
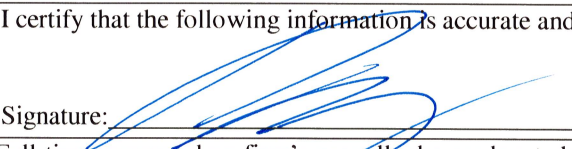


STANDARD FORM: APG-1001, Professional Engineering and Related Services

(10/2008)

<p>1. Project title PROFESSIONAL ENGINEERING DESIGN AND RELATED SERVICES IN SUPPORT OF: "MOVE ASCENSION"</p>	<p>2. Project number ENG-17-100</p>																		
<p>3a. Firm (as registered with the Louisiana Secretary of State) and mailing address of the office to perform work</p> <div style="text-align: center; margin: 10px 0;">  </div> <p>Quality Engineering & Surveying, LLC 18320 Hwy 42 Port Vincent, LA 70726</p>	<p>3b. Name, title, telephone number, and e-mail address of the official with signing authority for this contract Deric J. Murphy, PE, LSI – President 225-698-1600 dmurphy@qesla.com</p> <p>3c. Name, Title, telephone number, e-mail address and registration number of full-time LA licensed engineer in responsible charge of the project (not required for non-engineering projects) Deric J. Murphy, PE, LSI – President 225-698-1600 dmurphy@qesla.com LA 29602</p>																		
<p>3d. I certify that the following information is accurate and complete to the best of my knowledge (must be same person as 3b):</p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 45%;"> <p>Signature: </p> </div> <div style="width: 45%;"> <p>Date: <u>06/19/2017</u></p> </div> </div>																			
<p>4. Full-time personnel on firm's payroll who are located at the primary work location identified in 3a above:</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 80%;">a. Civil Engineers, with current Louisiana P.E. registration</td><td style="text-align: right; border-bottom: 1px solid black;">3</td></tr> <tr><td>b. Environmental Engineers, with current Louisiana P.E. registration (not included in 4a)</td><td style="text-align: right; border-bottom: 1px solid black;">0</td></tr> <tr><td>c. Land Surveyors, with current Louisiana P.L.S. registration</td><td style="text-align: right; border-bottom: 1px solid black;">1</td></tr> <tr><td>d. Engineers In Training, with current Louisiana E.I. registration</td><td style="text-align: right; border-bottom: 1px solid black;">2</td></tr> <tr><td>e. Designers/Draftsmen</td><td style="text-align: right; border-bottom: 1px solid black;">5</td></tr> <tr><td>f. Survey Party Chiefs</td><td style="text-align: right; border-bottom: 1px solid black;">3</td></tr> <tr><td>g. Real Estate Professionals (Agents and Certified Appraisers)</td><td style="text-align: right; border-bottom: 1px solid black;">0</td></tr> <tr><td>h. Other personnel not included in above categories</td><td style="text-align: right; border-bottom: 1px solid black;">19</td></tr> <tr><td style="padding-left: 20px;">Total personnel at primary work location (sum of a – h)</td><td style="text-align: right; border-bottom: 1px solid black;">33</td></tr> </table>		a. Civil Engineers, with current Louisiana P.E. registration	3	b. Environmental Engineers, with current Louisiana P.E. registration (not included in 4a)	0	c. Land Surveyors, with current Louisiana P.L.S. registration	1	d. Engineers In Training, with current Louisiana E.I. registration	2	e. Designers/Draftsmen	5	f. Survey Party Chiefs	3	g. Real Estate Professionals (Agents and Certified Appraisers)	0	h. Other personnel not included in above categories	19	Total personnel at primary work location (sum of a – h)	33
a. Civil Engineers, with current Louisiana P.E. registration	3																		
b. Environmental Engineers, with current Louisiana P.E. registration (not included in 4a)	0																		
c. Land Surveyors, with current Louisiana P.L.S. registration	1																		
d. Engineers In Training, with current Louisiana E.I. registration	2																		
e. Designers/Draftsmen	5																		
f. Survey Party Chiefs	3																		
g. Real Estate Professionals (Agents and Certified Appraisers)	0																		
h. Other personnel not included in above categories	19																		
Total personnel at primary work location (sum of a – h)	33																		
<p>5. Full-time personnel on firm's payroll, not located at the primary work locations, to be used on this project:</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 80%;">a. Civil Engineers</td><td style="text-align: right; border-bottom: 1px solid black;"></td></tr> <tr><td>b. Environmental Engineers (not included in 5a)</td><td style="text-align: right; border-bottom: 1px solid black;"></td></tr> <tr><td>c. Land Surveyors, with current Louisiana P.L.S. registration</td><td style="text-align: right; border-bottom: 1px solid black;">1</td></tr> <tr><td>d. Engineers In Training, with current Louisiana E.I. registration</td><td style="text-align: right; border-bottom: 1px solid black;"></td></tr> <tr><td>e. Designers/Draftsmen</td><td style="text-align: right; border-bottom: 1px solid black;"></td></tr> <tr><td>f. Survey Party Chiefs</td><td style="text-align: right; border-bottom: 1px solid black;"></td></tr> <tr><td>g. Real Estate Professionals (Agents and Certified Appraisers)</td><td style="text-align: right; border-bottom: 1px solid black;"></td></tr> <tr><td>h. Other personnel not included in above categories</td><td style="text-align: right; border-bottom: 1px solid black;"></td></tr> <tr><td style="padding-left: 20px;">Total personnel not located at the primary work location (sum of a – h)</td><td style="text-align: right; border-bottom: 1px solid black;">1</td></tr> </table>		a. Civil Engineers		b. Environmental Engineers (not included in 5a)		c. Land Surveyors, with current Louisiana P.L.S. registration	1	d. Engineers In Training, with current Louisiana E.I. registration		e. Designers/Draftsmen		f. Survey Party Chiefs		g. Real Estate Professionals (Agents and Certified Appraisers)		h. Other personnel not included in above categories		Total personnel not located at the primary work location (sum of a – h)	1
a. Civil Engineers																			
b. Environmental Engineers (not included in 5a)																			
c. Land Surveyors, with current Louisiana P.L.S. registration	1																		
d. Engineers In Training, with current Louisiana E.I. registration																			
e. Designers/Draftsmen																			
f. Survey Party Chiefs																			
g. Real Estate Professionals (Agents and Certified Appraisers)																			
h. Other personnel not included in above categories																			
Total personnel not located at the primary work location (sum of a – h)	1																		

6. Do you presently have sufficient staff to perform these services in the designated time frame? (Yes/No)
Yes

7. Identify the element of work (as defined in the advertisement), and the % of the element to be performed by the firm. Also, identify % of work for the overall project to be performed by the firm (must be at least 50%).



	COMPANY PERCENTAGE		
SCOPE	QES	Neel-Schaffer	Elos
Participation in Stage 0 Feasibility Studies and/or Value Engineering (VE) Studies, as necessary	25%	75%	0%
Topographic Surveys	100%	0%	0%
Preliminary and Final roadway and/or bridge plans	75%	25%	0%
Transportation Management Plans (TMPs), if required	50%	50%	0%
Traffic Signal Plans, as necessary	0%	100%	0%
Special Provision write-ups	0%	100%	0%
Cost estimates	100%	0%	0%
Permit sketches	100%	0%	0%
General engineering support during construction	100%	0%	0%
Quality reviews of plans developed in association with this contract (QA/QC)	100%	0%	0%
Environmental Engineering	0%	0%	100%

OVERALL PROJECT PERCENTAGE	
Quality Engineering & Surveying, LLC	75%
Neel-Schaffer	20%
Elos Environmental	5%

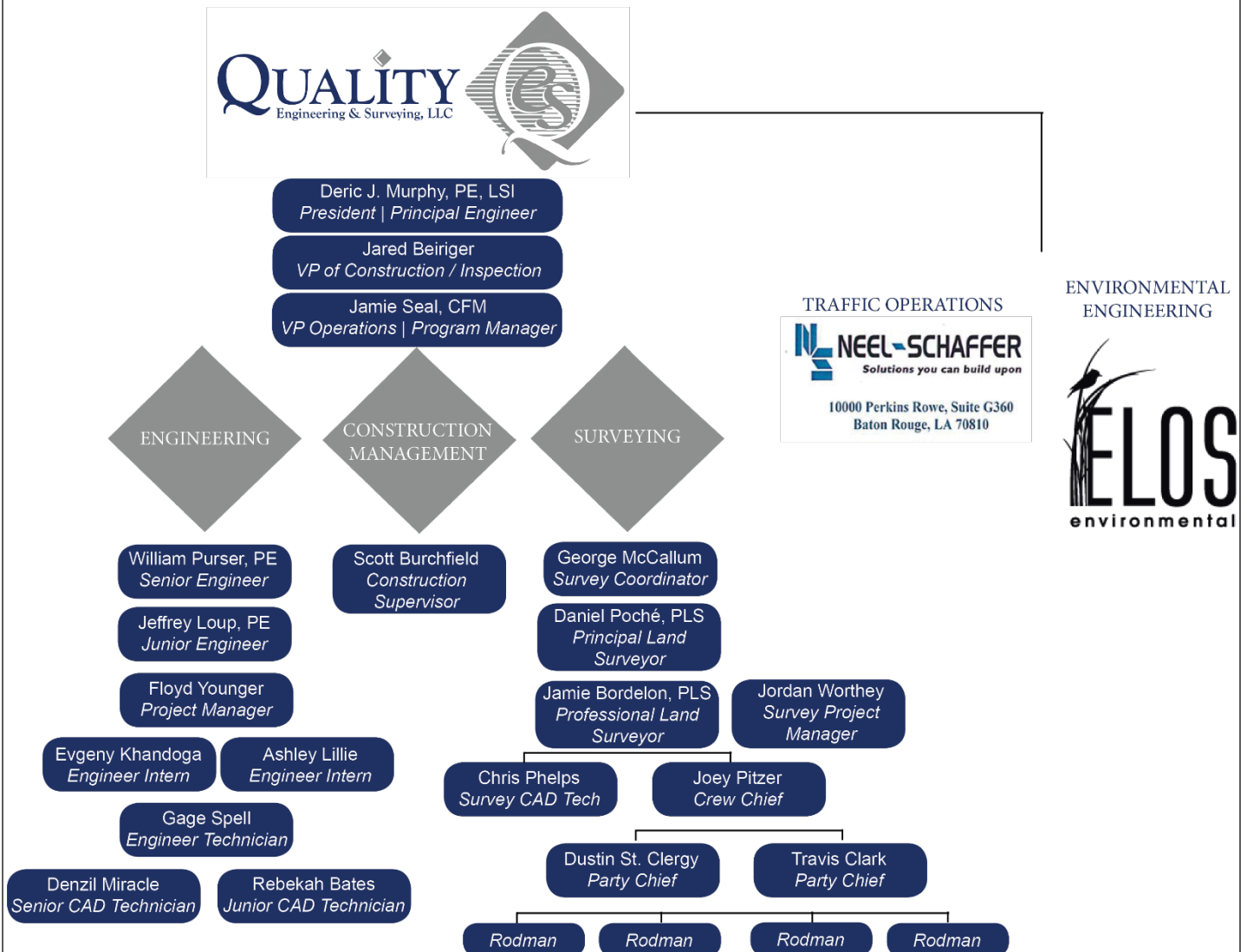
8. Do you intend to use a sub-consultant(s)? X yes ___no


(For use by the Prime Consultant only)


All subconsultants/associates listed for this project must attach a signed Form APG-1001


Name and address	Identify the element of work (as defined in the advertisement), and the % of the element to be performed by the sub-consultant Also, identify the % of work for the overall project to be performed by the sub-consultant.	Worked with prime before? (Yes/No)
1.  Solutions you can build upon 10000 Perkins Rowe, Suite G360 Baton Rouge, LA 70810	Participation in Stage 0 Feasibility Studies and/or Value Engineering (VE) Studies, as necessary - 75% Preliminary and Final roadway and/or bridge plans - 25% Transportation Management Plans (TMPs) - 50% Traffic Signal Plans, as necessary - 100% Special Provision write-ups - 100% Overall Project – 20%	YES
2.  43177 East Pleasant Ridge Road Hammond, LA 70403	Environmental Engineering - 100% Overall Project – 5%	YES


9. Staffing Plan – A Diagram showing all personnel specifically assigned to each work element of the project, their duties, and immediate supervisors. The Staffing Plan should also include the same information for Sub-consultants (if applicable).




10. Brief résumé of key persons anticipated to work on this project	
a. Name, title & domicile Deric J. Murphy, PE, LSI President, Principal Engineer Port Vincent, Louisiana	b. Position or Assignment for this project Principal Engineer
c. Name of firm by which employed full time 	d. Years experience: With this firm: <u>7</u> With other firms: <u>13</u>
e. Education: Degree(s) / Years / Specialization Bachelor of Science / 1996 / Civil Engineering Louisiana State University	f. Active registration: Year registered: <u>2001</u> Branch: <u>Civil Engineer</u> State: <u>LA</u> License No.: <u>29602</u> Year registered: <u>1998</u> Branch: <u>Land Surveyor Intern</u> State: <u>LA</u> License No.: <u>427</u>
g. Specific experience and qualifications relevant to the proposed project: <p>Deric Murphy is a graduate of Louisiana State University, receiving his Bachelor's degree in Civil Engineering in 1996, and receiving his Professional Engineering License in 2001. Since then, he has concentrated on serving the land development industry. He has designed, drafted and managed hundreds of projects ushering them from conceptual design to completion. He has represented projects at planning commission and parish council meetings. His experience includes design, supervision and general coordination of sub-consultants for various civil and municipal projects as well as the preparation of detailed construction plans, reports, technical specifications, contract documents, bid packages, cost estimates, hydraulic calculations and field studies. The types of projects he has been associated with include commercial and retail facilities, new sewer systems, highways, drainage and storm water improvements, water supply systems, pump station design, residential subdivisions and construction phasing plans. His experience in working one on one with the client and local governing agencies allows him to provide quality projects, thus ensuring that each one meets or exceeds even the most stringent timelines and budgets.</p> <p>Highway 942 – Street and Highway Lighting Design Survey, Ascension Parish</p> <ul style="list-style-type: none"> ❖ Mr. Murphy was the Principal Engineer on this project. His role included project oversight and quality assurance. <p>QES completed a right of way survey of approximately 4,000 feet of roadway long Highway 942 in Ascension Parish. The survey included location of all features and utilities located within the right-of-way. In addition, QES also surveyed the heights of all power poles, light fixtures and other appurtenances for the use of designing new lights along the roadway.</p> <p>Boudreaux St. to Gilmore Dr. Drainage Improvements, St. Mary Parish</p> <ul style="list-style-type: none"> ❖ Mr. Murphy is the Principal Design Engineer on this project. His role included civil site design and project oversight. <p>The Boudreaux Street to Gilmore Drive Drainage Improvements project will convert a 1,117 lineal feet earthen ditch into a subsurface drainage system that backs-up and causes water to pond in a residential subdivision in which houses flood on a regular basis.</p> <p>Jesuit Bend Drainage Improvements, Plaquemines Parish</p> <ul style="list-style-type: none"> ❖ Mr. Murphy is the Principal Design Engineer on this project. His role included civil site design and project oversight. <p>QES was selected by Plaquemines Parish to provide hydraulic and hydrology study and analyses for improvement of drainage to Jesuit Bend at LA Hwy 23. With the study and analysis complete Mr. Murphy is currently coordinating permitting and construction efforts to alleviate drainage restrictions that created an environment susceptible to severe flooding during storm events.</p> <p>Recovery Roads Program, New Orleans, LA</p> <ul style="list-style-type: none"> ❖ Mr. Murphy was the Principal Engineer on this project. His role included project oversight and quality assurance. <p>The scope of the project includes locating all utilities, roadways, sidewalks, driveways in over 80,000 linear feet throughout this suburb of New Orleans. All data is compiled using Louisiana Department of Transportation and Development coding system and post processing line work and points for the design of the project in computer aided drafting.</p>	

10. Brief résumé of key persons anticipated to work on this project	
a. Name, title & domicile William Purser, PE Senior Project Manager Port Vincent, LA 70726	b. Position or Assignment for this project Senior Project Manager – Civil Engineering – Roadway Design
c. Name of firm by which employed full time 	d. Years experience: With this firm: <u>3</u> With other firms: <u>20</u>
e. Education: Degree(s) / Years / Specialization Bachelor of Science / 1994 / Civil Engineering University of Idaho Graduate Classes in Pavement Design	f. Active registration: Year registered: <u>2001</u> Branch: <u>Civil Engineer</u> State: <u>LA</u> License No.: <u>29357</u>
g. Specific experience and qualifications relevant to the proposed project: Mr. Purser has more than twenty years of increasing responsibility in Civil Engineering and Public Works projects in Tennessee, Mississippi, Louisiana, Texas, and Alabama. Mr. Purser demonstrates excellent skills in engineering, project design, cost estimation, and working within tight budgets and timelines. As an experienced project manager he has been responsible for seeing multiple projects through from initial surveys and planning to find bid and completion. Mr. Purser has extensive experience across core civil engineering disciplines of roadway/transportation, drainage, water line, and site design. Recently joining QES, Mr. Purser brings with him strong communication, persuasion, and negotiation skills, and the ability to effectively communicate complex engineering concepts to non-technical staff.	
I-10 Design Build Widening from Siegen Lane to Highland Road (3 miles) ❖ Responsible for providing assistance on various design units, including roadway, patching, retaining walls, drainage, maintenance of traffic and clearing and grubbing. Responsibilities also included meeting with the contractor to ensure proper coordination and to assist with As-built drawings. Project Cost - 60 million	
I-12 Design-Build Widening from O'Neal Lane to Pete's Highway (4 miles) ❖ Responsible for updating design plans in order to meet changes in field conditions and coordination with the contractor. This included drainage updates and roadway grade adjustments. Project Cost - \$70 million	
LA-1 to I-10 Connector Roadway ❖ Responsible for prelim design of a new 3 mile connector route between LA 1 to the LA 415 & I-10 interchange including railway spur and roadway realignments associated with new roadway, drainage design, & alignment of a new bridge across the Gulf Intercoastal Waterway, and flyover ramps. Project Cost - \$130-147 million	
Oakdale Elementary Turn Lane, Tuscaloosa, AL ❖ Designed a left turn lane on US 11 to help increase safety for the Oakdale School. Included new drainage system, ROW acquisition, and coordination with the City of Tuscaloosa, ALDOT, utility companies, and property owners.	
Lexington Boulevard from Fifth Street to FM 1092, Missouri City, TX ❖ Provided construction management and inspection services as well as construction phase engineering for approximately 3,000 linear feet of partial boulevard section to complete the final phase for this east-west connector. The project consisted of over 2,000 linear feet of large reinforced concrete box culvert and associated inlets, reinforced concrete pavement, traffic signalization, and roadway lighting.	

