# **DOTD FORM: 24-102**

#### PROPOSAL TO PROVIDE CONSULTANT SERVICES

Prime consultant shall complete the DOTD Form 24-102 without altering the Form's text; however, the instruction and/or guidance for Sections 12 through 23 can be removed but do not remove Section title and number.

ANY CONSULTANT FAILING TO SUBMIT ANY OF THE INFORMATION REQUIRED ON THE DOTD FORM 24-102, OR PROVIDING INACCURATE INFORMATION ON THE DOTD FORM 24-102, MAY BE CONSIDERED NON-RESPONSIVE.

Prime consultant should enter the firm name in the footer at the bottom of this page. (It will carry over to subsequent pages.)

1. Contract title as shown in the advertisement	Contract for Bayou Blue (LA 316) Sidewalks
2. Contract number(s) as shown in the advertisement	Contract No. 4400023783
3. State Project Number(s), if shown in the advertisement	No. H013453
4. Prime consultant name (as registered with the Louisiana Secretary	Quality Engineering & Surveying, LLC
of State where such registration is required by law)	
5. Prime consultant license number (as registered with the Louisiana	EF. 0004011
Professional Engineering and Land Surveying Board (LAPELS) if	VF. 0000645
registration is required under Louisiana law)	
6. Prime consultant mailing address	18320 Hwy 42
	Port Vincent, LA 70726
7. Prime consultant physical address (existing or to be established, if	Same as # 6
location is used as an evaluation criteria)	
8. Name, title, phone number, and email address of prime	Deric J. Murphy, PE, LSI
consultant's contract point of contact	Principal Engineer and CEO
	(225) 698 -1600 / dmurphy@qesla.com
9. Name, title, phone number, and email address of the official with	Same as # 8
signing authority for this proposal	
10. This is to certify that all information contained herein is accurate	Signature (shall be the same person as #9):
and true, and that the team presently has sufficient staff to perform	
these services within the designated time frame. By submitting this	
proposal, proposer certifies that it is not engaged in a boycott of	



Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.	Deric J. Murphy, PE, CSI         Date: 04/06/22
11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advartigement indicate which firm(s) will be used to most	$\frac{\text{Firm}(s)}{s}$
the DBE goal and each firm(s)' percentage	
the DDD goar and each mm(s) percentage.	



#### 12. Past Performance Evaluation Discipline Table:

The only past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other.

Evaluation Discipline(s)	% of Overall Contract	Prime	Firm B	Each Discipline must total to 100%
Road	10%	100%		100%
Traffic CE&I/OV	5%	100%		100%
CE&I/OV	20%	100%		100%
Planning	10%	100%		100%
Survey	50%	100%		100%
Environmental	5%		100%	100%
Percent of Contract	100%	95%	5%	100%



### 13. Firm Size:

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
Quality Engineering and Surveying, LLC	Principal	1	1
	CAD Technician	2	10
	Engineer	2	6
	Pre-Professional	3	7
	Surveyor	2	3
	Technician	1	3
ELOS Environmental	Biologist/Wetlands	2	10
	Environmental Pro	3	11
	<b>Environmental Manager</b>	1	2
	GIS Analyst	2	6



#### 14. Organizational Chart:





#### 15. Minimum Personnel Requirements:

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license / certification & number	State of license	License / certification expiration date
1	Deric J. Murphy, P.E., L.S.I.		PE No. 29602	LA	9/30/2023
2	Deric J. Murphy, P.E., L.S.I.		PE No. 29602	LA	9/30/2023
3	Deric J. Murphy, P.E., L.S.I.		PE No. 29602	LA	9/30/2023
4	Jeffrey Diamond, PLS		PLS 0005186	LA	9/30/2022
5	Jeffrey Diamond, PLS		PLS 0005186	LA	9/30/2022



#### 16. Staff Experience:

Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 14 and/or 15 of the proposal. Résumés of personnel not identified in Section 14 or Section 15 of the proposal should not be included and will not be evaluated. Résumés should be limited to 2 pages per person. Any certificates required by the advertisement are to be placed in Section 20.

