manager, Sub-contractor, Supplier, and/or customer.
- Expedited estimating process and software to maximize efficiency within a strenuous bidding schedule.
- Supported continuous improvement efforts and the change of management effects associated with the implementation of improvements.
- Assisted salesperson with developments of RFP for multiple projects.

Systems Application Engineer, October 2018 – March 2021

Johnson Controls, Inc.

- Ensured proper application of systems products to meet customer requirements and expectations.
- Assisted National Account Managers and Integrated Systems Managers (ISM's) in preparing bid responses and functional specifications.
- Developed and created multimillion-dollar security system proposals and drawings for highly competitive bids.
- Generated initial BOM estimates as part of early program launch, prototype BOM, and final BOM for manufacturing and construction for multimillion-dollar projects.
- Wrote and executed complex SQL queries to gather information.

- Provided technical assistance to Business Operations and the field organization at system startup ensuring proper understanding by the field office regarding systems intent.
- Produced scope of work documents, technical data packets, and project plans that helped generate revenue for nationally recognized accounts.
- Provided technical support for questions pertaining to assigned products to end-users, channel partners, sales, and customer service for domestic and international markets.
- Resolved customer issues or difficulties in a manner that is consistent with the company mission, values, and financial objectives.
- Architected custom integrations and automation of workflows to achieve operational efficiencies.
- Upgraded customer application servers, client workstations, and panel camera firmware.
- Identified customers' needs and sales opportunities to help future growth.

Application Engineer, April 2017 – September 2018

Morrow Water Technologies, Inc.

- Managed, quoted, and bid municipal water projects from booster pumping stations to sewage lift stations in the Alabama area.
- Provided pricing and product information for quotations to field sales, and directly to customers when necessary and required.
- Researched customer technical specifications to estimate the cost, resources, time, and technical requirements of modifying, configuring, and installing packaged pump stations in the field.
- Evaluated technical data and created reports for submittal to customers upon project completion.
- Created test plans to ensure successful completion promptly.
- Consulted with suppliers regarding the manufacturability of designs to ensure any possible issues were minimal.
- Diagnosed problems with existing packaged pump stations and directed repair work to ensure proper completion.
- Created and conducted training seminars with a prospective customers and company representatives.
- Reviewed quotations for order terms and conditions of sale.

TECHNICAL SKILLS

Programs: AutoCAD, SQL, Compass, Salesforce, SolidWorks, MatLab, Microsoft Office.

Certifications: Lenel, CCure, Genetec, Bosch, Guard Center, Honeywell, AMAG Technology.

EDUCATION

The University of Alabama- Tuscaloosa, AL

Bachelor of Science in Mechanical Engineering (BSME) – May 2016

Minor in Mathematics

Awards and Accolades

Above and Beyond Award

Johnson Controls Global Center of Excellence – Q3 Fiscal Year 2020

This award is to recognize an individual or team who has performed tasks or services in an exemplary manner, has gone "above and beyond" what is expected in their normal range of responsibilities, and/or has improved the quality of life at JCI.