10. Brief résumé of key persons anticipated to work on this project	
a. Name, title & domicile Jeff Loup, PE Project Manager Port Vincent, LA 70726	b. Position or Assignment for this project Project Manager
c. Name of firm by which employed full time 	d. Years experience: With this firm: <u>4</u> With other firms: <u>14</u>
e. Education: Degree(s) / Years / Specialization Bachelor of Science / 1999 / Civil Engineering Louisiana State University	f. Active registration: Year registered: <u>2004</u> Branch: <u>Civil Engineer</u> State: <u>LA</u> License No.: <u>31277</u>
<p>g. Specific experience and qualifications relevant to the proposed project:</p> <p>As a member of the Quality Engineering & Surveying, LLC Team, Mr. Loup has experience in project management, design and construction engineering in a wide variety of civil engineering projects that will benefit Ascension Parish. These projects have involved design and construction administration of: state highways and other public roadways, off-system bridges, drainage canal improvements, storm drainage systems, detention ponds, water system expansions and improvements, sewer treatment plants, pumping stations, force mains and collection systems, earthwork, and erosion control. Mr. Loup also has experience in the approval process for COE 404 permits, DEQ WPS-g permits for sewer treatment plants, DHH permits for sewer and water systems, DOTD permits for driveways, road bores and construction within state right-of-ways, boundary surveys and ALTA/ASCM survey maps. Mr. Loup has trained several engineering interns and drafting technicians in preparing plans, specs and cost estimates. He has demonstrated exceptional ability in the areas of resource coordination and client communications.</p> <p>Keystone of Galvez- Prairieville, Louisiana</p> <ul style="list-style-type: none"> ❖ QES completed design of this subdivision which consists of 34,681 linear feet of roadway and 930 residential lots on 340 acres located in Ascension Parish. QES was charged with all infrastructure design consisting of 36,000 linear feet of roadway and construction administration of those improvements. The all infrastructure met the requirements of parish and state requirements. <p>Bass Pro Boulevard</p> <ul style="list-style-type: none"> ❖ The project included design of approximately 1 mile of roadway to be located inside of an existing GSU right-of-way. The project connected Range Avenue and 4-H Club Road and now serves as the main thoroughway for a large commercial development. <p>Gulf Island Road</p> <ul style="list-style-type: none"> ❖ Mr. Loup provided oversight and coordination of the geotechnical sub consultant, driveway permit approval from LDOTD, water and sewer permits from the Louisiana Department of Health and Hospitals and final acceptance with Terrebonne Parish. <p>Rebecca Plantation Subdivision</p> <ul style="list-style-type: none"> ❖ Mr. Loup was responsible for design calculations and preparation of construction plans including horizontal alignment, vertical alignment, subsurface drainage, water mains, low pressure sewer system, lighting and coordinating with Louisiana DOTD. <p>1-49 South, Raceland to Westbank Expressway</p> <ul style="list-style-type: none"> ❖ Mr. Loup performed technical reviews of the geometric design for each link & coordinated with LADOTD on plotting acquired right-of-way parcels for a portion of the project. Project included providing Line & Grade engineering, Public Information Process, Traffic Analysis, Website Development, Cultural Resource Investigation, & preparation of 2 Environmental Impact Statements. 	

10. Brief résumé of key persons anticipated to work on this project	
a. Name, title & domicile Daniel Poché, PLS Principal Land Surveyor Port Vincent, LA	b. Position or Assignment for this project Principal Land Surveyor
c. Name of firm by which employed full time 	d. Years experience: With this firm: <u>1</u> With other firms: <u>22</u>
e. Education: Degree(s) / Years / Specialization Bachelor of Science / 2010 / Geomatics Nicholls State University	f. Active registration: Year registered: <u>2011</u> Branch: <u>Professional Land Surveyor</u> State: <u>LA</u> License No.: <u>5066</u>
<p>g. Specific experience and qualifications relevant to the proposed project:</p> <p>Originally from Paulina, St. James Parish, Mr. Poché grew up along the Mississippi River. Mr. Poché graduated from Nicholls State University with a BS in Geomatics in May 2010 and has been licensed as a Professional Land Surveyor for 5 years. Mr. Poché serves as supervising professional and department manager for Quality Engineering & Surveying, LLC, specializing in turn-key design-build residential and commercial land development projects throughout Louisiana.</p> <p>Having been in the surveying industry for 22 years, he has worked on various surveying projects from slab surveys, FEMA/City Elevation certificate forms, FEMA LOMA/CLOMA, re-subdivision/re-division of property to create or combine lots of record, ALTA/NSPS surveys performed undeveloped and developed properties, and no-work affidavits. He especially enjoys helping people when they need a survey, having a boundary questions or following the footsteps of a previous surveyors to help locate or re-establish boundaries.</p> <p>Boudreaux St. to Gilmore Dr. Drainage Improvements, St. Mary Parish</p> <ul style="list-style-type: none"> ❖ Mr. Poché acted as the principal land surveyor for this project. His duties will include project oversight and quality control. <p>The Boudreaux Street to Gilmore Drive Drainage Improvements project will convert a 1,117 lineal feet earthen ditch into a subsurface drainage system that backs-up and causes water to pond in a residential subdivision in which houses flood on a regular basis.</p> <p>Grays Creek Drainage Improvements, Livingston Parish, LA</p> <ul style="list-style-type: none"> ❖ Mr. Poché is acting as the principal land surveyor for this project. His duties will include project oversight and quality control. <p>QES was selected to provide surveying and engineering services for a drainage improvement project for Gray's Creek. At approximately eighteen (18) miles, Gray's Creek is the largest drainage project to be undertaken in Livingston Parish. QES utilized three (3) full time survey crews and staff and professional engineers to develop a solution to reduce the effect of inland flooding in Livingston Parish.</p> <p>Retainer Contract for Cooperating Technical Partners (CTP) Statewide, Louisiana</p> <ul style="list-style-type: none"> ❖ Mr. Poché will act as the principal land surveyor for this project. His duties will include project oversight and quality control. <p>QES was recently awarded a contract as a sub-consultant to Dewberry to perform surveying and related services for the support of the Cooperating Technical Partner (CTP) Agreement between DOTD and FEMA and to accurately determine flood risk throughout the state under the Risk MAP program for statewide projects. The primary basis for the determination of flood risk will be through hydrologic and hydraulic modeling, supported by field survey and remote sensing. QES will provide all surveying work for this project.</p>	

10. Brief résumé of key persons anticipated to work on this project	
a. Name, title & domicile Jamie Bordelon, PLS, CFM Professional Land Surveyor Mansur, LA	b. Position or Assignment for this project Professional Land Surveyor
c. Name of firm by which employed full time 	d. Years experience: With this firm: <u>5</u> With other firms: <u>9</u>
e. Education: Degree(s) / Years / Specialization Bachelor of Science / 2002 / Geomatics Louisiana State University	f. Active registration: Year registered: <u>2007</u> Branch: <u>Professional Land Surveyor</u> State: <u>LA</u> License No.: <u>4977</u> Year registered: <u>2014</u> Branch: <u>Certified Floodplain Manager</u> State: <u>US</u> License No.: <u>US-14-07632</u>
g. Specific experience and qualifications relevant to the proposed project: Mr. Bordelon serves as supervising professional for Quality Engineering & Surveying, LLC, specializing in turn-key design-build residential, commercial land development, and major roadway projects in South Louisiana. His duties and responsibilities include survey personnel management, project management, product QA/QC, and project planning and coordination. In addition to managing large-scale land development projects, Mr. Bordelon also helps manage a workflow of smaller, shorter term municipal and commercial site projects for architects, contractors and engineers. Bayou Dupont Marsh and Ridge Creation, Lafitte, Louisiana ❖ Mr. Bordelon was the Professional Land Surveyor and Project Manager for this project. Produced preliminary design topographic/hydrographic survey for engineering firm. Services included both dry and broken marsh and ground surveys for surface modeling magnetometer/hazard surveys for pipeline and debris location; geodetic control survey and plan and profile production for design engineers. Keystone of Galvez, Ascension Parish ❖ Mr. Bordelon is the Principal Land Surveyor for this project. Managing surveying and permitting operations including boundary, topographic, subdivision, and construction layout for 160+ acres residential PUD type development in Ascension Parish; Tasks include field crew management; process and review utility as-builts, LOMA/LOMR; road and utility layout supervision; preliminary boundary surveys; final plat review West Feliciana Drainage Improvements, West Feliciana Parish ❖ Mr. Bordelon is the Professional Land Surveyor on this project. His role includes survey and GIS mapping. The West Feliciana Drainage Project is to concentrate on internal drainage improvements in three areas of the parish. The project concept is to facilitate the improvement of the open ditch drainage within the Turner Subdivision, Hardwood Subdivision, and the Greenwood/Solitude Road areas. Plank Road – Kleinpeter Road Capacity Improvement Project, East Baton Rouge Parish ❖ Mr. Bordelon is a Project Manager and Surveyor, his role includes overall project coordination and surveying. Completed route survey to produce right-of-way maps for land acquisition through approximately 25,000 linear feet of sewer capacity improvement corridor in East Baton Rouge Parish. Fieldwork included evaluation of major thoroughfares and routes throughout Baton Rouge.	

10. Brief résumé of key persons anticipated to work on this project

a. Name, title & domicile

George McCallum
Survey Coordinator
Port Vincent, LA

b. Position or Assignment for this project

Survey Coordinator

c. Name of firm by which employed full time



d. Years experience:

With this firm: 2 With other firms: 30

e. Education: Degree(s) / Years / Specialization

Not Applicable

f. Active registration:

Not Applicable

g. Specific experience and qualifications relevant to the proposed project:

Mr. McCallum has experience in the land surveying profession. From research development to field chief and ultimately as QES's Survey Manager, Mr. McCallum understands a wide array of projects and the magnitude and direction of each project. Over his tenure, he has performed a plethora of differing surveys that allow him to provide insight and direction of field and office personnel to be efficient in project management. In the past, he has maintained good working relationships with Project Administrators and Parish officials to ensure that compliance and completeness of each project are successful.

Grays Creek Drainage Improvement, Livingston Parish

❖ Mr. McCallum was the Survey Coordinator for this project.

Managed surveying department consisting of 3 field crews while surveying eighteen (18) miles of Gray's Creek, which is the largest drainage project to be undertaken in Livingston Parish. This project consisted of topographic surveys.

Breaux Bridge Manor Drainage Improvements, St. Martin Parish

❖ Mr. McCallum was the Survey Coordinator for this project.

QES was selected to complete the studies and design of the Breaux Bridge Manor Drainage Improvement project. The project will remove an existing box culvert that is set at the wrong elevation Doyle Melancon Road in Breaux Bridge, LA. A larger culvert will replace the existing culvert and will be set at the appropriate elevation to ensure proper conveyance of water in the drainage area.

Boudreaux Drive to Gilmore Street Drainage Improvements, St. Mary Parish


❖ Mr. McCallum was the Survey Coordinator for this project.

QES is providing preliminary H&H studies to provide recommendations for drainage improvements in the Berwick area of St. Mary Parish. Once complete with recommendations, QES will engineer and design the drainage improvements to an existing earthen channel of 1,711 linear feet and existing culverts to a proposed subsurface drainage system in order to properly drain the areas of flooding in the area.

Retainer Contract for Cooperating Technical Partners (CTP) Statewide, Louisiana

❖ Mr. McCallum is the survey coordinator for this project.

QES was recently awarded a contract as a sub-consultant to Dewberry to perform surveying and related services for the support of the Cooperating Technical Partner (CTP) Agreement between DOTD and FEMA and to accurately determine flood risk throughout the state under the Risk MAP program for statewide projects. The primary basis for the determination of flood risk will be through hydrologic and hydraulic modeling, supported by field survey and remote sensing. QES will provide all surveying work for this project.

10. Brief résumé of key persons anticipated to work on this project	
a. Name, title & domicile Chris Phelps Survey Technician Port Vincent, LA	b. Position or Assignment for this project Survey Technician
c. Name of firm by which employed full time 	d. Years experience: With this firm: <u>.9</u> With other firms: <u>20</u>
e. Education: Degree(s) / Years / Specialization Associates Degree / 1996 / Computer Drafting & Design Technology Louisiana Technical College	f. Active registration: Not Applicable
<p>g. Specific experience and qualifications relevant to the proposed project: As a new member of the Quality Engineering & Surveying, LLC Team, Mr. Phelps is a graduate of Computer Drafting & Design at Louisiana Technical College, bringing with him years of experience in drafting and design. He has worked on a variety of commercial, residential, and municipal projects. His experience includes both office and field time. Mr. Phelps has experience using several widely used computer software packages and field collection equipment</p> <p>Gray's Creek Drainage Improvement, Livingston Parish</p> <ul style="list-style-type: none"> ❖ Mr. Phelps was the Survey Technician for this project. Quality Engineering and Surveying was selected to provide surveying and engineering service to improve drainage for Gray's Creek in Livingston Parish. At approximately eighteen (18) mile, Gray's Creek is the largest drainage project to be undertaken in Livingston Parish. Quality Engineering & Surveying, LLC will utilize three (3) full time survey crews, staff, and professional engineers to develop a solution to reduce the effect of inland flooding in Livingston Parish. <p>Retainer Contract for Cooperating Technical Partners (CTP) Statewide, Louisiana</p> <ul style="list-style-type: none"> ❖ Mr. Phelps will act as the survey technician for this project. QES was recently awarded a contract as a sub-consultant to Dewberry to perform surveying and related services for the support of the Cooperating Technical Partner (CTP) Agreement between DOTD and FEMA and to accurately determine flood risk throughout the state under the Risk MAP program for statewide projects. The primary basis for the determination of flood risk will be through hydrologic and hydraulic modeling, supported by field survey and remote sensing. QES will provide all surveying work for this project. <p>Boudreaux St. to Gilmore Dr. Drainage Improvements, St. Mary Parish</p> <ul style="list-style-type: none"> ❖ Mr. Phelps will act as the survey technician for this project. The Boudreaux Street to Gilmore Drive Drainage Improvements project will convert a 1,117 lineal feet earthen ditch into a subsurface drainage system that backs-up and causes water to pond in a residential subdivision in which houses flood on a regular basis. <p>Baton Rouge Metropolitan Airport, East Baton Rouge Parish</p> <ul style="list-style-type: none"> ❖ Mr. Phelps will act as the survey technician for this project. Quality Engineering and Surveying and ARCHITECTS+, teamed on this project to provide complete civil and architectural services. Design services included development of plans and specifications, bid process management and analysis, construction administration, and as-built drawings. 	

10. Brief résumé of key persons anticipated to work on this project

a. Name, title & domicile
Jordan Worthy
Survey CAD Technician
Port Vincent, LA

b. Position or Assignment for this project

Survey CAD Technician

c. Name of firm by which employed full time



d. Years experience:

With this firm: .7 With other firms:
16

e. Education: Degree(s) / Years / Specialization

Associates Degree / 2007 / Computer Drafting & Design Technology
ITI Technical College

f. Active registration:

Not Applicable

g. Specific experience and qualifications relevant to the proposed project:

Jordan is a hardworking, technical savvy CAD Technician in the QES survey department. Jordan focuses on meeting demanding project timelines and has a reputation for completing projects on time and to project standards. He has considerable experience performing topographic, construction stakeout and as built surveys, using conventional equipment, total stations, and GPS instruments. He is also experienced producing and reviewing construction plans and specifications using AutoCAD. Jordan has considerable experience working on LADOTD projects throughout Louisiana, as showcased below.

Juban Road, Livingston Parish

- ❖ Mr. Worthy was a CAD Technician on this project.
While working with Ferris Engineering, Mr. Worthy worked on right-of-way maps for Juban Crossing and Juban Road, all to LADOTD standards.

West Bank Hurricane Protection Levee System, St. Charles Parish

- ❖ Mr. Worthy was a CAD Technician on this project.
While working with Shread-Kuryendall and Associates, Mr. Worthy was a CAD Technician for all projects. The Levee System included over 6 miles of constructed levee and the design of a 750 CFS storm water pump station. Other pump station design experience includes the Lakewood Pump Station, Schexnaydre Lane Pump Station, and the Sellers Canal Pump Station in St. Charles Parish.

Burbank Drive (LA 42) Segment 2 (Bluebonnet to Highland) Urban Arterial, East Baton Rouge Parish

- ❖ Mr. Worthy was the CAD Technician for this LADOTD project.
Mr. Worthy not only worked on the design of this project, he also handled construction costs for this project.

11. Work by firm which best illustrates project experience relevant to this project (List not more than 10 Projects)

a. Project name & location	b. Project description	c. Nature of firm's responsibility & firm members involved	d. Client's name, address, and telephone number	e. Completion date or Percent Complete & cost in thousands
<p>Retainer Contract for Cooperating Technical Partners (CTP) Statewide</p> <p>Louisiana</p>	<p>QES was recently awarded a contract as a sub-consultant to Dewberry to perform surveying and related services for the support of the Cooperating Technical Partner (CTP) Agreement between DOTD and FEMA and to accurately determine flood risk throughout the state under the Risk MAP program for statewide projects. The primary basis for the determination of flood risk will be through hydrologic and hydraulic modeling, supported by field survey and remote sensing. QES will provide all surveying work for this project.</p>	<p>Subconsultant to Dewberry to complete all surveying services.</p> <p>Deric Murphy, PE, LSI Jamie Seal, CFM Daniel Poché, PLS Jamie Bordelon, PLS, CFM Jordan Worthey Geroge McCallum Chris Phelps</p>	<p>Dewberry Jerri Daniels 1615 Poydras Street, Suite 1295 New Orleans, LA 70112-1266 (504) 872-3766</p>	<p>Completion Date – Ongoing</p> <p>\$1,200,000</p>
<p>Gray's Creek Drainage Improvement Project</p> <p>Livingston Parish</p>	<p>QES was selected to provide surveying and engineering services for a drainage improvement project for Gray's Creek. At approximately eighteen (18) miles, Gray's Creek is the largest drainage project to be undertaken in Livingston Parish. QES utilized three (3) full time survey crews and staff and professional engineers to develop a solution to reduce the effect of inland flooding in Livingston Parish.</p>	<p>♦Surveying ♦Hydraulic & Hydrologic Study and Analysis ♦Public Outreach</p> <p>Deric Murphy, PE, LSI William Purser, PE Jamie Seal, CFM Daniel Poché, PLS Jamie Bordelon, PLS, CFM Geroge McCallum Chris Phelps</p>	<p>Livingston Parish Gravity Drainage District No. 1 Wesley Kinnebrew 8114 Florida Boulevard Denham Springs, LA 70726 (225) 664-5827</p>	<p>Surveying – 100% Design – 95%</p> <p>Completion Date – Ongoing Improvements</p> <p>\$900,000</p>

Recovery Roads Program New Orleans, LA	Quality Engineering & Surveying was subcontracted to provide surveying services throughout this project during the design phase. The scope of the project includes locating all utilities, roadways, sidewalks, driveways in over 80,000 linear feet throughout this suburb of New Orleans. All data is compiled using Louisiana Department of Transportation and Development coding system and post processing line work and points for the design of the project in computer aided drafting.	Sub-Consultant QES was responsible for the surveying of the project Deric Murphy, PE, LSI Jamie Bordelon, PLS, CFM	Kenneth Bryant, VP BFM Corporation 534 Williams Boulevard Kenner, LA 70062 (504) 468-8800	June 2013 Cost - \$8,900,000
Ascension Commerce Center Ascension Parish, LA	Ascension Commerce Center consist of nearly 500 acres of industrial zoned property. QES was charged with planning design and construction oversight of the commercial roadway improvements. QES is currently designing a one miles industrial corridor connecting LA73 and LA30.	♦ Land Surveying ♦ Civil Design ♦ Construction Administration ♦ Road Improvements Deric Murphy, PE, LSI Jared Beiriger William Purser, PE Jamie Seal, CFM Daniel Poché, PLS Jamie Bordelon, PLS, CFM Geroqe McCallum Chris Phelps	LJG Land Company P.O. Box 692 New Roads, LA 70760 (225) 638-9015	Surveying – 100% Preliminary – 100% Design – 100% Construction Administration - Ongoing \$6,000,000

<p>Jesuit Bend Drainage Improvement</p> <p>Plaquemines Parish</p>	<p>Quality Engineering & Surveying, LLC provided professional services to Plaquemines Parish to improve drainage in the area of Jesuit Bend on LA Highway 23. The proposed project will improve drainage by allowing water to convey from the east side of LA Hwy 23 to the west side to the existing drainage system. QES secured funding from GOSHEP/FEMA to complete designs studies and surveys of area to improve drainage in the Jesuit Bend area. The proposed project included replacing existing culverts and installing new culverts at three different locations. Three studies of more than 60 acres was completed. This was a crucial project to Plaquemines Parish since flooding would occur due to the highway acting as a levee, floodwaters would pond over the road surface making it impossible for traffic to pass. In addition to flooding along the highway, a railway would incur damages on an annual basis due to the water not being able to run-off properly.</p>	<ul style="list-style-type: none"> ◆ Land Surveying ◆ Hydraulic and Hydrology Study and Analysis ◆ Civil Design ◆ Drainage ◆ Roadway ◆ Permitting ◆ Construction Layout <p>Deric Murphy, PE, LSI Jared Beiriger Jamie Seal, CFM William Purser, PE Daniel Poché, PLS Jamie Bordelon, PLS, CFM Geroge McCallum Chris Phelps</p>	<p>Plaquemines Parish Government Ken Dugas, P.E. 102 Avenue "G" Belle Chasse, LA 70037 (504) 297-5349</p>	<p>Completion Date – 2016</p> <p>\$97,113</p>
---	---	---	---	---