Firm employed by Quality Engineering and Surveying, LLC					
Name Deric J. N	Vurphy, PE, LSI			Years of relevant experience with this employer	13
Title Principal	in Charge			Years of relevant experience with other employer(s)	13
Degree(s) / Years	/ Specialization		BS /	1996 / Civil Engineering	
Active registration	n number / state / exp	iration date	2960	02 / LA / 9-30-2023	
Year registered	2001	Discipline	Civil	Engineering	
Contract role(s) / 1	brief description of re	esponsibilities	MPR priva expe vario repol calcu comr impro His ex to pr string	<b>1,2,3</b> Mr. Murphy has designed, drafted, and managed hu te, and public projects, ushering them from conceptual design rience includes design, supervision and general coordination of us civil and municipal projects as well as the preparation of detailerts, technical specifications, contract documents, bid packages, cost lations and field studies. The types of projects he has been assemercial and retail facilities, new sewer systems, highways, drainatovements, pump station design, residential subdivisions and construct projects, thus ensuring that each one meets or example.	ndreds of municipal, a to completion. His f sub-consultants for ed construction plans, t estimates, hydraulic cociated with include age and storm water fuction phasing plans. g agencies allows him ceeds even the most
Experience dates	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , "designed drainage", "designed girders", "designed intersection" at a Experience dates should eaver the time specified in the applicable MPP(c)				
06/2019- 05/2020	Breaux Bridge Manor Drainage Improvements, St. Martin Parish – Instrumental in developing an approach to close down a major traffic route for one week instead of projected two months expected to complete construction of the project. The project removed an existing box culvert that was set at the wrong elevation on Doyle Melancon Road in Breaux Bridge, LA. A large metal span bridge replaced the existing culvert and was set at the appropriate elevation to ensure proper conveyance of water in the drainage area.				
05/2019-05/2021	Pine Bluff Drainage Improvements, Denham Springs, Livingston Parish – Principal Engineer leading the engineering and survey team to complete an H&H study and analysis before beginning the road elevation and cross drain culvert installation during this project to reduce roadway inundation occurrences.				
06/2017-08/2021	Whispering Springs Subdivision, Livingston Parish – Located in Livingston Parish, a 986-lot new development created a need for road widening to include left and right turn lanes at the site access. QES also did the survey work, landscape and planning, as well as infrastructure design. D.R. Horton tasked Mr. Murphy and QES with survey, master planning, grading and infrastructure design, and construction administration.				



08/2017-05/2021	Bellacosa Subdivision, East Baton Rouge Parish –
	Bellacosa Subdivision is a D.R. Horton residential development in East Baton Rouge Parish. Mr. Murphy has overseen this project since QES took
	over after the completion of the first filing. QES designed the grading and infrastructure which includes drainage systems, sanitary sewer systems,
	and roads. Most of this design was done through master planning and coordination through City of Baton Rouge. This includes working with the
	City of Baton Rouge Subdivision office, Planning Commission, and Department of Environmental Services.
09/2010-06/2017	Keystone of Galvez, Ascension Parish –
	Keystone of Galvez is a residential subdivision located in the northern portion of Ascension Parish. QES was responsible for the horizontal and
	vertical alignments, paving design, storm water detention facilities, sanitary sewer pump stations, grading, erosion control plan, and storm water
	pollution prevention plan. Mr. Murphy was instrumental in the implementation of this project as a whole and overseeing each aspect.
01/2014-07/2017	Lake Villas Subdivision, East Baton Rouge Parish –
	Lake Villas is a 191-lot residential subdivision located in East Baton Rouge Parish. Mr. Murphy led the team as QES designed and provided
	construction documents that included grading plans, horizontal and vertical alignments for over 5,400 linear feet of roads, storm drainage and
	sanitary sewer along with erosion control plans, drainage calculations and drainage impact study.
05/2019-05/2021	Pine Bluff Drainage Improvements, Denham Springs, Livingston Parish –
	Principal Engineer leading the engineering and survey team to complete an H&H study and analysis before beginning the road elevation and cross
	drain culvert installation during this project to reduce roadway inundation occurrences.