<p>Highway 942 Street and Roadway Lighting Design Survey</p> <p>Ascension Parish, LA</p>	<p>QES was contracted to provide right-of-way surveying for approximately one mile of Highway 942 from Highway 22 to Kramer Road. The surveying for this project will be used for design of the lighting within the right-of-way limits. This survey will include all features, improvements and utilities located within the right-of-way.</p>	<ul style="list-style-type: none"> ◆ Land Surveying ◆ Right-of-way maps ◆ Utility Location <p>Deric Murphy, PE, LSI Jamie Bordelon, PLS, CFM</p>	<p>Brian Martinez Ascension Parish Engineering Dept. 40277 Churchpoint Road Gonzales, LA 70737 (225) 621-5700</p>	<p>Completion Date – July 2011</p> <p>\$10,190</p>
<p>Multiple Residential Subdivisions</p> <p>Mossy Oaks Keystone of Galvez Stonegate Manor Parisienne Villas River Landing Legacy Oaks</p> <p>Ascension Parish</p>	<p>Quality Engineering & Surveying, LLC has designed multiple single family residential subdivisions located in Ascension Parish. These subdivisions have totaled in excess of 12 miles of roadway and infrastructure. These designs are based on site specific conditions working with geotechnical engineers.</p>	<ul style="list-style-type: none"> ◆ Planning ◆ Provided technical assistance to all parties involved with the project ◆ Land Surveying ◆ Construction Layout ◆ Civil Design ◆ Drainage ◆ Roadway <p>Deric Murphy, PE, LSI Jared Beiriger William Purser, PE Jamie Seal, CFM Jamie Bordelon, PLS, CFM Denzil Miracle Jordan Worthey Daniel Poché, PLS Gerooge McCallum</p>	<p>Keystone of Galvez, LLC P.O. Box 80296 Baton Rouge, LA 70898 (225) 698-1600</p>	<p>Ongoing</p> <p>\$8,000,000</p>

<p>Baton Rouge Metropolitan Airport</p> <p>East Baton Rouge Parish</p>	<p>Quality Engineering and Surveying and ARCHITECTS+, teamed on this project to provide complete surveying, civil and architectural services. Design services included development of plans and specifications, bid process management and analysis, construction administration, and as-built drawings.</p>	<ul style="list-style-type: none"> ◆ Land Surveying ◆ Civil Design ◆ Permitting ◆ Construction Administration <p>Deric Murphy, PE, LSI Jared Beiriger Jamie Seal, CFM William Purser, PE Jamie Bordelon, PLS, CFM Daniel Poché, PLS Chris Phelps George McCallum</p>	<p>Joseph Richard Owner Architects + 618 Main Street Baton Rouge, LA 70801 (225)334-9923</p>	<p>Completion Date – 2016</p> <p>\$750,000</p>
<p>Boudreaux St. to Gilmore Dr. Drainage Improvement</p> <p>St. Mary Parish</p>	<p>The Boudreaux Street to Gilmore Drive Drainage Improvements project will convert an 1,117 lineal feet earthen ditch into a subsurface drainage system that back-up and causes water to pond in a residential subdivision in which houses flood on a regular basis. In addition to drainage structures, additional pumps will be installed at the existing pump station to increase pumping capacity of the existing station.</p> <p>The project includes working with residents to determine what happens with drainage during rain events; completing surveying and hydraulic and hydrology studies; development of construction plans, bids and specifications. Resident inspection services during construction are also being performed.</p>	<ul style="list-style-type: none"> ◆Topographic Surveys ◆Floodplain Management ◆Civil Design ◆Roadway ◆Permitting ◆Drainage ◆Construction Administration <p>Deric Murphy, PE, LSI Jared Beiriger Jamie Seal, CFM William Purser, PE Jamie Bordelon, PLS, CFM</p>	<p>Henry “Bo” LaGrange St. Mary Parish Government 500 Main Street Franklin, LA 70538 (337) 828-4100</p>	<p>Completion Date – Surveying & Preliminary Design – 2013</p> <p>Construction Administration - Ongoing</p> <p>\$200,000</p>

<p>Breaux Bridge Manor Drainage Improvement</p> <p>St. Martin Parish</p>	<p>With our firms in house surveying capabilities, we performed surveys and field verification of drainage concern. All data and information will be provided in the H&H study provided to the parish for review. We have included a wetland scientist to provide us with an environmental review of areas affected by the proposed upgrades along with existing conditions along the drainage route. We will also provide documentation of any and all permits required to design and implement the improvements.</p> <p>Upon completion of the preliminary assessment and the H&H Study, we provided the parish with a preliminary drainage design complete with plans, specifications, and an engineer's cost estimate.</p>	<ul style="list-style-type: none"> ◆Topographic Surveys ◆Drainage ◆Civil Design ◆Roadway ◆Permitting ◆Construction Layout ◆Construction Administration <p>Deric Murphy, PE, LSI Jared Beiriger Jamie Seal, CFM William Purser, PE Jamie Bordelon, PLS, CFM</p>	<p>Faye Tucker St. Martin Parish Government 301 West Port Street St. Martinville, LA 70582 (337)394-2200</p>	<p>Completion Date – Surveying & Preliminary Design – 2012</p> <p>Construction Administration - Ongoing</p> <p>\$273,000</p>
--	--	---	--	--

12. All work by firm (all offices) currently being performed for or selected by Ascension Parish Government (as Prime or Sub-consultant)

a. Project name, and location*	b. Nature of your firm's responsibility (also identify if prime or sub-consultant)	c. Percent complete (by phase/type of work)	d. Contract fees (in thousands)** (by phase/type of work)	
			Total	Remaining
Lamar Dixon Soccer Complex	Prime – QES has an ongoing retainer contract with the Ascension Parish Recreation Department. QES was tasked with all surveying, planning, and civil design for the Lamar Dixon Soccer Complex as part of this retainer contract.	Design Phase – 100% Complete Bidding – 100% Complete Construction Administration – 90% Complete	Contract Fees - \$98,710 Construction Estimate - \$2,700,000	
* For master contracts, list open task orders individually ** Do not include sub-consultant's fees			\$98,710	
Total				

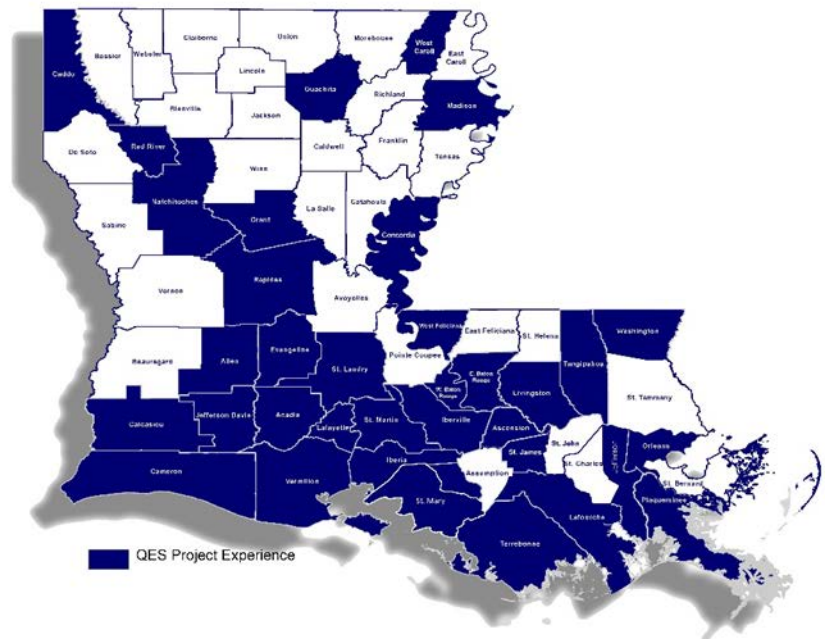
13. Use this space to provide any additional information or description of resources supporting your firm's qualifications for the proposed project. This section may also be used to submit proposed prices, if required. A maximum of two (2) additional sheets may be utilized to answer this question. All other sheets not specifically requested shall be excluded.

In response to the request for qualifications for PROFESSIONAL ENGINEERING AND DESIGN RELATED SERVICES – MOVE ASCENSION, Quality Engineering and Surveying, LLC is pleased to present this statement of qualifications to the Ascension Parish Government in an effort to provide professional services.

Consultant's firm experience on similar projects

Quality Engineering & Surveying, LLC (QES) has spent the past eight years providing services to residential, municipal, and commercial projects that are similar in scope to the Engineering and Land Surveying requested in the RFQ. The 10 projects previously listed are evidence of our knowledge of the scope of services for various private and municipal clients. QES has worked on similar engineering and surveying projects in Ascension Parish. Along the way, we have established strong relationships with local governments and companies, thus providing QES an advantage in successfully completing projects in the parish.

Quality Engineering & Surveying, LLC has provided work to over 35 Parishes in the state of Louisiana. These projects range from elevation certificates to Hazard Mitigation projects to subdivision design. Our experience and knowledge are vast and our relationships formed throughout the state allow us to improve the quality of life for Louisiana residents.



Consultant's personnel experience on similar projects

QES has provided numerous references familiar with the firm's professional reputation, as well as the personal reputation of many of the principals. QES and its staff members have provided professional services ranging from planning, surveying, and engineering for state and local agencies throughout Louisiana. Our prior experience with numerous parishes has been indicative to our capacity and our abilities to provide such services. We have a consistent record of quality projects that allow us to maintain good working relations along with repeat business from parishes and local municipalities in Louisiana.

Our team of professionals includes Mr. Deric Murphy, P.E., L.S.I., Mr. William Purser, PE, Mr. Jeff Loup, PE, Mr. Daniel Poché, PLS, Mr. Jamie Bordelon, P.L.S., CFM, Mr. George McCallum, and Mr. Joey Pitzer.

Engineering: Mr. Murphy will head the project with Mr. Purser and Mr. Loup acting as project managers. In regards to LADOTD experience, Mr. Purser has over 10 years of experience designing major roadway projects for state transportation departments, including LADOTD.

Surveying: With over 250 years of combined experience, our survey department has extensive land surveying experience: topographic surveys, boundary surveys, right-of-way maps, etc. Mr. Daniel Poché and Mr. Jamie Bordelon are both registered Professional Land Surveyors in the state of Louisiana. They both have over 5 years of experience conducting topographic and property surveys, as well as right-of-way maps. Our survey department support staff is more than capable of handling all field work. With two party chiefs with over 40 years of surveying experience each, they are capable of handling any task needed for Ascension Parish.

Traffic Operations: QES has teamed with Neel-Schaffer to provide all scope items related to Traffic Control, analysis, and signals. Jerry Trumps has 35 years of experience in traffic operations and roadway design.

We are capable of providing services on projects that are similar to the types described in the RFQ. We have included projects that demonstrate each of these services. Each of these professionals has unique experience throughout the state of Louisiana with many parish and local governments.

Consultant's local project experience

In the past eight years, QES has provided services, both engineering and surveying, to over 500 projects in Ascension Parish. Over 400 of those projects were surveying related services. Included in that number are close to 30 residential subdivisions for which QES provided both surveying and civil design. This contributed to the knowledge of the local parish government, permitting requirements, and the geographic layout of Ascension Parish as a whole.

Consultant's project understanding

QES has full understanding of the project(s) background and scope of services. Ascensions Parish is seeking a pool of firms able to provide professional services, including engineering and surveying, for projects throughout the Parish. QES is confident that our team, comprised of Neel-Schaffer and Elos Environmental, can provide all labor, materials, vehicles, and equipment necessary to complete all engineering and surveying services needed by the Parish.

Consultant's firm size as related to the estimated project size

Our team at QES has the capability and experience to perform all surveying tasks required for this project. With civil engineers, surveyors, and program managers that understand Ascension Parish, we have the adequate staff to complete any project within the time line and budgets set forth by Ascension Parish. QES has been in business for more than eight years and during this tenure, we have grown from a one-man operation to a 33-person firm. Collectively, our professional staff and employees have over 300 years' experience in surveying projects similar in nature. Our philosophy is to employ personnel based upon our current and future workload. We spend the appropriate time when hiring each employee to ensure that we have the perfect collaboration of experience and expertise. Therefore, we have grown into the types of projects that we engage.

Not only does QES have experience with completing projects on budget as a whole, but various members of our team have outside experience with completing projects on budgets and working with clients to ensure the project is completed within its financial and time constraints.

Consultant's current work load

As shown in our project experience, the majority of our projects are over 50% complete, and various others are currently in construction phase. QES has added eight additional valued members to our team in the past year to ensure the firm can manage a desired increased workload. In addition to the two principals of our firm, more than twenty team members will be assigned to this project in support of their professional Location where the work will be performed expertise. The professional staff includes three professional engineers, two professional land surveyors, one professional landscape architect, and three certified floodplain managers. All of our professional staff have the capability to meet the demands of any project, and are supported by numerous technicians and administrative assistants.

Consultant's Familiarity with Project Location

QES is located in Port Vincent, Louisiana. Not only is the firm in close proximity to the project location, QES is currently working on several other projects in Ascension Parish. The QES offices are located 11 miles from Gonzales. As previously stated, QES has worked on projects all throughout Louisiana and 1/3 of our employees are currently domiciled in Ascension Parish and have knowledge of the area.

Past Performance

Listed below are references familiar with QES past performance on projects. As previously stated, our prior experience with numerous parishes has been indicative to our capacity and our abilities to provide professional services. We have a consistent record of quality projects that allow us to maintain good working relations along with repeat business from parishes and local municipalities in Louisiana.

Special conditions specified in RFQ

QES has current Hudson Initiative status from Louisiana Economic Development, as well as Small and Emerging Business Development Program status. Both Certificates are attached to this Statement of Qualifications.

References

At QES, we strongly believe in maintaining relationships with governmental agencies and our clients. Our projects are represented by clientele who have a mutual respect for our services. Please feel free to contact any of our major governmental agencies and our private clients, which include those listed below regarding our past performance.

Ken Dugas
Plaquemines Parish Government
106 Avenue G
Belle Chasse, LA 70037
(504) 297-5000
Planning, Civil Design, Surveying,
H&H Studies

Wesley Kinnebrew
Livingston Parish Gravity
Drainage District No. 1
8114 Flordia Blvd
Denham Spring, LA 70726
(225) 664-5827
Surveying, H&H Studies, Civil

Jerri Daniels, CFM
Dewberry
1615 Poydras St, Ste 1295
New Orleans, LA 70112
(504) 872-3766
Surveying (LADOTD)



LIVINGSTON PARISH GRAVITY DRAINAGE DISTRICT 1

June 21, 2017

To whom it may concern:

Livingston Parish Gravity Drainage District No. 1 has awarded Quality Engineering & Surveying, LLC many different projects in the past few years. In regards to topographic surveys, boundary surveys, and engineering design, QES has performed beyond expectations. LPGDD1 hired QES to evaluate the existing Gray's Creek drainage systems' capacity and conditions in order to develop a cost-effective improvement plan for the Gray's Creek Watershed. QES surveyed the Gray's Creek Watershed, which spans 29.22 square miles with the main channel measuring 18.67 miles long. They performed the tasks quickly and provided updates and data on a bi-monthly basis. They also provided an H&H Study and model, which we now use to monitor improvement impacts.

Mr. Deric Murphy, the principal engineer at QES, has been a responsive and knowledgeable asset to the LPGDD1. His company has provided exceptional services in surveying and engineering with a reasonable associated cost.

The LPGDD1 would highly recommend Mr. Murphy and Quality Engineering's services to anyone seeking professional services.

Sincerely,



Felicia Terral

Livingston Parish Gravity Drainage District No. 1



8114 Florida Blvd
Denham Springs, LA
70726-7865

PHONE	(225) 664-5827
FAX	(225) 791-3831
E-MAIL	lp added1@cox.net

CERTIFICATION STATEMENT

The undersigned hereby acknowledges she/he has read and understands all requirements and specifications of the Request for Qualifications (RFQ), including exhibits.

OFFICIAL CONTACT. The Parish requests that the Proposer designate one person to receive all documents and the method in which the documents are best delivered. Identify the Contact name and fill in the information below: (Print Clearly)

Date 06/19/2017 Official Contact Name: Deric J. Murphy, PE, LSI

A. E-mail Address: dmurphy@qesla.com

B. Facsimile Number with area code: (225) 698-3367

C. US Mail Address: 18320 Hwy 42, Port Vincent, LA 70726

Proposer certifies that the above information is true and grants permission to the Parish or Agencies to contact the above named person or otherwise verify the information provided.

By its submission of this proposal and authorized signature below, Proposer certifies that:

1. The information contained in its response to this RFQ is accurate;
2. Proposer complies with each of the mandatory requirements listed in the RFQ and will meet or exceed the functional and technical requirements specified therein;
3. Proposer accepts the procedures, evaluation criteria, mandatory contract terms and conditions, and all other administrative requirements set forth in this RFQ.
4. Proposer's quote is valid for at least *90* days from the date of proposal's signature below;
5. Proposer understands that if selected as the successful Proposer, he/she will have 30 business days from the date of delivery of final contract in which to complete contract negotiations, if any, and execute the final contract document.

Authorized Signature: 


Typed or Printed Name: Deric J. Murphy, PE, LSI

Title: President

Company Name: Quality Engineering & Surveying, LLC

Address: 18320 Hwy 42

City: Port Vincent State: LA Zip: 70726

 6/19/2017
SIGNATURE of Proposer's Authorized Representative DATE



DIVISION OF SMALL BUSINESS SERVICES

This certification acknowledges that

Quality Engineering Surveying, LLC

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

This certification is valid from 6/20/2016 to 6/20/2017 .

Certification No. 11389

A handwritten signature in black ink, reading "John W. Matthews, Jr.", written over a horizontal line.

John W. Matthews, Jr.,
Executive Director, Entrepreneurial Services



Division of Small and Emerging Business Development

SEBD CERTIFICATION

Quality Engineering Surveying, LLC

is hereby certified as a Small and Emerging Business Enterprise.

This certification is valid beginning 6/24/2014 and supersedes any registration or listing previously issued. At any time there is a change in ownership or control of the firm, notification must be made immediately to the Division of Small and Emerging Business Development.

Issued at Baton Rouge, Louisiana 6/24/2014

This certification expires on: 6/24/2024

Certification No. 11389

A handwritten signature in black ink, reading "John W. Matthews, Jr.", written over a horizontal line.

John W. Matthews, Jr.,
Executive Director, Entrepreneurial Services



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

Lookup Detail View

Contact

Name	Public Address
Mr. William Hiram Purser	18350 Highway 42 Port Vincent, LA 70726

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)	Supervisee(s)
PE.0029357	Active	01/23/2001	09/30/2018		

Registration Information

Registration	Registration Date
Civil Engineer	01/23/2001

Generated on: 6/23/2017 8:27:08 AM



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

Lookup Detail View

Contact

Name	Public Address
Mr. Daniel Joseph Poche'	18320 Louisiana Highway 42 Port Vincent, LA 70726

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)	Supervisee(s)
PLS.0005066	Active	06/01/2011	09/30/2017		Quality Engineering & Surveying, LLC # VF.0000645 - ACTIVE

Generated on: 6/6/2017 3:01:51 PM



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

Lookup Detail View

Contact

Name	Public Address
Mr. Deric James Murphy	16245 Highway 16 French Settlement, LA 70733

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)	Supervisee(s)
PE.0029602	Active	07/03/2001	09/30/2017		Expert Maintenance & Construction Services, LLC # EF.0004689 - ACTIVE Quality Engineering & Surveying, LLC # EF.0004011 - ACTIVE

Registration Information

Registration	Registration Date
Civil Engineer	07/03/2001

Generated on: 6/23/2017 8:28:34 AM



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

Lookup Detail View

Contact

Name	Public Address
Mr. Jamie Michael Bordelon	18350 Highway 42 Port Vincent, LA 70726

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)	Supervisee(s)
PLS.0004977	Active	12/05/2007	03/31/2018		Quality Engineering & Surveying, LLC # VF.0000645 - ACTIVE

Generated on: 6/6/2017 3:00:09 PM



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

Lookup Detail View

Contact

Name	Public Address
Mr. Jeffrey Joseph Loup	18320 Highway 42 Port Vincent, LA 70817

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)	Supervisee(s)
PE.0031277	Active	06/15/2004	03/31/2019		

Registration Information

Registration	Registration Date
Civil Engineer	06/15/2004

Generated on: 6/23/2017 8:28:05 AM

STANDARD FORM: APG-1001

Professional Engineering and Related Services

(Rev. 10/2008)

1. Project title/location

**Professional Engineering and Design Services – Move
Ascension**

2. Project number

ENG-17-100

3a Firm (as registered with the Louisiana Secretary of State)
and mailing address of the office to perform work



**10000 Perkins Rowe, Suite G360
Baton Rouge, LA 70810**

3b. Name, title, telephone number, and e-mail address of the
official with **signing authority** for this contract

**Jerry Trumps
(337) 232-6111**

Jerry.trumps@neel-schaffer.com

3c. Name, Title, and telephone number of full-time LA
licensed engineer in charge (not required for non-
engineering projects)

**Nick Ferlito, V.P., P.E., PTOE
(225) 924-0235**

3d. I certify that the following information is accurate and complete to the best of my knowledge (must be same person as 3b):

Signature: _____

Date: June 8, 2017

4. Full-time personnel on firm's payroll in all Louisiana offices, domiciled in Louisiana:

- | | |
|---|-------------------|
| a. Civil Engineers, with current Louisiana P.E. registration | <u>17</u> |
| b. Environmental Engineers, with current Louisiana P.E. registration (not included in 4a) | <u> </u> |
| c. Land Surveyors, with current P.L.S. registration | <u> </u> |
| d. Engineers in Training with current Louisiana E.I. Registration | <u>5</u> |
| e. Designer / Draftsman | <u>3</u> |
| f. Survey Party Chiefs | <u> </u> |
| g. RealEstate Professionals (Agents and Certified Appraisers) | <u> </u> |
| h. Other personnel not included in above categories | <u>12</u> |
| Total personnel domiciled in Louisiana (sum of a – g) | <u>37</u> |

5. Full-time personnel on firm's payroll, not domiciled in Louisiana, to be used on this project:

- | | |
|--|-------------------|
| a. Civil Engineers, with current Louisiana P.E. registration | <u> </u> |
| b. Environmental Engineers with current Louisiana P.E. registration (not included in 5a) | <u> </u> |
| c. Land Surveyors, with current P.L.S. registration | <u> </u> |
| d. Engineers in Training with current Louisiana E.I. Registration | <u> </u> |
| e. Designer / Draftsman | <u> </u> |
| f. Survey Party Chiefs | <u> </u> |
| g. Real Estate Professionals (Agents and Certified Appraisers) | <u> </u> |
| g. Other personnel not included in above categories | <u> </u> |
| Total personnel not domiciled in Louisiana (sum of a – g) | <u> </u> |

6. Do you have sufficient staff to perform these services in the designated time frame? **Yes**

7. Identify the the element of work (as defined in the advertisement), and the % of the element to be performed by the firm. Also, identify % of work for the overall project to be performed by the firm. (Must be at least 50%)

Neel-Schaffer, Inc. to perform 100% of traffic engineering studies and traffic signal plan design.

8. Do you intend to use a sub-consultant(s)? ____ yes X no

(For use by the Prime Consultant only)

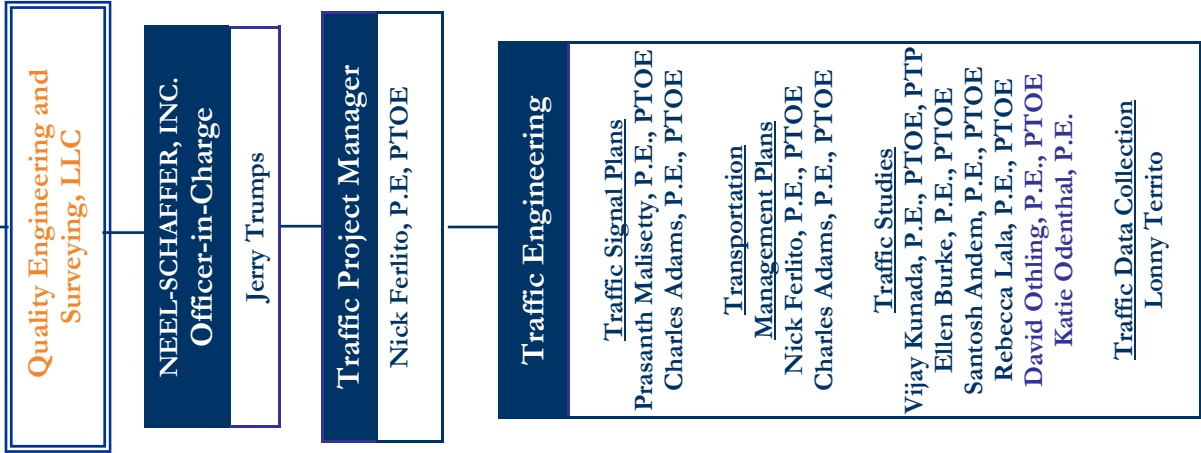
All subconsultants/associates listed for this project must attach a signed Form APG-1001

Name and address	Identify the the element of work (as defined in the advertisement), and the % of the element to be performed by the sub-consultant Also, identify the % of work for the overall project to be performed by the sub-consultant.	Worked with prime before? (Yes/No)


9. Staffing Plan – A Diagram listing all personnel specifically assigned to each phase of the project, their duties, and immediate supervisors. The Staffing Plan should also include the same information for Sub-consultants (if applicable).

PROJECT NUMBER: ENG-17-100


*Professional Engineering and Design
Related Services—Move Ascension*



10. Brief résumé of key persons anticipated to work on this project

a. Name, title & domicile Jerry Trumps, Sr. Vice President, Lafayette, Louisiana	b. Project assignment Officer-in-Charge
c. Name of firm by which employed full time 	d. Years experience: With this firm: 18 With other firms: 19
e. Education: Degree(s) / Years / Specialization B.S.B.A./1976/ University of Southwestern Louisiana	f. Active registration: NA Year first registered: ____ Branch: ____ LA License No. ____
g. Experience and qualifications relevant to the proposed project Mr. Trumps is responsible for directing the SW Region of Neel-Schaffer which includes offices in Baton Rouge, Lafayette, Mandeville, New Orleans, Shreveport and Houston. He has 35 years of extensive experience in transportation, roadway and other public works projects. Mr. Trumps formerly served as the Director of Public Works for the City of Lafayette, Louisiana (1980-1992). He has served as officer-in-charge and/or project manager of a number of roadway design, traffic engineering (including DOTD traffic engineering retainer contracts since 2002), public involvement and public participation projects performed by the firm for LADOTD, Lafayette Consolidated Government and others throughout LA. He has served as Principal Officer in Charge of numerous task orders under S.P. No. 4400001583, Retainer Contract for Safety Studies, S.P. No. 700-99-0332, Traffic Signal Design and Traffic Engineering Services, Statewide and S.P. No. 700-99-0447, Retainer Contract for Traffic Signal Study and Design – Statewide, and S.P. No. 700-99-0546, Retainer Contract for Signal Timing Studies – Districts 61, 62 & 02 and S.P. No. 700-99-0542, Retainer Contract for Signal Timing Studies - Statewide.	
<p>RELEVANT PROJECT EXPERIENCE:</p> <ul style="list-style-type: none"> I-49 South Corridor/Traffic Studies (SPN 700-92-0011/FAP No. HP-9201(501). Officer-in-charge for the development of traffic studies in conjunction with EIS corridor studies related to the I-49 South (Raceland, LA to Westwego, LA). (2/2003-9/2006) Lafayette Parish I-10 Frontage Roads Study (LCG No. 590-07-012/ SPN 736-28-0042/ FAP No. STP-2805(501). Officer-in-Charge and Project Manager for a traffic and line & grade study of I-10 for a 10 mile corridor from LA 93 to Louisiana Avenue in Lafayette, LA to develop viable conceptual alternatives for frontage roads parallel to and/or adjacent to the I-10 corridor, including the evaluation of modifying existing frontage roads and interchanges and the feasibility of one way/two way frontage roads within the study area. (10/2007 – 12/2009) I-10 at Grand Prairie Hwy Interchange Study, Rayne, LA (S.P. No. H.003763) – Traffic Study and IJR, Local Official and Agency Coordination (March, 2013 – Present) Officer-in-Charge US 167, Lafayette, LA – Stage 0 / Safety Study (S.P. No. 4400001583, T.O. No. H.009997, (August 2012 – June 2014) Officer in Charge. I-49 Interim Improvements (Berwick/Patterson Area), (S.P. No. 700-92-0024, May 2010 to July 2012) – (Traffic Study - Officer-in-Charge) Louisiana Department of Transportation and Development (SPN 700-99-0447) Traffic Signal Design and Traffic Engineering Services, Statewide. Officer-in-Charge (02/2009 – Present) St. Martinville Bypass Environmental Assessment (SPN 700-50-0112). Officer-in-Charge and project management for Stage 1 services relating to the development of seven mile bypass and relocation of LA 31 in St. Martinville, LA. (05/2007-02/ 2009) (03/2015 – present) LA 49, Kenner, LA – Stage 0 / Safety Study (S.P. No. 4400001583, T.O. No. H.010570, (May 2013 – Present) Project Manager. LA 447, Walker, LA – Operational / Safety Study (S.P. No. 4400000651, T.O. No. H.005734, (January 2011 – January 2014) Project Manager. LA 1088, Mandeville, LA – Operational / Safety Study (S.P. No. 4400002630, T.O. No. H.010116, (November 2012 – April 2014) Project Manager. LA 311, Houma, LA – Operational / Safety Study (S.P. No. 4400002630, T.O. No. H.005043.2, (March 2013 – September 2014) 	

10. Brief résumé of key persons anticipated to work on this project

a. Name, title & domicile Nick Ferlito, Jr., P.E., P.T.O.E., Vice President Baton Rouge, Louisiana	b. Project assignment Traffic Engineering Task Leader, TMP Plans
c. Name of firm by which employed full time 	d. Years experience: With this firm: <u>21</u> With other firms: <u>2</u>
e. Education: Degree(s) / Years / Specialization B.S./1993/Civil Engineering, MS/1996/Civil Engineering	f. Active registration: LA Year first registered: <u>1993</u> Branch: <u>Civil</u> LA License No. <u>28001</u>
g. Other experience and qualifications relevant to the proposed project: Mr. Ferlito joined Neel-Schaffer, Inc. in 1996. He is a traffic/transportation engineer who manages a range of traffic and transportation projects. Mr. Ferlito serves as a project manager for Stage 0 studies, local and regional traffic impact studies, intersection studies, corridor studies, signal timing studies, warrants analysis, traffic signal inventories, signal design projects and other traffic engineering related projects for both public and private projects. Mr. Ferlito is experienced with numerous traffic engineering software packages include HCS, CORSIM, SYNCHRO, Tru-Traffic (TSPPDraft), and SIDRA. Mr. Ferlito has serve as a project manager for numerous task orders under S.P. No. H.4400002630, Traffic Engineering Retainer Contract, S.P. No. 700-99-0332, Traffic Signal Design and Traffic Engineering Services, Statewide and S.P. No. 700-99-0447, Retainer Contract for Traffic Signal Study and Design – Statewide, and S.P. No. 700-99-0546, Retainer Contract for Signal Timing Studies – Districts 61, 62 & 02, S.P. No. 700-99-0542, Retainer Contract for Signal Timing Studies – Statewide, S.P. No. 4400001583, Retainer Contract for Safety Studies – Statewide and S.P. No. 4400002630, Retainer Contract for Traffic Engineering - Statewide. Mr. Ferlito meets minimum personnel requirement 3c of one Professional Traffic Operations Engineer (PTOE) registered in the State of Louisiana, with at least five years of traffic analysis experience with signal warrants, roundabout design, and signal timing and traffic signal design and a corresponding support staff. Mr. Ferlito has served or is serving as the project manager for the following: LA 447 Corridor Study; includes 10 roundabouts. (Walker, LA), (S.P. No. 4400000651, T.O. No. H.005734, January 2011 – January 2014 –Project Manager) LA 3002/LA 16/LA 1034/US 190 Corridor Study, Denham Springs, LA; includes multiple roundabouts. (S.P. No. 4400002630, T.O. No. H.010672, June 2013 – Feb. 2017) Project Manager. US 51 (I-55 to University) Corridor Study, Hammond, LA; includes multiple roundabouts. (S.P. No. 4400004064, T.O. H.011401, February 2015 –Dec. 2017) Project Manager LA 1088 Study, Mandeville, LA; considering alternatives, includes 16 roundabout geometry intersections. (S.P. No. 4400002630, T.O. No. H.010116.1, November 2012 – April 2014) Project Manager. US 190 Traffic Study (Collins Blvd.), Covington, LA; considering alternatives, includes 10 roundabout geometry intersections. (S.P. No. 4400002630, T.O. No. H.004987.5, March 2013 – April 2014) Project Manager. LA 16 Traffic Study, Denham Springs, LA; considering alternatives, includes 6 roundabout geometry intersections. (S.P. No. 4400002630, T.O. No. H.010030.1, August 2012 – April 2013) Project Manager. US 190 (LA 433 to US 11), Interim Capacity/Widening Improvements, St. Tammany Parish, Stage 0 Feasibility Study; includes 8 roundabout geometry intersections; RPC Project LA 433 (January 2013 –June 2014) Traffic Engineering Task Manager US 61 Signal Timing Study, New Orleans, LA (S.P. No. 4400000691, T.O. No. H.005760, April 2012 – Present) Project Manager. US 11, Slidell, LA Signal Timing Study (S.P. No. 4400000691, T.O. No. H.005757.5, September 2011 – Present) Project Manager. LA 3040/LA 57/LA 20, Houma/Thibodaux, LA - Signal Timing Study (S.P. No. 4400000691, T.O. No. H.005750, January 2011 – January 2013) Project Manager. LA 1208-3 Signal Timing Study, Alexandria, LA (S.P. No. 700-99-0447, T.O. No. H.005746, January 2011 - November 2011) LA 24 Signal Upgrades, Signal Timing and Design, Houma, LA (S.P. No. 700-99-0447, T.O. No. 701-65-1279, July 2009 – September 2011) Project Manager. East Baton Rouge Computerized Traffic Signalization – Phases 4 & 5, Baton Rouge, LA (S.P. No. 700-17-0172, July 2001 – Present) Project Manager. Registered Professional Traffic Operations Engineer (PTOE) #930	



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

Lookup Detail View
Contact

Name	Public Address
Mr. Nick Joseph Ferlito Jr.	2512 Tiger Crossing Drive Baton Rouge, LA 70810

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)	Supervisee(s)
PE.0028001	Active	07/07/1998	09/30/2017		Neel-Schaffer, Inc. # EF.0001372 - ACTIVE

Registration Information

Registration	Registration Date
Civil Engineer	07/07/1998

Generated on: 1/20/2016 10:45:05 AM

Transportation Professional Certification Board Inc.

certifies that

Nick J. Ferlito, Jr.

*has met all of the requirements established by the Certification Board
to use the title of*

PROFESSIONAL TRAFFIC OPERATIONS ENGINEER

*Unless withdrawn by the Certification Board, this certificate number 930
issued in Washington, D.C. is subject to the provisions for renewal*

April 23, 2002

Steven D. Hofener
Chair



James W. Schuler
Executive Director

Transportation Professional Certification Board Inc.

1627 Eye Street, NW • Suite 600 • Washington, DC 20006 USA • Tel: 202-785-0060 • Fax: 202-785-0609 • www.tpcb.org



Nick J. Ferlito, Jr.
Neel-Schaffer, Inc.
10000 Perkins Rowe, Suite G360
Baton Rouge, LA 70810 USA

The Transportation Professional Certification Board (TPCB, Inc) is pleased to inform you that your PTOE certification has been renewed through 4/23/2020.

You will not be receiving a new certificate as the one sent to you does not indicate an expiration date and can be displayed as long as you are a certified PTOE. Note that your certificate shows your original certification date.

During your three-year certification period, please be aware of the following requirements that will assist in your certification maintenance and future renewal:

- maintain at least one valid governmentally issued professional engineering license;
- demonstrate attainment of 45 of professional development hours, as required per the attached document.

At the March 2016 meeting, the TPCB unanimously voted to apply penalty fees for those who do not renew their certification within the 3-month grace period and after a certified inactive letter is mailed. Visit our website for more information. <http://www.tpcb.org/ptp/feeschedule.asp> Prior to the expiration of your PTOE, you will be notified of your renewal deadline. Additional examinations are not required if you renew within **three-months** of your expiration date 4/23/2020.

From time to time, TPCB will distribute a newsletter. If you would like to contribute to the newsletter, please send any items of interest to: certification@tpcb.org.


Thank you for your continued PTOE certification and best wishes in the coming years.

Sincerely,

Michael K. Park, P.E., PTOE
Chair, Transportation Professional Certification Board Inc.

Attachments

10. Brief résumé of key persons anticipated to work on this project

a. Name, title & domicile Prasanth Malisetty, P.E., PTOE, Project Manager, Baton Rouge, Louisiana	b. Project assignment Traffic Engineer / Manger
c. Name of firm by which employed full time 	d. Years experience: With this firm: <u>7.5</u> With other firms: <u>5</u>
e. Education: Degree(s) / Years / Specialization B.S./2003/Civil Engineering, MS/2004/Civil Engineering	f. Active registration: LA, GA Year first registered: <u>2009</u> Branch: <u>Civil</u> LA <u>35792</u> ;

g. Other experience and qualifications relevant to the proposed project:

Mr. Malisetty joined Neel-Schaffer, Inc. in May, 2009. Before joining Neel-Schaffer, Mr. Malisetty worked as a Traffic Engineer for URS of Atlanta, Georgia. He worked on a variety of projects involving Traffic Engineering Studies, Signal Timing and Coordination, Traffic Impact Studies, Corridor Studies, Air Quality and Noise Studies, Railroad Safety Studies. He is proficient in Traffic Engineering software such as HCS+, Synchro, Tru-Traffic, SIDRA, SimTraffic, CORSIM, VISSIM and in travel demand modeling software such as Cube and TransCAD. He also attended Highway Safety Manual (HSM) Workshop, Roundabout Design Workshop, Air Quality Impacts Workshop, Synchro Training and PTV VISSIM Training. **Mr. Malisetty meets minimum personnel requirement 3c of one Professional Traffic Operations Engineer (PTOE) registered in the State of Louisiana, with at least five years of traffic analysis experience with signal warrants, roundabout design, and signal timing and traffic signal design.**

Mr. Malisetty has served as a project engineer for numerous task orders under S.P. No. 700-99-0447, Retainer Contract for Traffic Signal Study and Design – Statewide, and S.P. No. 700-99-0546, Retainer Contract for Signal Timing Studies – Districts 61, 62 & 02 and S.P. No. 700-99-0542, Retainer Contract for Signal Timing Studies - Statewide. Mr. Malisetty was responsible for the traffic data collection tasks like vehicle counts, queues, corridor travel patterns, travel time runs, sight distance evaluations and traffic signal inventories for the following projects:

- US 190 Superstreet Study, Covington, LA (S.P. No. 700-99-0447, T.O. No. 701-65-1533) – Alternatives Analysis of Superstreet Concepts (September 2010 – February 2012).
- Signal Timing Studies (S.P. No. 4400000691) - US 11, Slidell, LA (T.O. No. H.005757.5); LA 44, Gonzales, LA (T.O. No. H.005759.1); US 61, Jefferson Parish (T.O. No. H.005760); LA 19, East Baton Rouge Parish, LA (T.O. No. H.010699.1); US 425, Concordia Parish, LA (T.O. No. H.010700.1) (September 2011 – September 2014).
- LA 3040/LA 57/LA 20, Houma/Thibodaux, LA (S.P. No. 4400000691, T.O. No. H.005750) - Signal Timing Study (January 2011 – April 2012).
- LA 447 Corridor Study, Walker, LA (S.P. No. 700-99-0447, T.O. No. H.005734) – Alternatives analysis using VISSIM modeling to improve safety and mobility (January 2011 – April 2012).
- LA 24 Signal Upgrades, Houma, LA (S.P. No. 700-99-0447, T.O. No. 701-65-1279) – Signal Timing and Design (July 2009 – September 2011) (Project Engineer)
- US 71 / LA 28 Signal Timing and Design, Alexandria, LA (S.P. No. 70-99-0447, T.O. No. 701-65-1446) (August 2010 – May 2011) (Project Engineer)
- LA 1208-3 Signal Timing Study, Alexandria, LA (S.P. No. 700-99-0447, T.O. No. H.005746) (January 2011 - November 2011) (Project Engineer)
- LA 16 – I-12 Interchange, Livingston Parish, LA (S.P. No. 4400000673, T.O. No. H.002397.1, June 2011 – August 2012)
- LA 447 Corridor Study, Walker, LA (S.P. No. 4400000651, T.O. No. H.005734, January 2011 – November 2012)
- I-10 Detour Modeling Project, Baton Rouge, LA (S.P. No. 70-99-0447, T.O. No. 701-65-1301, July 2009 – April 2010)
- Houma Signal Study and Timing (LA 24), Houma, LA (S.P. No. 70-99-0447, T.O. No. 701-65-1279, July 2009 – September 2011)
- GDOT Metro Signal Timing Study, Atlanta, GA (PN: Unknown; January 2008 – May 2009)

Registered Professional Traffic Operations Engineer (PTOE) #3073



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

Lookup Detail View

Contact

Name	Public Address
Mr. Prasanth Malisetty	10000 Perkins Rowe, Suite G360 Baton Rouge, LA 70810

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)	Supervisee(s)
PE.0035792	Active	09/28/2010	03/31/2019		

Registration Information

Registration	Registration Date
Civil Engineer	09/28/2010

Generated on: 6/13/2017 9:45:03 AM

Transportation Professional Certification Board Inc.