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Firm employed b	y Quality Engineeri	ng and Surveyir	ig, LL		
Name Jay LeBlanc Jr., PE				Years of relevant experience with this employer	1
Title COO, Se	nior Engineer			Years of relevant experience with other employer(s)	21
Degree(s) / Years	s / Specialization		<b>BS/</b> 1	1997/Civil Engineering	
Active registratio	n number / state / exp	iration date	PE, I	LA #30566 / 3/31/23	
Year registered	2003	2003 Discipline Civil Engineering			
Contract role(s) / brief description of responsibilities Jay Leblanc is the Chief Operating Officer at QES. Mr. LeBlanc has over 22 years of experience in project management, civil design, and environmental services. Most receiv he was responsible for managing and leading office engineers and designers focusing or utilization, forecasting, and mentoring. After graduating from LSU in civil engineering in 1997, he has worked for both local and national level firms, gaining a wide range of knowledge associated with commercial site design. As a project engineer and manager, Leblanc has experience on multiple road and dredging projects, a multi-story parking ga new airport terminal facility, multiple sanitary sewer lift stations, port bulkhead project well as experience with environmental projects such as subsurface site investigations, groundwater sampling, and landfill quality assurance/guality control			22 years of vices. Most recently, gners focusing on vil engineering in vide range of eer and manager, Mr. i-story parking garage, bulkhead projects, as e investigations,		
Experience dates	verience dates Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed			d girders", "designed	
(mm/yy-mm/yy)	intersection", etc. I	Experience dates	s shou	ld cover the time specified in the applicable MPR(s).	
2018-19	LADOTD – Stage 0 Feasibility Studies and Stage 1 Planning and Environmental Studies Project Manager Managed Stage 1 Planning and Environmental Studies for an 8-mile portion of LA 447 in Livingston Parish, LA, and for the Future I-49 South (Raceland to Westbank Expressway) in Jefferson, Lafourche, and St. Charles Parishes, LA. Services include Line and Grade Study, Environmental Assessment, and Conceptual Design. Managed Stage 0 Feasibility Studies for LA 384 between Big Lake Road and McNeese Street (LA 3186) in Lake Charles, LA and for LA 328 corridor between Latiolais Drive and Julie Street, as well as to the LA 328 interchange with I-10 in Breaux Bridge, LA. Services included examining the feasibility of making capacity and mobility improvements.				
2005-06	2005-06 FEMA Individual Assistance - Technical Assistance Contract: Oversaw statewide property feasibility assessment for both group and individual housing solutions of displaced residents resulting from Hurricanes Katrina and Rita. Managed assessment process of 35,000 individual properties including over 200 engineers, technicians, and support staff, for potential group and individual housing. Coordinated assessment process with USACE to ensure quality control of preliminary site selections. Reported and tracked daily field activity by utilizing real-time web-based tools. Coordinated screening, hiring, and training of potential assessors.				
2006- 2008	Baton Rouge Metropo	litan Airport Parki	ing Ga	rage:	



Phase III (\$10M)Design for a new five-story parking garage facility at the Baton Rouge Airport. Other design components included a new 150
foot covered pedestrian walkway and a new access roadway. Project Manager – managed the design of the new parking garage and other
design components. Managed architectural, structural, mechanical, electrical, and civil design components. Tracked schedule and design
progress plus maintained regular coordination with the client. Responsible for approval of sub-consultant invoices and invoices to
client. Managed construction administrative tasks including review of RFI's and submittals, review of contractor pay application and
progress submittals, and periodic site inspections for compliance with bid documents.



Firm employed by Quality Engineering and Surveying, LLC						
Name William Purser, PE			Years of relevant experience with this employer	9		
Title	Engineer	ing Department Ma	nager		Years of relevant experience with other employer(s)	19
Degree(	s) / Years / :	Specialization		BS /	1994 / Civil Engineering	
Active re	egistration r	number / state / expira	ation date	2935	57 / LA / 9-30-2022	
Year reg	istered	2001	Discipline	Civil	Engineering	
Contract role(s) / brief description of responsibilities Mr. Purser has over twenty years of increasing responsibility in Civil Engineering a Works projects in Tennessee, Mississippi, Louisiana, Texas, and Alabama. N demonstrates excellent skills in engineering, project design, cost estimation, and within tight budgets and timelines. As an experienced project manager, he responsible for seeing multiple projects through from initial surveys and planning t and completion. Mr. Purser has extensive experience across core civil engineering of readues/(transportation_drainage_water_line_end_site_design)		ngineering and Public Alabama. Mr. Purser mation, and working mager, he has been d planning to final bid ngineering disciplines				
Experier	xperience dates Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , "designed drainage", "designed girders", "design			girders", "designed		
(mm/yy-	-mm/yy)	intersection", etc. E	xperience dates s	hould	cover the time specified in the applicable MPR(s).	
(06/2019	05/2020) <b>Breaux Bridge Manor Drainage Improvements, St. Martin Parish</b> – Mr. Purser is the Senior Engineer on this project. His role includes overseeing the drainage study and recommendations. QES was selected to complete the studies and design of the Breaux Bridge Manor Drainage Improvement project. A study of 603 acres was completed. The project will remove an existing box culvert that is set at the wrong elevation. 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.					
05/2019-	15/2021 Pine Bluff Drainage Improvements, Livingston Parish – Mr. Purser led the engineering team at QES in the drainage improvement project at Pine Bluff Road in Livingston Parish. He oversaw the environmental engineering, design and construction administration, feasibility study, geotechnical investigation, and the H&H study aspects of the project.					
06/2019	- 12/2020	West David Drive Drainage Improvement, Tangipahoa Parish – Mr. Purser oversaw and led the completion of QES's responsibilities for the West David Drive project, which included a hydrologic study and provide plans for the installation of a new subsurface system along West David Drive, cleaning of outfall ditches and regrading of the pavement to the appropriate slope.				
08/2017	08/2017 – 05/2021       Bellacosa Subdivision, East Baton Rouge Parish –         Bellacosa Subdivision is a D.R. Horton residential development in East Baton Rouge Parish. Mr. Purser has overseen this project since QES took over after the completion of the first filing. QES designed the grading and infrastructure which includes drainage systems, sanitary sewer systems, and roads. Most of this design was done through master planning and coordination through City of Baton Rouge. This includes working with the City of Baton Rouge Subdivision office, Planning Commission, and Department of Environmental Services.					
11/2006-	6-02/2010 Audubon Bridge, West Feliciana Parish, LA – Mr. Purser was the Civil Engineer on this project with a previous employer. Provided design and analysis of storm drainage for the preliminary designs for the two and four lane roadways as well as final design for the two-lane roadway. Also, provided and designed culverts for the temporary construction road. Designed the relocation of the water					



	line at the intersection of the new roadway with U.S. 61
2010 - 2013	LA-1 to I-10 Connector Roadway, West Baton Rouge Parish, LA –
	Responsible for preliminary 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 the new roadway, drainage design, and alignment of a new bridge across the Gulf Intercoastal Waterway,
	and flyover ramps where the connector ties into LA 1. Estimated project cost: \$130 – \$147 million.
04/2010 - 10/2013	I-10 Widening from Highland Road Interchange to LA 73 Interchange –
	Project consists of providing pre-construction services, including 30% Preliminary Roadway and Bridge design plans to allow for the potential of
	a Design-Build Project to widen I-10 from 2 lanes in each direction to 3-lanes in each direction (6 lanes total). Project work includes roadway
	design, and assist in supervision of sub-consultants, including geotechnical, surveying, and subsurface utility engineering (SUE). Also responsible
	for schedule and flow of all design fees to the sub-consultants, consistent with accomplishment of the price centers.
04/2010 - 10/2012	I-12 Design-Build Widening from O'Neal Lane to Pete's Highway –
	Mr. Purser was 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 completed in 2012. Estimated project cost: \$70 million.
Completed 10/2012	I-12 Stage 0 Feasibility Study and Environmental Inventory –
	for increasing capacity on 72 miles of I-12, from LA 447 in Walker, LA, to the I-10/I-59 interchange in Slidell, LA – Responsible for preliminary
	study, including site investigation, and review of draft documents
Completed 6/2013	I-10 Design-Build Widening from Siegen Lane to Highland Road (3 miles), Baton Rouge, LA –
	was responsible for providing assistance on various design units, including roadway, patching, retaining walls, drainage, maintenance of traffic,
	and clearing & grubbing. Responsibilities also included meeting with the contractor as needed to ensure proper coordination and to assist with
	As-built drawings. Estimated project cost: \$60 million.
2007-2008	I-12 / U.S. 11 interchange, St. Tammany Parish, LA;
	analysis and design of the storm drainage system associated with the interchange improvements.