1627 Eye Street, NW • Suite 600 • Washington, DC 20006 USA • Tel: 202-785-0060 • Fax: 202-785-0609 • www.tpcb.org



June 25, 2014

Prasanth Malisetty
Neel-Schaffer, Inc.
16811 Sunset Point Ct
Baton Rouge, LA 70816 USA

The Transportation Professional Certification Board (TPCB, Inc) is pleased to inform you that your PTOE certification has been renewed through 7/20/2017.

You will not be receiving a new certificate as the one sent to you three years ago does not indicate an expiration date and can be displayed as long as you are a certified PTOE. Note that your certificate shows your original certification date.

During your three-year certification period, please be aware of the following requirements that will assist in your certification maintenance and future renewal:

- maintain at least one valid governmentally issued professional engineering license;
- demonstrate attainment of 45 of professional development hours, as required per the attached document.

Prior to the expiration of your PTOE, you will be notified of your renewal deadline. Additional examinations are not required if you renew within **three-months** of your expiration date 7/20/2017.

From time to time, TPCB will distribute a newsletter. If you would like to contribute to the newsletter, please send any items of interest to: certification@tpcb.org.


Thank you for your continued PTOE certification and best wishes in the coming years.

Sincerely,

Timothy P. Harpst, P.E., PTOE
Chair, Transportation Professional Certification Board Inc.

Attachments

10. Brief résumé of key persons anticipated to work on this project

a. Name, title & domicile Charles Adams, P.E., PTOE, Senior Project Manager - New Orleans, Louisiana	b. Project assignment Traffic Engineering Services as shown in Item 9 Org Chart
c. Name of firm by which employed full time 	d. Years experience: With this firm: <u>10.5</u> With other firms: <u>13.5</u>
e. Education: Degree(s) / Years / Specialization B.S./1992/Civil Engineering	f. Active registration: Year first registered: <u>1997</u> Branch: <u>LA</u> LA License No. <u>27440</u>
g. Experience and qualifications <u>relevant to the proposed project</u> <p>Mr. Adams has 24 years' experience in the area of Traffic Operations, Traffic Safety, Traffic Signal Design, ITS and Transportation Engineering. He manages a wide range of local and regional projects that vary in complexity from developing construction sequences and temporary traffic control plans for major construction projects and traffic signal design plans to performing safety studies and traffic impact studies for schools and hospitals. Prior to joining Neel-Schaffer, Inc. Mr. Adams was employed by the Louisiana Department of Transportation and Development (LA DOTD) where he served as the State Traffic Engineer. Mr. Adams has extensive experience with managing and developing plans for traffic signals and temporary traffic controls as well as performing corridor analyses and Stage 0 Traffic Studies. Mr. Adams also had the responsibility of managing the Department's Statewide Traffic Retainer Contracts for Signals and Signs. Mr. Adams has also been an active technical member of the National Committee on Uniform Traffic Control Devices (NCUTCD) for the past 15 years. Mr. Adams meets minimum personnel requirement 3c of one Professional Traffic Operations Engineer (PTOE) registered in the State of Louisiana, with at least five years of traffic analysis experience with signal warrants, roundabout design, and signal timing and traffic signal design.</p> <p>RELEVANT PROJECT EXPERIENCE:</p> <ul style="list-style-type: none"> I-20 Stage 0 Traffic Study, Bossier City, LA (SP #700-08-0134) Aug 2008 – Dec 2009 Roughedge Road Stage 0 Interchange Justification Traffic Study and Interchange Signage, Ruston, LA (Project No. – N/A) Nov 2008 – Jun 2009 Choudrant I-20 Service Road Stage 0 Traffic Study, Choudrant, LA (SP#700-31-0121) Oct 2009 – Apr 2010 LA 526 and LA 3 Signal Timing Study, Shreveport/Bossier City, LA (SP #700-99-0542) Dec 2010 – Nov 2012 LA 523 at the Esplanade Dev. Intersection Improvements, Shreveport, LA (Project No. – N/A) Jan 2011 – Mar 2011 I-10 French Branch Bridge-W. Pearl River Bridge Temp. Traffic Control Plans, Slidell, LA (SP#450-18-0108) Feb 2011 – Dec 2014 Traffic Street Corridor Analysis and Signal Design, Bossier City, LA (Project No. – N/A) Aug 2011 – Dec 2011 Haughton Middle School traffic study, Haughton, LA (Project No.- N/A) Aug 2012- Aug 2013 US 79 at Traffic St and at Bass Pro Dr. Signal Design, Bossier City, LA (Project No.-N/A) Feb 2012 – Apr 2012 LA 33 Roundabout Study, Ruston, LA (Project No. – N/A) Apr 2012 – July 2012 Kingston Elementary School Traffic Study, Bossier, LA (Project No. N/A) Jan 2013-Jul 2013 Red River Bridge at Jimmy Davis EA, Bossier City, LA (SP# H.001779) May 2013 – June 2014 US 71 Corridor Study, Bossier City, LA (SP# H.010605) Jul 2013 – Present New Many Elementary School Traffic Study, Many, LA (Project No. N/A) Dec 2013 - Mar 2014 US 165 Pedestrian Crossing Stage 0, Ouachita Parish, LA (SP #H.011440) Sept 2014 – March 2015 UMC – Way Finding Signage, New Orleans, LA (Project No. – N/A) Oct 2015 - Nov 2015 Ascension Classical School Traffic Study, Shreveport, LA (Project No. N/A) Dec 2015 – March 2016 Benton High School Traffic Study, Benton, LA (Project No. N/A) Jan 2016 – Feb 2017 Allen Genoa Sequence of Construction/TCP, City of Houston, TX (N-321038-0013-3) Mar 2016-Nov 2016 Space Center Blvd. Sequence of Construction/TCP, City of Houston, TX (N-321038-0013-3) Mar 2016-Dec 2016 LA 33 and I-20 Interchange Modification Study, Ruston, LA (Project No.-N/A) Apr 2016 – Present Wilson Road Sequence of Construction/TCP, Harris County, TX (Project #1703020028) Oct 2016-Present LA 611-9 (Metairie Road) Iron Rooster Traffic Impact Study, Metairie, LA (Project No.-N/A) Dec 2016-Present Traffic Control Plans for new Entergy Transmission Line, Terreboone to Amelia, LA (Project No.-N/A) Dec 2016 – Present LA 594 Traffic Study for new Manufacturing plant, Monroe, LA (Project No.-N/A) March 2017 - Present LA 616 Stage 0 Traffic Study and Corridor Analysis, West Monroe, LA (SP#324-02-0008) August 2010 – April 2011 Kentucky Avenue, Goodwin Road, and Reynolds Drive Corridor and Intersection Analyses, Ruston, LA March 2011 – September 2011 – Proj. No. – N/A US 165 (Masonic Drive) at Memorial Drive Signal Design, Alexandria, LA February 2011 – July 2011 Proj. No. – N/A Swan Lake Road at Shed Road and Viking Drive Signal Design, Bossier City, LA June 2009 – to present – Proj.No.-N/A US 71 at Golden Meadows Signal Design, Bossier City, LA July 2009 – September 2009 – Proj. No. – N/A <p>Professional Traffic Operations Engineer (PTOE) #878, Institute of Transportation Engineers (ITE) - Member</p>	



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

Lookup Detail View

Contact

Name	Public Address
Mr. Charles William Adams III	5208 Green Acres Court Metairie, LA 70003

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)	Supervisee(s)
PE.0027440	Active	07/08/1997	09/30/2017		

Registration Information

Registration	Registration Date
Civil Engineer	07/08/1997

Generated on: 1/20/2016 10:47:08 AM

Transportation Professional Certification Board Inc.

certifies that

Charles William Adams, III

*has met all of the requirements established by the Certification Board
to use the title of*

PROFESSIONAL TRAFFIC OPERATIONS ENGINEER

*Unless withdrawn by the Certification Board, this certificate number 878
issued in Washington, D.C. is subject to the provisions for renewal*

January 29, 2009

Steven D. Hofener
Chair



James W. Spiller
Executive Director

Transportation Professional Certification Board Inc.

1627 Eye Street, NW • Suite 600 • Washington, DC 20006 USA • Tel: 202-785-0060 • Fax: 202-785-0609 • www.tpcb.org



February 2, 2015

Charles William Adams, III
Neel-Schaffer, Inc.
6425 Youree Drive, Suite 210
Shreveport, LA 71105 USA

The Transportation Professional Certification Board (TPCB, Inc) is pleased to inform you that your PTOE certification has been renewed through 1/29/2018.

You will not be receiving a new certificate as the one sent to you does not indicate an expiration date and can be displayed as long as you are a certified PTOE. Note that your certificate shows your original certification date.

During your three-year certification period, please be aware of the following requirements that will assist in your certification maintenance and future renewal:

- maintain at least one valid governmentally issued professional engineering license;
- demonstrate attainment of 45 of professional development hours, as required per the attached document.

Prior to the expiration of your PTOE, you will be notified of your renewal deadline. Additional examinations are not required if you renew within **three-months** of your expiration date 1/29/2018.

From time to time, TPCB will distribute a newsletter. If you would like to contribute to the newsletter, please send any items of interest to: certification@tpcb.org.


Thank you for your continued PTOE certification and best wishes in the coming years.

Sincerely,


Kenneth W. Ackeret, P.E., PTOE
Chair, Transportation Professional Certification Board Inc.

Attachments

10. Brief résumé of key persons anticipated to work on this project

a. Name, title & domicile Vijay Kunada, P.E., PTOE, PTP, Vice President – Lafayette, LA	b. Project assignment Project Engineer, Stage 0 Studies and Traffic Studies
c. Name of firm by which employed full time 	d. Years experience: With this firm: 10 With other firms: 4.3
e. Education: Degree(s) / Years / Specialization BS/1999/Civil Engineering, MS/2001/Civil Engineering, MS/2002/Computer Science	f. Active registration: Professional Engineer Year first registered: 2006 Branch: Civil LA License No. 32145
g. Other experience and qualifications relevant to the proposed project: <p>Mr. Kunada joined Neel-Schaffer, Inc. in 2006. Mr. Kunada serves as a project manager for local and regional travel demand models, corridor analysis, traffic impact studies, traffic simulation models, demographic forecasting, GIS projects including design and development of custom databases and other traffic engineering related projects for both public and private developments.</p> <p>He is currently working on traffic signal retiming project in Lafayette, LA, Alexandria Metropolitan Transportation Plan and Vernon parish transportation plan including a Stage 0 study of US 171 corridor through Leesville, LA.</p> <p>Prior to joining the firm, he worked as a transportation engineer for the Lafayette City-Parish Consolidated Government, Traffic and Transportation Department, for more than four years. During his time with Lafayette Consolidated Government, he was responsible for developing and maintaining long range transportation plan for Lafayette MPO, corridor analysis for various projects, traffic impact studies, roundabout location study, and crash data analysis.</p> <p>He has extensive experience in traffic modeling including census data analysis, travel demand model development using TransCAD and developing scenario managers using GISDK software, demographic forecasting, region wide safety data analysis, external travel surveys, Highway Capacity Software, Synchro, TransModeler, DynaSmart-P, Trip Generation, traffic studies for Environmental Impact Statement projects, intersection studies and corridor analysis. His experience with traffic operational analysis includes freeway mainlines, ramp merge/diverge areas, weaving segments and intersection operations.</p> <p>He attended Roundabout Design Workshop (Level 2) which included roundabout analysis using SIDRA and VISSIM.</p> <p style="text-align: center;">Transportation Planning and Traffic Engineering related experience:</p> <ul style="list-style-type: none"> • LA 182 widening Stage 0 study in Lafayette, LA • Interstate 10 Frontage road feasibility study in Lafayette, LA. • New Iberia Rail Grade Separation and Railroad Safety in New Iberia, LA. • US 167 Interchange justification study in Pineville, LA. • Traffic study of proposed grade separated interchange at the intersection of US 90 @ LA 318 in St. Mary Parish, LA. • Traffic study of proposed Parish Roads along I-10 in Calcasieu Parish, LA. • Traffic Study of Proposed North-South corridor in Bossier Parish, LA. • Designed and developed a geodatabase to store Traffic Counts for use in the development of an ArcIMS website. • Baton Rouge, LA MPO travel demand model development using TransCAD. • Lafayette MPO, LA travel demand model development using TransCAD. • Houma-Thibodaux MPO, LA travel demand model development using TransCAD. • Served as a team member to study the feasibility of electronic enforcement of Red Light Running in Lafayette, LA. • Developed a traffic simulation model for Lafayette MPO, LA using both DynaSmart-P and TransModeler. • Alternative alignment analysis for I-49 Connector Project through Lafayette Parish. • I-49 connector study corridor traffic assignments and operations analysis project for preliminary design phase. • Ambassador Caffery Pkwy North traffic study in preparation of Environmental Impact Statement. • Roundabout location study. (Lafayette, LA). 	

10. Brief résumé of key persons anticipated to work on this project

a. Name, title & domicile David Othling, P.E., P.T.O.E., Project Manager, Baton Rouge, LA	b. Project assignment Traffic Engineering
c. Name of firm by which employed full time 	d. Years experience: With this firm: <u>4.5</u> With other firms: <u>21</u>
e. Education: Degree(s) / Years / Specialization B.S./1985/Virginia Military Institute/Civil Engineering	f. Active registration: Year first registered: <u>1999</u> Branch: <u>Civil</u> LA License No. <u>28565</u>


g. Other experience and qualifications relevant to the proposed project:

Mr. Othling is currently a Senior Project Manager/Engineer. He has over 20 years of experience leading, supervising, managing and performing data collection, warrants analysis, traffic analysis, signal design, simulation modeling for transportation planning and traffic operations projects. Since joining Neel-Schaffer in 2012, his Louisiana project experience relevant to the proposed contract includes the following:

- LA 16 Traffic Study (S.P. No. 4400002630, T.O. No. H.010030) (August 2012 – March 2013), Sr. Project Engineer
- LA 64 Mobility Improvements (S.P. No. H.009837.1) (December 2012 – Present), Sr. Project Engineer
- LA 1088 Corridor Study (S.P. No. 4400002630, T.O. No. H.010116.1) (November 2012 – April 2014), Sr. Project Engineer
- LA 311 Corridor Study (S.P. No. 4400002630, T.O. No. H.005043.2) (March 2013 – September 2014), Sr. Project Engineer
- U.S. 190 (Collins Blvd.) Corridor Study (S.P. No. 4400002630, T.O. No. H.004987.5) (March 2013 – April 2014), Sr. Project Engineer
- LA 42 Widening and Improvements (S.P. No. 4400002630, T.O. No. H.002370.5) (March 2013 – January 2014), Sr. Project Engineer
- Grand Prairie Highway Interchange and Frontage Road Study (H.003763) (March 2013 – Present), Sr. Project Engineer
- US 190 Inter. Capacity/Widen. Impr. (RPC Contract 433(US190) / S. P. No. H.010274) (Jan. 2013 – June 2014), Sr. Project Engineer
- LA 73 Stage 0 Traffic Study (S.P. 4400003362, T.O. No. H.011160.1) (November 2013 – Present), Sr. Project Engineer
- LA 30 Stage 0 Traffic Study (S.P. 4400001862, T.O. No. H.010572.1) (January 2014 – Present), Sr. Project Engineer
- LA 49 Stage 0 Traffic Study (S.P. 4400001583, T.O. No. H.010570) (August 2013 – Present), Sr. Project Engineer
- LA 3002/LA16 Corridor Study (S.P. 4400002630, T.O. No. H.011160.1) (November 2013 – Present), Sr. Project Engineer

Registered Professional Traffic Operations Engineer #1381

10. Brief résumé of key persons anticipated to work on this project

a. Name, title & domicile Ellen Burke, PE, PTOE, Traffic Engineer, Baton Rouge, LA	b. Project assignment Traffic Engineering, Traffic Studies
c. Name of firm by which employed full time 	d. Years experience: With this firm: <u>4.5</u> With other firms: <u>4.5</u>
e. Education: Degree(s) / Years / Specialization BS, Civil Engineering, Louisiana State University, Baton Rouge, 2009	f. Active registration: Year first registered: <u>2013</u> Branch: <u>Civil</u> LA License No. <u>038207</u>

g. Other experience and qualifications relevant to the proposed project:

Ms. Burke joined Neel-Schaffer, Inc. in January, 2014. Before joining Neel-Schaffer, Ms. Burke worked as a Traffic Engineer for LADOTD District 62. She also worked as a Traffic Engineer Intern for LADOTD's Traffic Engineering Management Section in Headquarters. She worked on a variety of projects involving Traffic Engineering Studies, Signal Timing and Coordination, and Corridor Studies. She is proficient in Traffic Engineering software such as Synchro, SIDRA, SimTraffic, and VISSIM. She also attended Highway Safety Manual (HSM) Workshop, Highway Capacity Analysis Seminar, Roundabout Design Workshop, Traffic Signal Workshop, Trafficware training and certification, Synchro Training, Access Management Location and Design Course, Alternative Intersections/Interchanges Workshop, and Crash Reconstruction for Traffic Engineers Course.

Ms. Burke has served as a traffic engineer for various projects and studies within District 62. Ms. Burke currently serves as a staff engineer for the following traffic related LADOTD projects.

Ms. Burke Serves as Staff Engineer for the following:


- **LA 30 Improvements Ashland to LA 44 (Contract No. 4400001862, T.O. No. H.010572.1) (January 2014 – December 2016)**
- **US 51 W. University Avenue to I-55 (Contract No. 4400004064, T.O. No. H.011401.1) (February 2015 – October 2016)**
- **US 51 Business I-12 to Coleman (Contract No. 4400004064, T.O. No. H.011402.1) (February 2015 – December 2016)**
- **LA 39, LA 46, & LA 47 Corridor Improvements (Contract No. 4400004829, T.O. No. H.011648.1) (September 2015 – September 2016)**
- **LA 39, LA 46, & LA 3021 Corridor Improvements (Contract No. 4400004829, T.O. No. H.011642.5) (September 2015 – November 2016)**
- **US 90 – US 61 – LA 611-9 Corridor Improvements (Contract No. 4400004829, T.O. No. H.011646.5) (September 2015 – November 2016)**
- **LA 19 Widening (LA 64 to Sunset Blvd.) (Contract No. 4400004012, T.O. No. H.011695.1) (August 2015 – October 2016)**

Relevant past project experience include:

- **LA 49 Williams Blvd (Contract No. 4400001583, T.O. No. H.010570) – Williams Blvd. Feasibility Study (December 2014)**
- **LA 73 Corridor Study (Contract No. 4400003362, T.O. No. H.011160.1) LA 73 Corridor Study (LA 74 to LA 621) Stage 0 Feasibility Study (February 2015)**
- **St. Landry Road – Edenborne Connector (Proj # DPW-10-005) (March 2014)**
- **US 190 (LA 433 to US 11) Interim Capacity/Widening Improvements (May 2014)**
- **US 190 @ Maple Ridge Way (RPC Task No. MC-9.14) (June 2014)**
- **I-110 NB Ramp (Contract No. 4400001862) – I-110 NB Ramp at Capitol Access Road (January 2014)**

Registered Professional Traffic Operations Engineer (PTOE) #3735

10. Brief résumé of key persons anticipated to work on this project

a. Name, title & domicile Rebecca B. Lala, P.E., PTOE, Traffic Engineer, Mandeville, LA	b. Project assignment Traffic Engineering
c. Name of firm by which employed full time 	d. Years experience: With this firm: <u>2.5</u> With other firms: <u>16.5</u>
e. Education: Degree(s) / Years / Specialization BS, Chemical Engineering, minors in Chemistry and Mathematics, Louisiana State University, Baton Rouge, 1999	f. Active registration: Year first registered: <u>2005</u> Branch: <u>Civil</u> LA License No. <u>31781</u>

g. Other experience and qualifications relevant to the proposed project:

Ms. Lala joined Neel-Schaffer, Inc. in October, 2014. Before joining Neel-Schaffer, Ms. Lala worked as the Traffic Engineer for St. Tammany Parish Government for 11.5 years. She also has prior experience working as an EIT2 for LADOTD's Environmental Section in Baton Rouge. Ms. Lala has been certified as a Professional Traffic Operations Engineer (PTOE) since 2008. She has worked on a variety of projects involving Traffic Engineering Studies, Safety Studies, Justification Studies, Corridor Studies and Environmental Assessments. She is proficient in traffic engineering software such as Synchro, SIDRA, SimTraffic, VISSIM, and Vistro. She also has attended several training courses pertaining to traffic and safety including Access Management Location and Design, Access Management Principles & Techniques, Road Safety Audit Training, Traffic & Transportation Engineering Seminar, Designing Streets for Pedestrians & Bicyclists, Congestion Management Seminars, Transportation Safety Summits, LPA Qualification Program classes 1-3 (Core, CE&I, & PPFAD), Roundabout Design Workshops, Traffic Impact Analysis Workshop, Crash Reconstruction for Traffic Engineers, Project Management, Synchro Training, Sidra Roundabout Analysis Workshop, Vissim Basic Training, Vissim Advanced Training, Vistro Training, TEAPAC training, and Corsim training. Environmental training has included National Environmental Policy Act (NEPA), Environmental Site Assessments, Wetlands Delineation and Plant Identification.

Ms. Lala has served as a traffic engineer and/or project manager for various projects and studies within Louisiana. Ms. Lala currently serves as a staff engineer for the following traffic related LADOTD projects.

- LA 22 (Dalwill to Rodger Storme) Corridor Study (Contract No. 4400004064, T.O. No. H.011454.1)—LA 22 Corridor Study Includes analysis of six roundabout geometry intersections. (September 2015-Present) —Project Manager
- LA 22 (Rou Mar Nei to 1st) Corridor Study (Contract No. 4400004064, T.O. No. H.011618.1)—LA 22 Corridor Study Includes analysis of proposed roundabout geometry intersections. (February 2016-Present)—Project Manager

Relevant past project experience includes:

- US 51 Business (I-12 to Coleman) Corridor Study (Contract No. 4400004064, T.O. No. H.011402.1)—US 51 Business Corridor Study. Includes analysis of three roundabout geometry intersections (February 2015-Present)—Project Manager
- US 51 (W University to I-55) Corridor Study (Contract No. 4400004064, T.O. No. H.011401.1)—US 51 Corridor Study. Includes analysis of eight roundabout geometry intersections (February 2015-Present)—Project Manager
- During employment at St. Tammany Parish Government, Ms. Lala participated as Project Manager on roundabout projects including but not limited to: LA 1077 @ LA 1085; Bootlegger Road @ Ochsner Boulevard; LA 59 @ Sharp Road; LA 59 @ Lonesome Road; and LA 59 @ Koop Drive.

Registered Professional Traffic Operations Engineer (PTOE) # 2282

10. Brief résumé of key persons anticipated to work on this project

a. Name, title & domicile Santosh Andem, P.E., PTOE, Lafayette, LA	b. Project assignment Traffic Engineering Services as shown in Item 9 Org Chart
c. Name of firm by which employed full time 	d. Years experience: With this firm: <u>5</u> With other firms: <u>4</u>
e. Education: Degree(s) / Years / Specialization B. Tech/2003/Civil Engineering M. S./2006/Civil Engineering	f. Active registration: Year first registered: <u>2011</u> Branch: <u>LA</u> LA License No. <u>36465</u>

g. Experience and qualifications relevant to the proposed project

Mr. Andem joined Neel-Schaffer, Inc. in 2011. Mr. Andem serves as a traffic engineer/transportation planner for traffic impact studies, traffic simulation models, signal timing, local and regional travel demand models, corridor analysis, demographic forecasting and other traffic engineering related projects for both public and private developments.

His responsibilities include data collection, development of conceptual designs, and evaluation of improvement alternatives, field reviews, cost estimate, traffic engineering and crash data analysis, traffic signal re-timing, writing reports documenting study findings and recommendations and public involvement meetings.

He is currently working on LA 64 Stage 0 and Grand Prairie Interchange Study and recently developed the VISSIM model for US 190 (Collins Boulevard) Stage 1 EA.


He has extensive experience in traffic engineering which includes safety studies related to intersection/lane departure/pedestrian, signal warrant analysis, roadside hazard, fatal crash reviews, corridor analysis, qualitative assessment, signal timing, signal design traffic impact studies and traffic control. Mr. Andem has extensive experience in using Synchro/Sim Traffic, Highway Capacity Software (HCS), VISSIM, Tru-Traffic, AutoCAD, Microstation and SignCAD. Additionally, he has working knowledge of CORSIM and TransCAD.

Traffic Engineering/Transportation Planning related experience:

- Baton Rouge Metropolitan Planning Organization (MPO) Transportation Plan Update, LADOTD, EBR, WBR, Ascension, Livingston and Iberville Parishes, LA: Mr. Andem worked on the safety element of this project. Tasks completed by Mr. Andem included identifying high crash segments/intersections, crash patterns, determining contributory causes and developing report detailing findings and recommendations. (January 5, 2012 – June, 2013)
- LA 935 (LA 431 to LA 22) Safety Study/Stage 0 Feasibility Study, LADOTD, Ascension Parish, LA: The goal of this project is to develop preliminary description of the transportation design and safety issues. Tasks completed by Mr. Andem included identifying crash clusters, reviewing hard copy police reports, determining the contributory causes and developing and evaluating the effectiveness of proposed alternatives using IHSDM. (October 2, 2012 – January, 2013)
- N. University Avenue (LA 812) Widening, Lafayette Consolidated Government, Lafayette, LA: This project involves widening of University Avenue b/w I-10 and Pont des Mouton Road. Tasks completed by Mr. Andem includes preparing a VISSIM model for build scenario, air quality analysis using MOVES 2010a and preparing air quality report documenting study findings. (April, 2012 – April, 2012)
- Leading Pedestrian Interval (LPI) Study along US 1/S Dixie Highway at the two intersections of SW 27th Avenue and SW 37th Avenue, Miami, FL. Evaluated existing conditions and alternative improvements using Synchro/Simtraffic 7.0 software.
- Pedestrian Mobility and Safety Evaluation Study on SR 5/Biscayne Boulevard from NE 50th Terrace to NE 77th Street, Miami, FL
- Investigation of Drop Off and Canal Hazard Study at Southbound SR 826 Approaching US 1, Miami, FL
- Investigation of lane departure crashes along SR 5/N Roosevelt Boulevard from MP 0.5 to MP 2.25, Key West, FL
- Safety Study – Multiple Locations as Part of ADOT Highway Enhancement Safety – HSIP 2008 Top 5% list.

Registered Professional Traffic Operations Engineer (PTOE) #3017

10. Brief résumé of key persons anticipated to work on this project


a. Name, title & domicile Katie Odenthal, P.E. Project Engineer, Baton Rouge, LA	b. Project assignment Traffic Engineering
c. Name of firm by which employed full time 	d. Years experience: With this firm: <u>5</u> With other firms: <u> </u>
e. Education: Degree(s) / Years / Specialization BS/2012/Civil and Environmental Engineering	f. Active registration: Year first registered: <u>2016</u> Branch: <u>Civil</u> LA License No. <u>40920</u>

g. Other experience and qualifications relevant to the proposed project:

Mrs. Odenthal joined Neel-Schaffer, Inc. in 2012. She is a traffic/transportation engineer who works on a range of traffic and transportation projects. Mrs. Odenthal has worked on several intersection/corridor signal timing studies, signal design projects, and other traffic engineering related projects for both public and private projects. Mrs. Odenthal is experienced with numerous traffic engineering software packages include HCS, SYNCHRO, VISTRO, Tru-Traffic (TSPPDraft), and SIDRA. Mrs. Odenthal has worked on numerous task orders under S.P. No. H.44-2630, Traffic Engineering Retainer Contract and S.P. No. 44-0691, Retainer Contract for Signal Timing Studies – Districts 61, 62 & 02. Mrs. Odenthal currently works on current task orders for the Retainer Contract for Traffic Engineering – Statewide, the Retainer Contract for Traffic Signal Engineering and the District 02 Traffic Signal Inventory. Mrs. Odenthal has worked or is currently working on the following projects related to the RFP:

- District 62 Traffic Signal Inventory, District 62, LA (S.P. No. 44-2630, T.O. No. H.010031.5, July 2014 – May 2015) Engineer Intern
- District 62 Signal Timing Study, Bogalusa, LA; Amite, LA; Kentwood, LA; Folsom, LA; Franklinton, LA (S.P. No. 44-0691, T.O. No. H.009321, July 2014 – September 2015) Engineer Intern
- East Baton Rouge Computerized Traffic Signalization – Phases 4 & 5, Baton Rouge, LA (S.P. No. 700-17-0172, July 2014 – Present) Engineer Intern.
- US 71 & LA 28 Traffic Signal Study (S.P. No. 44-4064, T.O. No. H.0.11438.1, February 2015-September 2015) Engineer Intern
- Kansas Lane Extension Signal Design, Monroe, LA (S.P. No. 742-37-0016, July 2014 – Present) Engineer Intern.
- US 171 at You Winn Rd. Signal Design, Moss Bluff, LA (S.P. No. H.000870, July 2014 – September 2015) Engineer Intern
- US 51 (I-55 to University) Corridor Study (S.P. No. 44-4064, T.O. No. H.0.11401.1, February 2015-Present) Engineer Intern.
- US 51 (I-12 to Coleman) Corridor Study (S.P. No. 44-4064, T.O. No. H.0.11402.1, February 2015-Present) Engineer Intern
- LA 22 (Dalwill Dr to Rodger Storme Rd) Corridor Study (S.P. No. 44-4064, T.O. No. H.0.11454.1, February 2016-Present) Engineer Intern
- LA 22 Corridor Study (Rou Mar Nei Drive to 1st Street) (S.P. No. 44-4064, T.O. No. H.011618.1, March 2016-Present) Engineer Intern
- US 80 Traffic Control Signal Upgrade, Shreveport, LA (S.P. No. 44-4712, T.O. No. H.011733.5, June 2015 – Present) Engineer Intern.
- LA 39/LA 46/LA 47 Corridor Signal Improvements, New Orleans, LA (S.P. No. 44-4829, T.O. No. H.011648.1, June 2015 – Present) Engineer Intern
- LA 39/LA 46/LA 3021 Corridor Signal Improvements, New Orleans, LA (S.P. No. 44-4829, T.O. No. H.011642.5, Sept. 2015 – Present) Engineer Intern
- US 90/US 61/LA 611-9 Corridor Signal Improvements, New Orleans, LA (S.P. No. 44-4829, T.O. No. H.011645.5, Sept. 2015 – Present) Engineer Intern

10. Brief résumé of key persons anticipated to work on this project

a. Name, title & domicile Lonny Territo, Senior Technician, Baton Rouge, LA	b. Project assignment Traffic Data Collection
c. Name of firm by which employed full time 	d. Years experience: With this firm: <u>3</u> With other firms: <u>9</u>
e. Education: Degree(s) / Years / Specialization	f. Active registration: Year first registered: ____ Branch: ____ LA License No. ____

g. Other experience and qualifications relevant to the proposed project:

As a senior technician for Neel-Schaffer, Inc., Mr. Territo's has extensive experience in traffic data collection, signal inventories, signal construction and resident project representation on signal construction projects.

Mr. Territo has provided resident project representation for the **Baton Rouge Computerized Signal System Synchronization Phase Va** project.

Mr. Territo has completed the **IMSA Traffic Signal Certification Program** and is certified as an **Associate Traffic Signal Technician Level I as a Work Zone Safety Specialist, a Traffic Signal Electrician Level II, and as a Traffic Signal Electrician Level III (CE_27875)**. He has also completed the **Trafficware Signal Controller** and **ATMS.now** course.

Relevant past project experience includes:

East Baton Rouge Computerized Signal System Synchronization – Phase Va (Government Street & North Foster Drive) Baton Rouge, LA – Scope of duties included day to day project representation, measurement of field quantities, and preparation of daily reports. (S.P. Nos. 077-05-0043 & 742-17-0157), Resident Project Representative, January 2013 - Present.

11. Work by firm which best illustrates project experience relevant to this project

a. Project number, name & location	b. Project description	c. Nature of firm's responsibility & firm members involved	d. Owner's name, address, and telephone number	e. Completion date & cost in thousands
1) Churchpoint Road / Roddy Road Roundabout Ascension Parish, LA	Conceptual planning of new roundabout to determine cost and feasibility	Field data acquisition , traffic projections and traffic engineering in support of roundabout operations, including Sidra modeling and conceptual design in conformance with EDSM VI.1.1.5/6 N. Ferlito, P. Malisetty, A. Tassin	Ascension Parish Government 120 East Railroad Avenue Gonzales, LA 70737 (225) 621-5709	2010 \$ 9 (fee)
2) Traffic Signal Design and Traffic Engineering Project No. 440000406 Statewide	Traffic Engineering and Traffic Signal Design Services	Project Management, Warrant Analysis, Data Collection, Traffic Analysis / Modeling, Intersection / Corridor Analysis, Signal Design, Traffic Signal Inventory. J Trumps, N. Ferlito (PM), P. Malisetty (Engineer), D. Othling, R. Lala, K Gautreaux.	LADOTD P.O. Box 94245 Baton Rouge, LA 70804-9245 225-379-1370	2014 \$3,000 (fee)
3) Stage 0 Feasibility Study Modern Roundabouts Project No: H04490 Lafayette MPO	Stage 0 Studies supporting the development of 23 roundabout geometry intersections.	Traffic data collection, Trip Generation and Forecasting, Modeling, Traffic Analysis, Engineering Geometry and Costs, Stage 0 Documents J. Trumps, V. Kunada, S. Andem, N. Broussard, S. Andrepont, D. Thornhill, B. Brupbacher	Lafayette Consolidated Government P.O. Box 4017-C Lafayette, LA 70502 (337) 291-8016	2017 \$600 (fee)
4) 700-99-0447 Signal Retainer Contract Statewide	Traffic Engineering and Traffic Signal Design Services	Field data acquisition, study and design of traffic signals J. Trumps, N. Ferlito, B. Ferlito, C. Smoak, K. Gautreaux, D. Hebert	LADOTD P.O. Box 94245 Baton Rouge, LA 70804-9245 (225) 379-1956	2012 \$2,250.00 (fee)
5) Assistance with MPO Call for STP>200K Projects ENG-12-015 (Four Tasks Issued)	Task 1 – La 70 Task 2 – La 42 Task 3 – La 942 (LA 44 Intersection to Log Mile 1.5) Task 4 - La 942 (Log Mile 1.5 to Log Mile 3.0)	Stage 0 Feasibility Studies and Environmental Investigations J. Trumps, N. Ferlito, D. Thornhill, B. Brupbacher S. Smith	Ascension Parish Government 120 East Railroad Avenue Gonzales, LA 70737 (225) 621-5709	2012 \$32 (fee)

11. Work by firm which best illustrates project experience relevant to this project

a. Project number, name & location	b. Project description	c. Nature of firm's responsibility & firm members involved	d. Owner's name, address, and telephone number	e. Completion date & cost in thousands
6) 700-99-0234 Signal Retainer Contract Statewide	Traffic Engineering and Traffic Signal Design Services	Field data acquisition, study and design of traffic signals J. Trumps, N. Ferlito, B. Ferlito, C. Smoak, K. Gautreaux, D. Hebert	LADOTD P.O. Box 94245 Baton Rouge, LA 70804-9245 (225) 379-1956	2008 \$960 (fee)
7) 700-99-0332 Signal Retainer Contract Statewide	Traffic Engineering and Traffic Signal Design Services	Field data acquisition, study and design of traffic signals J. Trumps, N. Ferlito, B. Ferlito, C. Smoak, K. Gautreaux, D. Hebert, Vijay Kunada, P. Malisetty	LADOTD P.O. Box 94245 Baton Rouge, LA 70804-9245 (225) 379-1956	2009 \$1,425 (fee)
8) Retainer Contract for Safety Studies 4400001583 Statewide	Traffic Engineering, Safety Study – Stage 0, Data Collection and Analysis	Traffic Analysis, VISSIM, Environmental Data, Development of Recommendations, Scope Development for Implementation of Countermeasures, Cost/Benefit Analysis	LADOTD P.O. Box 94245 Baton Rouge, LA 70804-9245 (225) 379-1919	2014 \$1,000 (Fee)
9) 700-90-0015 Signal Retainer Contract District 62	Traffic Engineering and Traffic Signal Design Services	Field data acquisition, study and design of traffic signals J. Trumps, N. Ferlito, B. Ferlito, K. Gautreaux, D. Hebert	LADOTD P.O. Box 94245 Baton Rouge, LA 70804-9245 (225) 379-1956	2007 \$250 (fee)
10) US 190 Superstreet Analysis I-12 to North Front Street Covington, LA (Task Order Assignment)	Traffic Engineering and conceptual design for J-turn intersections along US 190 at 11 intersections.	Data collection (i.e. traffic counts, travel time runs), development of superstreet alternatives, alternative analysis, and signal timing optimization. J. Trumps, N. Ferlito, B. Ferlito, P. Malisetty	LADOTD P.O. Box 94245 Baton Rouge, LA 70804 (225) 242-4635	2011 \$164 (fee)

12. All work by firm (all offices) currently being performed for or selected by Ascension Parish Government (as Prime or Sub-consultant)				
a. Project number, name, and location*	b. Nature of your firm's responsibility (also identify if prime or sub-consultant)	c. Percent complete (by phase/type of work)	d. Contract fees (in thousands)** (by phase/type of work)	
			Total	Remaining
No work currently being performed for Ascension Parish				
* For master contracts, list open task orders individually ** Do not include sub-consultant's fees			TOTAL	

13. Use this space to provide any additional information or description of resources supporting your firm's qualifications for the proposed project. This section may also be used to submit proposed prices, if required. **A maximum of two (2) additional sheets may be utilized to answer this question. All other sheets not specifically requested shall be excluded.**

GENERAL BACKGROUND

Neel-Schaffer, Inc. is a large, multi-disciplined consulting engineering firm of over 450 professional, technical, and support staff operating business throughout the southeastern United States, with Louisiana branch offices in Baton Rouge, Mandeville, New Orleans, Lafayette, and Shreveport.

In 2017, Neel-Schaffer, Inc. was ranked 177 of the Top 500 Design Firms by Engineering News Record and among the Top 35 Best Firms to Work For by CE News. Neel-Schaffer, Inc. has also been **ranked #22 in the Top 50 Road & Highway Design Firms** released by Roads and Bridges Magazine.

Neel-Schaffer has been extensively involved in highway and bridge design, traffic engineering, and transportation planning and modeling and preparation of environmental documents in Louisiana for over twenty-five years for the LADOTD and for every major municipality in the State of Louisiana.

Neel-Schaffer maintains a larger staff of professional traffic engineers than any firm its size in the southeast. The firm has many staff experts in Traffic and Transportation Engineering. The staff is experienced with Transportation Modeling Software, such as TranPlan, and TransCAD and utilizes many traffic engineering software packages. Examples include Corsim, Vissim, Synchro, PASSER II and III, SIDRA, TSPPDraft, and Highway Capacity Software (HCS).

Neel-Schaffer also has provided traffic engineering services for retainer contracts (currently and previously) for the LADOTD since 1999. Those projects range from individual traffic signals to major urban area arterial traffic signal interconnected systems to corridor studies. In the course of these projects, Neel-Schaffer has been responsible for traffic data collection, warrant analysis, traffic engineering studies, operational analysis, signal timing analysis, VISSIM modeling, field inspections, traffic signal inventory (TSI) preparation, preliminary and final plans. Specific examples of traffic engineering retainer contracts performed by the Louisiana offices of Neel-Schaffer include the following:

Traffic Engineering Retainer Contract - Statewide (700-99-0234) for the Louisiana Department of Transportation and Development. Task orders completed on this project include:

Traffic Engineering Retainer Contract - Statewide (700-99-0332) for the Louisiana Department of Transportation and Development. Task orders completed on this project include:.

Traffic Engineering Retainer Contract - Statewide (700-99-0447) for the Louisiana Department of Transportation and Development. Task orders completed on this project include:

Traffic Engineering and Signal Design Retainer Contract - District 62 (700-90-0015) for the Louisiana Department of Transportation and Development. Several projects completed under this project include the following.

Traffic Engineering Retainer Contract - Statewide (4400002630) for the Louisiana Department of Transportation and Development. This current project is underway and on-going.

Traffic Engineering Retainer Contract - Statewide (4400004064) for the Louisiana Department of Transportation and Development. This current project is underway and on-going.

In addition to numerous task order contracts with LADOTD, Neel-Schaffer, Inc. has provided traffic engineering services for the following Ascension Parish projects.

- Project # DPW-1-005 – St. Landry Road – Edenborne Connector Stage 0
- Ascension Master Contract for Professional Services - AP 929 at Parker Road Roundabout Study
- Ascension Master Contract for Professional Services - Churchpoint Road at Roddy Road Roundabout Study
- Project # ENG-13-023 – Roddy Road at Cannon Road Roundabout Study

KEY PERSONNEL QUALIFICATIONS AND EXPERIENCE

A minimum of one Professional Traffic Operations Engineer (PTOE) registered in the State of Louisiana, with at least five years of traffic analysis experience with signal warrants, roundabout design, and signal timing and traffic signal design and a corresponding support staff.

Nick Ferlito, P.E., PTOE. Mr. Ferlito joined Neel-Schaffer, Inc. in 1996. He is a traffic/transportation engineer who manages a range of traffic and transportation projects. Mr. Ferlito serves as a project manager for Stage 0 studies, local and regional traffic impact studies, intersection studies, corridor studies, signal timing studies, warrants analysis, traffic signal inventories, signal design projects and other traffic engineering related projects for both public and private projects.

Charles Adams, P.E., PTOE, has over 20 years of experience as a traffic/transportation engineer who has managed a range of traffic and transportation projects. In addition Mr. Adams has experience with traffic volume forecasting, traffic signal design and analysis using HCS, Synchro, Trip Generation, traffic impact studies, intersection studies and traffic signal system projects. As noted in his resume, while at LADOTD, he designed numerous solutions for abnormal accident locations.

Prasanth Malisetty, P.E. PTOE, has over 9 years of experience in traffic engineering and specific experience in traffic engineering studies, warrants analysis, signal timing and coordination, traffic impact studies, corridor studies and other traffic engineering related projects for both public and private projects. He is proficient in traffic engineering software such as HCS+, Synchro, SIDRA, SimTraffic, VISSIM and CORSIM.

Vijay Kunada, P.E., PTP, PTOE, has over 12 years of experience in traffic engineering with specialization in transportation planning and modeling. He holds master's degrees in transportation engineering and computer science and has served as a project engineer for local and regional travel demand models, corridor analysis, Stage 0 Studies, traffic impact studies, traffic simulation models, demographic forecasting, and other traffic engineering related projects for both public and private developments

15. This is to certify that all information contained herein is accurate and true.

Signature of Contact Principal: _____

Jerry Trumps, Senior Vice President

Date: 6/08/17



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

Lookup Detail View
Contact

Name	Public Address
Neel-Schaffer, Inc.	Neel-Schaffer, Inc. Mr. Nick J. Ferlito, Jr. 10000 Perkins Rowe, Bldg. 3, Suite 360 Baton Rouge, LA 70810

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)	Supervisee(s)
EF.0001372	Active	12/04/1986	09/30/2017	Mr. Daniel Thomas Thornhill # PE.0032367 - Active Mr. Michael Steven Vercher # PE.0027998 - Active Mr. Nick Joseph Ferlito Jr. # PE.0028001 - Active Mr. Vijay Kumar Kunada # PE.0032145 - Active in Audit (Spring 2016) Mr. William Donald Lancaster # PE.0022821 - Active	

Generated on: 1/20/2016 10:43:25 AM

CERTIFICATION STATEMENT

The undersigned hereby acknowledges she/he has read and understands all requirements and specifications of the Request for Qualifications (RFQ), including exhibits.

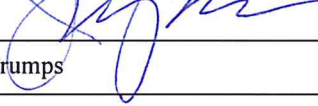
OFFICIAL CONTACT. The Parish requests that the Proposer designate one person to receive all documents and the method in which the documents are best delivered. Identify the Contact name and fill in the information below: (Print Clearly)

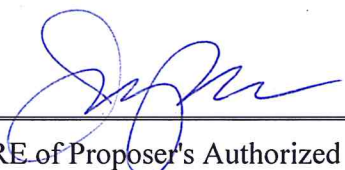
Date June 8, 2017 Official Contact Name: Jerry Trumps, Senior Vice President
A. E-mail Address: jerry.trumps@neel-schaffer.com
B. Facsimile Number with area code: (337) 232-6166
C. US Mail Address: 10000 Perkins Rowe, Suite G360, Baton Rouge, LA 70810

Proposer certifies that the above information is true and grants permission to the Parish or Agencies to contact the above named person or otherwise verify the information provided.

By its submission of this proposal and authorized signature below, Proposer certifies that:

1. The information contained in its response to this RFQ is accurate;
2. Proposer complies with each of the mandatory requirements listed in the RFQ and will meet or exceed the functional and technical requirements specified therein;
3. Proposer accepts the procedures, evaluation criteria, mandatory contract terms and conditions, and all other administrative requirements set forth in this RFQ.
4. Proposer's quote is valid for at least 90 days from the date of proposal's signature below;
5. Proposer understands that if selected as the successful Proposer, he/she will have 30 business days from the date of delivery of final contract in which to complete contract negotiations, if any, and execute the final contract document.

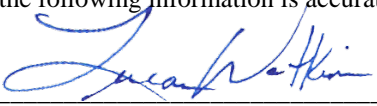
Authorized Signature: 
Typed or Printed Name: Jerry Trumps
Title: Senior Vice President
Company Name: Neel-Schaffer, Inc.
Address: 10000 Perkins Rowe, Suite G360
City: Baton Rouge State: Louisiana Zip: 70810


SIGNATURE of Proposer's Authorized Representative
June 8, 2017
DATE

STANDARD FORM: APG-1001

(10/2008)

Professional Engineering and Related Services

1. Project title PROFESSIONAL ENGINEERING DESIGN AND RELATED SERVICES IN SUPPORT OF: "MOVE ASCENSION"	2. Project number ENG-17-100																		
3a. Firm (as registered with the Louisiana Secretary of State) and mailing address of the office to perform work ELOS Environmental, LLC 43177 East Pleasant Ridge Road Hammond, LA 70403 	3b. Name, title, telephone number, and e-mail address of the official with signing authority for this contract Lucas Watkins, President/Environmental Scientist Phone 985-662-5501 Fax 985-662-5504 lwatkins@elosenv.com 3c. Name, Title, telephone number, e-mail address and registration number of full-time LA licensed engineer in responsible charge of the project (not required for non-engineering projects)																		
3d. I certify that the following information is accurate and complete to the best of my knowledge (must be same person as 3b): Signature:  Date: <u>6/15/17</u>																			
4. Full-time personnel on firm's payroll who are located at the primary work location identified in 3a above: <table border="0" style="width: 100%;"> <tr> <td>a. Civil Engineers, with current Louisiana P.E. registration</td> <td style="text-align: right;">_____</td> </tr> <tr> <td>b. Environmental Engineers, with current Louisiana P.E. registration (not included in 4a)</td> <td style="text-align: right;">_____</td> </tr> <tr> <td>c. Land Surveyors, with current Louisiana P.L.S. registration</td> <td style="text-align: right;">_____</td> </tr> <tr> <td>d. Engineers In Training, with current Louisiana E.I. registration</td> <td style="text-align: right;">_____</td> </tr> <tr> <td>e. Designers/Draftsmen</td> <td style="text-align: right;">_____</td> </tr> <tr> <td>f. Survey Party Chiefs</td> <td style="text-align: right;">_____</td> </tr> <tr> <td>g. Real Estate Professionals (Agents and Certified Appraisers)</td> <td style="text-align: right;">_____</td> </tr> <tr> <td>h. Other personnel not included in above categories</td> <td style="text-align: right;">14</td> </tr> <tr> <td>Total personnel at primary work location (sum of a – h)</td> <td style="text-align: right;">14</td> </tr> </table>		a. Civil Engineers, with current Louisiana P.E. registration	_____	b. Environmental Engineers, with current Louisiana P.E. registration (not included in 4a)	_____	c. Land Surveyors, with current Louisiana P.L.S. registration	_____	d. Engineers In Training, with current Louisiana E.I. registration	_____	e. Designers/Draftsmen	_____	f. Survey Party Chiefs	_____	g. Real Estate Professionals (Agents and Certified Appraisers)	_____	h. Other personnel not included in above categories	14	Total personnel at primary work location (sum of a – h)	14
a. Civil Engineers, with current Louisiana P.E. registration	_____																		
b. Environmental Engineers, with current Louisiana P.E. registration (not included in 4a)	_____																		
c. Land Surveyors, with current Louisiana P.L.S. registration	_____																		
d. Engineers In Training, with current Louisiana E.I. registration	_____																		
e. Designers/Draftsmen	_____																		
f. Survey Party Chiefs	_____																		
g. Real Estate Professionals (Agents and Certified Appraisers)	_____																		
h. Other personnel not included in above categories	14																		
Total personnel at primary work location (sum of a – h)	14																		

5. Full-time personnel on firm's payroll, not located at the primary work locations, to be used on this project:

a. Civil Engineers

b. Environmental Engineers (not included in 5a)

c. Land Surveyors, with current Louisiana P.L.S. registration

d. Engineers In Training, with current Louisiana E.I. registration

e. Designers/Draftsmen

f. Survey Party Chiefs

g. Real Estate Professionals (Agents and Certified Appraisers)

h. Other personnel not included in above categories

Total personnel not located at the primary work location (sum of a – h)

6. Do you presently have sufficient staff to perform these services in the designated time frame? ☒ Yes ☐ No

7. Identify the element of work (as defined in the advertisement), and the % of the element to be performed by the firm. Also, identify % of work for the overall project to be performed by the firm (must be at least 50%).

Refer to the Prime Consultant's Standard Form: APG-1001

8. Do you intend to use a sub-consultant(s)? _____ yes X no

(For use by the Prime Consultant only)

All subconsultants/associates listed for this project must attach a signed Form APG-1001

Name and address	Identify the element of work (as defined in the advertisement), and the % of the element to be performed by the sub-consultant. Also, identify the % of work for the overall project to be performed by the sub-consultant.	Worked with prime before? (Yes/No)
1. Not Applicable		
2.		
3.		
4.		
5.		

9. Staffing Plan – A Diagram showing all personnel specifically assigned to each work element of the project, their duties, and immediate supervisors. The Staffing Plan should also include the same information for Sub-consultants (if applicable).

Refer to the Prime Consultant's Standard Form: APG-1001

10. Brief résumé of key persons anticipated to work on this project

a. Name, title & domicile Dean Barnes, RPA, Hammond, LA	b. Position or Assignment for this project Archeologist
c. Name of firm by which employed full time ELOS Environmental, LLC	d. Years experience: With this firm: <u>1</u> With other firms: <u>8</u>
e. Education: Degree(s) / Years / Specialization M.A., 2010, Heritage Resources B.A., 2008, Cultural Resources Management	f. Active registration: Year registered: <u>2016</u> Branch: <u>RPA</u> State: <u>LA</u> License No.: <u>38828607</u>

g. Specific experience and qualifications relevant to the proposed project:

Mr. Barnes is an experienced Archeologist in the fields of archeology, historical preservation, and museum curation. He is a member of the Register of Professional Archeologists (RPA) and has taken the Section 106 Essentials training in Mobile, AL. He has performed Phase I archeological surveys, pedestrian surveys, Phase III data recovery surveys, and non-destructive archeological surveys. He has experience in curating both historic and pre-historic artifacts through documentation, photography, and preservation of artifacts to be stored for future analysis or museum display. Mr. Barnes has written technical documents and contributed to archeological reports, laboratory procedures, field guides, equipment operation manuals, Historic American Buildings Surveys, National Register of Historic Places nominations, and grants for non-profit organizations. He currently provides cultural resource surveys and Section 106 consultations for ELOS clients in support of National Environmental Policy Act (NEPA) documentation, Section 404/10 permits, and other projects requiring National Historic Preservation Act compliance.

New Orleans-to-Venice Hurricane Protection Levee Supplemental Environmental Impact Statement, Plaquemines Parish, LA

Mr. Barnes served as field director for the Phase I Cultural Resources survey of the 86.8 miles of levees and back levees on the east and west banks of the Mississippi River in Plaquemines Parish. Mr. Barnes participated in documenting and curating artifacts and assisted in historical research, writing of the management summary, site reports, and cultural management report in support of the Supplemental EIS.

Strategic Petroleum Reserve Valve Site Access Improvements EA 2040, Calcasieu and Cameron Parishes, LA

Mr. Barnes prepared and submitted cultural resources and historic sites report to the Louisiana State Historic Preservation Officer (LASHPO) to secure concurrence on a finding of no effect for proposed improvements to the Strategic Petroleum Reserve valve sites.

Nexus Systems Fiber Optics and Wireless Telecommunications Tower EA, Natchitoches, DeSoto, and Caddo Parishes, LA

Mr. Barnes conducted archaeological and historic site surveys and wetlands and other waters field reconnaissance along a proposed 70-mile fiber optic corridor. He prepared a Phase I Cultural Resources Survey Report for the corridor and submitted historic site documentation for the Village of Powhatan to the LASHPO. He conducted outreach to federally-recognized tribes through the tower construction notification system (TCNS). Based on this coordination, the tribes and LASHPO determined that the project would not adversely affect cultural and tribal resources.

10. Brief résumé of key persons anticipated to work on this project

a. Name, title & domicile Flynn Daigle, Ponchatoula, LA	b. Position or Assignment for this project Project Manager
c. Name of firm by which employed full time ELOS Environmental, LLC	d. Years experience: With this firm: <u>2</u> With other firms: <u>8</u>
e. Education: Degree(s) / Years / Specialization B.S., Environmental Management Systems, 2005	f. Active registration: Year registered: <u>2009</u> Branch: <u>ASFPM</u> State: <u>LA</u> License No.: <u>US-90-04721</u>

g. Specific experience and qualifications relevant to the proposed project:

Mr. Daigle is ELOS's Lead Project Manager and an Environmental Scientist with experience in many phases of Environmental compliance, including National Environmental Policy Act (NEPA), Section 10 and 404 permitting, wetland delineations, Phase I and II subsurface investigation, and Floodplain Management. He is a Certified Floodplain Manager (CFM) accredited through the Association of State Floodplain Managers (ASFPM). He is responsible for the management of ELOS employees to maximize the effectiveness and timeliness of ELOS's work product through the appropriate allocation of resources while also acting as a project manager on critical initiatives. He is well versed in the regulations governing Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors act.

Lac des Allemands Shoreline Protection, St. John the Baptist Parish, LA

Mr. Daigle managed the permitting for the placement of rip rap armoring along the shores of Lac des Allemands, a tidally influenced freshwater lake in St. John the Baptist Parish. Mr. Daigle oversaw the Joint Permit Application to the Louisiana Department of Natural resources – Office of Coastal Management (LDNR). He secured authorizations from the United States Army Corps of Engineers for impacts to Section 10 waters, coordinated with the Louisiana Office of State Lands to obtain the required right-of-way for the placement of rock dykes in state owned water bottoms, and collaborated with the Louisiana Department of Wildlife and Fisheries and LDNR to minimize impacts to species of concern.

NOV-NFL Drainage Improvements SEA #537 and Permitting, Plaquemines Parish, LA

Mr. Daigle managed ELOS's staff to complete the CEMVN Environmental for Supplemental EA #537 and the associated section 404 Department of the Army permit for the New Orleans to Venice (NOV) Hurricane Risk Reduction Project: Changes to the Non-Federal Levees (NFL), Plaquemines Parish, LA. ELOS was responsible for environmental analysis of modifications to the drainage system between La Reussitte and St. Jude including wetlands and other waters, cultural resources, and hazardous waste.

Alligator Bayou Water Control Structure Improvements, Iberville Parish, LA

Mr. Daigle leads ELOS's staff in the Section 404/10 permitting process for the improvements to the water control structure at Alligator Bayou and Bayou Manchac in Iberville Parish. Iberville Parish Government is currently proposing to replace the existing culverts, automate the floodgate, install communications and auxiliary power equipment, and construct a boat ramp and parking pad for access to the bayou for maintenance in order to reduce backwater flooding in the Spanish Lake Basin.

10. Brief résumé of key persons anticipated to work on this project

a. Name, title & domicile
Brian Fortson, Mandeville, LA

b. Position or Assignment for this project
Senior Project Scientist

c. Name of firm by which employed full time
ELOS Environmental, LLC

d. Years experience:
With this firm: 4 With other firms: 25

e. Education: Degree(s) / Years / Specialization
J.D. Civil Law, 2006
B.S., Wetland Ecology, 1995

f. Active registration: Year registered: _____
Branch: _____ State: _____
License No.: _____

g. Specific experience and qualifications relevant to the proposed project:

Mr. Fortson served as a Planner, Environmental Specialist, and Coastal Wetland and Environmental Resources Manager for St. Tammany Parish Government from 1990 to 2012. He was responsible for the administration of the St. Tammany Parish Local Coastal Program under the Coastal Zone Management Act and was responsible for managing the natural resource permitting efforts for Parish Government. Mr. Fortson was the Coastal Wetlands Planning, Protection and Restoration Act (CWPPRA) representative for St. Tammany Parish beginning with Project Priority List 1 and has proposed and presented multiple coastal restoration projects and facilitated the approval of projects through that process. With ELOS, Mr. Fortson has led the permitting effort for multiple projects for local development and infrastructure improvement efforts. Mr. Fortson provides technical expertise on many other projects for which he is not the lead scientist.

LA 3234 Extension to Hammond Airport Environmental Assessment, Tangipahoa Parish, LA

Mr. Fortson is responsible for supervision of field work, wetlands delineation, biological surveys, and Section 404 application for three alternative alignments being studied for the extension of E University Avenue from LA 1065 to the Hammond Airport. He will provide the wetlands value assessment (WVA) to estimate mitigation costs for unavoidable impacts to wetlands.

Kings Road Bridge Replacement, St. Tammany Parish, LA

Mr. Fortson was responsible for environmental compliance for replacement of the bridge over Wrights Creek in northern St. Tammany Parish. His work included supervision of field investigations and impact analysis for natural and cultural resources. He also prepared the Gopher Tortoise Inspection Report and coordinated with

US 51 (LA 22 to Club Deluxe Road) Draft EA, Phase I ESA, and Biological Survey Report, Tangipahoa Parish, LA

Mr. Fortson was responsible for the supervision of and participation in field investigations to support wetlands delineations and findings reports, biological survey, and threatened and endangered species report. Coordination among natural resource agencies, consultation with landowners, and outreach to public groups.

10. Brief résumé of key persons anticipated to work on this project

a. Name, title & domicile Lynn Maloney-Mujica, Baton Rouge, LA	b. Position or Assignment for this project Senior Planner/NEPA Specialist
c. Name of firm by which employed full time ELOS Environmental, LLC	d. Years experience: With this firm: <u>2</u> With other firms: <u>27</u>
e. Education: Degree(s) / Years / Specialization M.S., 2008, Environmental Sciences B.A., 1976, Liberal Arts	f. Active registration: Year registered: <u>2005</u> Branch: <u>AICP</u> State: <u>N/A</u> License No.: <u>020555</u>

g. Specific experience and qualifications relevant to the proposed project:

Mrs. Maloney is an environmental scientist and American Institute of Certified Planners (AICP) planner with over 15 years experience in NEPA analysis and documentation for a wide variety of infrastructure projects. She joined ELOS after 11 years as an environmental consultant responsible for environmental planning and NEPA compliance for clients including the Louisiana Department of Transportation, the New Orleans Regional Transit Authority, the US Army Corps of Engineers, and the National Park Service. Specific areas of expertise include cultural resource consultation as required by Section 106 of the National Historic Preservation Act a Section 4(f) of the Transportation Act; wetlands determinations, permitting, and mitigation under Section 404 of the Clean Water Act; wildlife and protected species consultation under Section 7 of the Endangered Species Act; and socioeconomic analysis in compliance with Title VI of the Civil Rights Act. Mrs. Maloney has extensive experience in wetlands and other waters permitting, due diligence review for projects including wind farms, electric generating facilities, and pipelines, and securing authorizations from the US Coast Guard and various Louisiana levee boards. She also has comprehensive plan development and implementation experience.

LA 3234 Extension to Hammond Airport Environmental Assessment, Tangipahoa Parish, LA

Ms. Maloney is the ELOS project manager with direct responsibility for the delivery of technical analyses for the extension of E. University Avenue from LA 1065 to the Hammond Airport along three alternative alignments. She will ensure quality, schedule, and budget for all of the technical reports including the Phase I ESA, wetlands finding report, and the biological survey report that will include gopher tortoise and red-cockaded woodpecker habitat analysis.

US 51 (LA 22 to Club Deluxe Road) Draft EA, Phase I ESA, and Biological Survey Report, Tangipahoa Parish, LA

Ms. Maloney served as the project manager for all environmental analysis technical reports including the Phase I ESA, Biological Survey for threatened and endangered (T&E) species (including gopher tortoise) and wetlands findings reports.

Jesuit Bend Feasibility Study and Permitting Plan, Plaquemines Parish, LA

Ms. Maloney provided the regulatory and NEPA compliance plan as part of a feasibility study for improvements to hurricane protection in the Jesuit Bend area (west bank) of Plaquemines Parish. She is currently compiling an environmental inventory for the project that will include identification of potential wetlands and T&E species.

10. Brief résumé of key persons anticipated to work on this project

a. Name, title & domicile Jesse McQuigg, Angie, LA	b. Position or Assignment for this project Geographic Information Systems (GIS) Manager
c. Name of firm by which employed full time ELOS Environmental, LLC	d. Years experience: With this firm: <u>3</u> With other firms: <u>5</u>
e. Education: Degree(s) / Years / Specialization Drafting and Design, 2014	f. Active registration: Year registered: _____ Branch: _____ State: _____ License No.: _____

g. Specific experience and qualifications relevant to the proposed project:

Mr. McQuigg has extensive knowledge of mapping programs and tools such as ArcGIS and AutoCad. He has experience with ArcGIS Online, Collector of ArcGIS, Survey 123, Expert GPS, BaseCamp, and Google Earth. With the use of these software programs, he collects and interprets field data and supports environmental analyses and mapping. The figures and maps he generates are vital to the development of National Environmental Policy Act (NEPA) documentation, Threatened and Endangered Species Surveys, Wetlands Delineations, Phase I Environmental Site Assessments, Section 404 and 10 Permits, and Coastal Use Permits. Mr. McQuigg has obtained his Certified Small Unmanned Aircraft Systems (SUAS) Remote Pilot license, allowing him to survey environmentally sensitive areas in a non-invasive manner.

LA 3234 Extension to Hammond Airport Environmental Assessment, Tangipahoa Parish, LA

Mr. McQuigg is currently post-processing GPS coordinates that identify the location of sample plots and sensitive areas that will be provided to the client as GIS shapefiles for use in a comparative impact analysis.

Kings Road Bridge Replacement, St. Tammany Parish, LA

Mr. McQuigg created maps using ArcGIS to assist with the determination of suitable habitat for gopher tortoise. This work included the creation of soil maps and habitat determination shapefiles to document results of the inspection.

Preliminary Dredging Study, Bar Channel to the Mouth of the Tangipahoa River, Tangipahoa Parish, LA

Mr. McQuigg provided data related to environmental impacts of the proposed project including a subsequent delineation of the scenic stream jurisdictional boundary, which was provided to the Corps for agency coordination.

US 51 (LA 22 to Club Deluxe Road) Draft EA, Phase I ESA, and Biological Survey Report, Tangipahoa Parish, LA

Mr. McQuigg provided data analysis of figure designs constructed in AutoCad and ArcGIS. He developed maps using remote sensing aerial imagery and geographic information systems for the environmental assessment, wetlands delineations, Phase I ESA, and biological studies including gopher tortoise and red-cockaded woodpecker habitat analysis.

10. Brief résumé of key persons anticipated to work on this project

a. Name, title & domicile Lucas Watkins, Hammond, LA	b. Position or Assignment for this project President/Environmental Scientist
c. Name of firm by which employed full time ELOS Environmental, LLC	d. Years experience: With this firm: <u>10</u> With other firms: <u>3</u>
e. Education: Degree(s) / Years / Specialization M.S., 2005, Biology B.S., 2000, Forest Management	f. Active registration: Year registered: _____ Branch: _____ State: _____ License No.: _____

g. Specific experience and qualifications relevant to the proposed project:

Mr. Watkins is a biologist and regulatory compliance specialist with thirteen years of experience identifying and addressing environmental compliance issues. With his partner, Jay Prather, he founded ELOS Environmental, LLC, an environmental consulting firm specializing in wetlands and other natural resource analysis and regulatory compliance. Mr. Watkins is a member of the Society of Wetlands Scientists, Society of American Foresters, and the International Society of Arboriculture. Besides being trained in NEPA and wetlands, he also is a licensed LDAF Arborist, a certified NPDES Erosion Inspector, a Nuisance Wildlife Control Operator, and a Certified Prescribed Burn Manager. Other training includes ASTM Phase I and Phase II Environmental Site Assessments, Wetland Rapid Assessment Procedures, Stormwater Management, and FERC Regulatory Overview and Guidance.

Bert Allen Ditch, Gonzales, LA

Mr. Watkins was the Project Manager responsible for overseeing the data collection and analyses, project planning and strategy, regulatory correspondence, wetland delineation/jurisdictional determination, and section 404/10 permitting.

LADOTD 1-12 to Bush Highway Mitigation Plan, St. Tammany Parish, LA

Mr. Watkins helped with the development of a wetland mitigation plan for the I-12 to Bush Highway Project in St. Tammany Parish. These services included identification of potential mitigation sites, assisting in meetings with landowners, evaluation of site parameters, aiding with wetland delineations, and providing findings to DOTD.

In addition to project work, Mr. Watkins, as principal-in-charge, has provided oversight for the following projects:

- LA 3234 Extension to Hammond Airport Environmental Assessment.
- Lee's Landing Boat Launch and Parking Lot Properties.
- Kings Road Bridge Replacement at Wrights Creek, Permitting
- US 51 (LA 22 to Club Deluxe Road) Environmental Assessment
- Alligator Bayou Drainage and Backwater Flood Reduction Project
- Preliminary Study, Bar Channel to the Mouth of the Tangipahoa River, Tangipahoa Parish, LA

11. Work by firm which best illustrates project experience relevant to this project (List not more than 10 Projects)

a. Project name & location	b. Project description	c. Nature of firm's responsibility & firm members involved	d. Client's name, address, and telephone number	e. Completion date or Percent Complete & cost in thousands
<p>US 51 (LA 22 to Club Deluxe Road) Draft EA, Phase I ESA, and Biological Survey Report</p> <p>Tangipahoa Parish, LA</p>	<p>ELOS provided environmental services to support the FHWA NEPA review and clearance for a 2.6-mile road widening project sponsored by RPC. LEOS services included: desktop and field data collection and mapping; documenting existing conditions including inventory of structures and recreational resources; wetlands delineation; Wetlands Findings Report and comparative impact analysis; Biological Survey Report; Phase I ESA Report; agency coordination and solicitation of views; landowner coordination; and public venue scheduling and arrangements, and other public outreach activities.</p>	<p>Environmental Assessment Wetland Findings</p> <p>Lucas Watkins Flynn Daigle Brian Fortson Lynn Maloney Dean Barnes Jesse McQuigg</p>	<p>N-Y Associates, Inc. Mr. Bruce Richards 2750 Lake Villa Drive Metairie, LA 70002 (504) 885-0500</p>	<p>90% Complete</p> <p>\$147</p>
<p>Kings Road Bridge Replacement</p> <p>St. Tammany Parish, LA</p>	<p>ELOS provided environmental services for road overlay and bridge crossing of Wrights Creeks in St. Tammany Parish. Services provided: Desktop and field data collection and mapping; Wetlands delineation; Wetlands Findings Report and comparative impact analysis; Biological Survey Report; Agency coordination and solicitation of views; landowner coordination; gopher tortoise survey; and public outreach activities.</p>	<p>Wetland Jurisdictional Determination Section 404 Permit Gopher Tortoise Survey</p> <p>Lucas Watkins Flynn Daigle Brian Fortson Dean Barnes Jesse McQuigg</p>	<p>St. Tammany Parish Government Mr. Jason Cambre, P.E. 620 N. Tyler Street Covington, LA 70433 985-898-2552</p>	<p>May 2017</p> <p>\$22</p>

LA 3234 Ext from LA 1065 – Hammond Airport Hammond, LA	ELOS is the subcontractor responsible for natural resource and due diligence investigations in support of a Stage 1 Environmental Assessment for the extension of LA 3234 on a combination of existing and new alignments. Three alternative routes are being investigated that will connect the end of University Avenue to the Hammond Airport, allowing for a direct route from I-55 to the airport. ELOS will prepare a wetlands delineation, biological resource surveys, including determination of the likely presence of habitat for threatened, endangered (T&E), other protected species, and species of concern. ELOS will also prepare the Phase I Site Assessment according to ASTM 1527-13 as it pertains to the LDOTD right-of-way acquisition process. Wetlands, water resources, critical habitat, and significant trees will be identified and mapped for use in the comparative impact analysis of the three alternatives under consideration. ELOS is also a partner for Tangipahoa Parish stakeholder engagement.	Environmental Assessment Wetland Findings Lucas Watkins Flynn Daigle Brian Fortson Lynn Maloney Dean Barnes Jesse McQuigg	N-Y Associates, Inc. Mr. Bruce Richards 2750 Lake Villa Drive Metairie, LA 70002 (504) 885-0500	59% Complete \$101
---	--	--	---	---------------------------

<p>Louisiana Highway 11 Stage 0</p> <p>Slidell, LA</p>	<p>ELOS Environmental, LLC was charged with the environmental inventory for a 2.5 mile right-of-way to determine the feasibility of increasing a two lane road to a four lane road. ELOS performed environmental field surveys including a wetland delineation, compiled a wetland findings report, imported and referenced aerial imagery, and developed resource reports.</p>	<p>Stage 0 Environmental Study</p> <p>Lucas Watkins</p>	<p>LA Department of Transportation and Development</p> <p>Krebs, LaSalle, LeMieux Consultants, Inc. 3445 N. Causeway Blvd. Suite 401 Metairie, LA 70002 (504) 836-6009</p>	<p>June 2011</p> <p>\$40</p>
<p>Louisiana Highway 190 Stage 0</p> <p>Covington, LA</p>	<p>ELOS was charged with the environmental inventory for a right-of-way along the edge of the Highway 190 Bridge over Highway 21 and the Bogue Falaya River in Covington, Louisiana. ELOS performed environmental field surveys including a wetland delineation, compiled a wetland findings report and developed resource reports.</p>	<p>Stage 0 Environmental Study</p> <p>Lucas Watkins</p>	<p>St. Tammany Parish Government</p> <p>Krebs, LaSalle, LeMieux Consultants, Inc. 3445 N. Causeway Blvd. Suite 401 Metairie, LA 70002 (504) 836-6009</p>	<p>November 2010</p> <p>\$40</p>
<p>Louisiana Highway 23</p> <p>Happy Jack to Port Sulphur, LA</p>	<p>ELOS conducted a Stage 0 Environmental Study to locate significant features along and adjacent to Louisiana State Highway 23 as designated in Chapter 4: Stage 0 Standard Operating Procedure of the "DOTD Program Development and Project Delivery System Manual" on January 13, 2010. The target area extends from Happy Jack, LA to Port Sulphur, LA.</p>	<p>Stage 0 Environmental Study</p> <p>Lucas Watkins</p>	<p>Regional Transportation Management Center 10 Veterans Memorial Blvd. New Orleans, LA 70124</p> <p>Mr. Walter Brooks, Executive Director 504-483-8500</p>	<p>(est.) 2010</p> <p>\$25</p>

Louisiana Highway 22 Mandeville to Madisonville, LA	ELOS assisted DOTD with its planning for the upgrade of Hwy. 22 between Mandeville and Madisonville in St. Tammany Parish. ELOS performed a wetland delineation, endangered species survey, the proposed updating of a Findings of No Significant Impact (FONSI) and , compiled a wetland findings report for a 4 mile long corridor along Hwy. 22.	Wetland Jurisdictional Determination T&E Survey Lucas Watkins	Krebs, LaSalle, LeMieux Consultants, Inc. 3445 N. Causeway Blvd. Suite 401 Metairie, LA 70002 504-836-6009	February 2009 \$6
Jesuit Bend Flood Protection Feasibility Study and Implementation Plan Plaquemines Parish, LA.	ELOS was engaged to provide environmental planning services for a flood protection project from Oakville to La Resuite. The project involves excavation and fill to create new levees and raise existing ones to the 100-year level of protection, tying in to the Mississippi River Levee, floodwalls, and back levees. ELOS provided a list of potential environmental impacts, an agency coordination plan, and a permitting plan and timeline to describe the path forward for potential funding partners and grants. ELOS provides with another subcontractor to develop a cost / benefit analysis that includes calculation of natural resource and flood protection benefits.	Environmental Planning Lucas Watkins Flynn Daigle Brian Fortson Lynn Maloney	HNTB Corporation 10000 Perkins Rowe Baton Rouge, LA 70810 (225) 456-3208	August 2016 \$8
Bert Allen Ditch Ascension Parish, LA	ELOS performed data collection and analyses, project planning and strategy, regulatory correspondence, wetland assessments, wetland delineation/ jurisdictional determination, and Section 404/10 permitting for improvements to a regional drainage canal.	Wetland Jurisdictional Determination Section 404/10 Lucas Watkins Flynn Daigle Brian Fortson Jesse McQuigg	Ascension Parish Government Mr. Bill Roux P.O. Box 2392 Gonzales, LA 70707 (225) 450-1340	March 2016 \$28

12. All work by firm (all offices) currently being performed for or selected by Ascension Parish Government (as Prime or Sub-consultant)

a. Project name, and location*	b. Nature of your firm's responsibility (also identify if prime or sub-consultant)	c. Percent complete (by phase/type of work)	d. Contract fees (in thousands)** (by phase/type of work)	
			Total	Remaining
Clouatre Ditch	ELOS Environmental is the prime consultant performing Data Collection and Analyses, Project Planning and Strategy, Regulatory Correspondence, Section 404/10 permitting.	56%	\$21,000	\$9,289
* For master contracts, list open task orders individually ** Do not include sub-consultant's fees			Total	

13. Use this space to provide any additional information or description of resources supporting your firm's qualifications for the proposed project. This section may also be used to submit proposed prices, if required. A maximum of two (2) additional sheets may be utilized to answer this question. All other sheets not specifically requested shall be excluded.

Introduction

ELOS Environmental, LLC (ELOS) is certified in Louisiana as a Small and Emerging Business Enterprise (SEBD) under the Hudson Initiative (Cert. #11198). ELOS environmental professionals provide data-supported analysis to federal, state, and local agencies along with private clients in order to secure environmental clearances, permits, and authorizations as required by the National Environmental Policy Act (NEPA), Sections 404 and 401 of the Clean Water Act, Section 10 of the Rivers and Harbor Act, and Section 14 of the Rivers and Harbor Act as codified in 33 USC 408 (Section 408) for modifications to federal projects, and Section 106 of the National Historic Preservation Act.

ELOS is expert in regulatory affairs related to environmental permitting and compliance. In addition to the above-listed permits, we have been providing the following products to our clients for over 10 years:

- Wetlands assessments, delineations, and findings reports (for NEPA compliance)
- Requests for Wetlands Jurisdictional Determinations (JD)
- Wetlands restoration design, implementation, and monitoring
- Phase I Environmental Site Assessment (ESA) for hazardous, toxic, and radioactive waste (HTRW) evaluations
- Cultural resource, threatened and endangered (T&E), essential fish habitat (EFH), migratory bird, and other surveys
- Environmental monitoring (seismic and other oil field related activities)
- GIS mapping for other environmental impact analysis

ELOS Environmental, LLC Training

All of our Environmental Scientists have at least B.S. degrees with most also holding M.S. degrees in environmental sciences, biology, or engineering. Accreditations, licenses, and professional training include:

- ASTM Phase I and Phase II Environmental Site Assessments for Commercial Real Estate
- USGS Wetland Remote Sensing & Mapping
- Wetland Rapid Assessment Procedure (WRAP)
- Wetlands Value Assessment (WVA)
- Certified Floodplain Managers
- USCOE Wetland Delineation Training
- Federal Energy Regulatory Commission (FERC) Regulatory Overview and Guidance and Environmental Compliance
- NPDES Certified Erosion Inspector
- NHI Course No. 142005, NEPA and the Transportation Decision Making Process
- American Institute of Certified Planners

Summary of Key Strengths and Competencies

- Wetlands Permitting and Management.
- Coastal Zone Permitting and Management
- Relationships with Permitting and Natural Resource Agencies
- Wetlands Value Assessments (WVA, LRAM, WRAP) and Mitigation Planning.
- Accumulated Mitigation Banking Knowledge

- Biological Surveys
- Ecological Restoration and Protection
- Beneficial Use of Dredge Material