Firm employed by	Quality Engineering and Surveying, LLC
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This employed by quality Engineering and barveying, Lee							
Name Rebecca B. Lala, PE, PTOE				Years of relevant experience with this employer	2		
Title Traffic	Engineer			Years of relevant experience with other employer(s)	19		
Degree(s) / Yea	rs / Specialization		BS /	1999 / Chemical Engineering			
Active registrat	ion number / state / exp	piration date	3178	31 / LA / 9-30-2023			
			PTO	E: 2282 / LA / 05-2023			
Year registered	2005	Discipline	Civil	Engineering			
Contract role(s) / brief description of responsibilities			<b>MPR 4</b> ; Rebecca has 19 years of traffic engineering experience performing traffic studies using traffic modeling software such as HCS, Sidra, VISSIM, Synchro and Vistro. Her pedestrian and crosswalk design experience includes replacement of all traffic signs and pavement markings along the Tammany Trace, a shared-use path extending throughout St. Tammany Parish, including the upgrade of crosswalks at over 70 at-grade roadway crossings, along with the evaluation and recommendation of change in traffic control at several locations along the 31-mile multi-use path. Becky has performed countless traffic studies throughout her career including, but not limited to, subdivisions, shopping centers, gas stations, convenience stores, fast-food restaurants, banks, car washes and multi-use developments. Planning level traffic study experience includes safety studies, feasibility studies and corridor studies, meeting LaDOTD and FHWA requirements where applicable. She has previous experience as a Parish Traffic Engineer, where she had the opportunity to apply Access Management principles and techniques in several projects throughout her career, including projects implemented as part of the American Recovery and Reinvestment Act of 2009 (ARRA) in partnership with LaDOTD.				
Experience dates (mm/yy– mm/yy)	intersection", etc.	Experience date	s shou	Id cover the time specified in the applicable MPR(s).	girders", "designed		
06/2013 – 10/2014	Tammany Trace Res of striping and signa upgrades brought th guidelines. Upgrade including changes in	Tammany Trace Restriping and Signage Upgrades, St. Tammany Parish, Louisiana: project manager and traffic engineer for design of striping and signage upgrades on the Tammany Trace, a shared-use path that extends throughout St. Tammany Parish. The upgrades brought the Trace up to compliance with the Manual on Uniform Traffic Control Devices (MUTCD) and current pedestrian guidelines. Upgraded crosswalks at all intersections where the Trace crosses roadways throughout the Parish were required, including changes in traffic control at several locations. Client: St. Tammany Parish (STP).					
04/2003 – 10/2014	Traffic Engineer and Projects that were o Orleans Regional P improvements, road submitted by consult valid traffic counts, p Parish to recommen and requirements, in control design at inte all applications for sub-	Traffic Engineer and Project Manager for St. Tammany Parish, Louisiana: Coordinated with outside consultants on all Parish Road Projects that were ongoing to ensure timely implementation and sufficient design. This included coordination with LaDOTD, New Orleans Regional Planning Commission (NORPC) and local municipalities. Projects included roadway capacity, intersection improvements, roadway safety assessments (RSA) and installation of roundabouts. Reviewed Traffic Impact Analyses (TIA's) submitted by consultants. Ensured proper traffic engineering practices, access management principles, proper analysis procedures, valid traffic counts, proper trip generations and trip distributions were utilized. Performed VISSIM modeling for several areas in the Parish to recommend roadway improvements and model future conditions. Federally funded projects followed federal guidelines and requirements, including those included in the American Recovery and Reinvestment Act of 2009 (ARRA). In charge of all traffic control design at intersections throughout the Parish. Managed all aspects of the traffic engineering program, including reviewing all applications for subdivisions and commercial building permits to ensure plans complied with safe and effective traffic practices					



	and Parish, State and Federal regulations where applicable, including ADA compliance. Completed LaDOTD Local Public Agency
	(LPA) Qualification Training (Core, CE&I and PPFAD).
07/2020-09/2020	<b>Tommy King Road reconstruction, Prairieville, Louisiana:</b> Designed reconstruction of roadway to meet Ascension Parish standards.
	Roadway was approximately 17 feet wide. Design included widening both travel lanes to 10-foot wide with 4-foot shoulders.
	Preliminary and final plans were prepared.
07/2020-09/2020	LA 931 at Tommy King Road, Prairieville, Louisiana: Designed geometrics and striping for turn lane into subdivision. Responsible
	for obtaining all DOTD permitting. Preliminary and final roadway plans were prepared to DOTD standards.
07/2020-08/2020	LA 445 at I-12 Eastbound off-ramp, Robert, Louisiana: Designed geometrics and striping for turn lane on I-12 off-ramp onto LA 445.
	Responsible for obtaining all DOTD permitting. Preliminary and final roadway plans were prepared to DOTD standards.
06/2020-08/2020	LA 22 at Cypress Reserve Blvd, Ponchatoula, Louisiana: Designed geometrics and striping for turn lanes into subdivision.
	Responsible for obtaining all DOTD permitting. Preliminary and final roadway plans were prepared to DOTD standards.
06/2020-08/2020	LA 445 at Cypress Reserve subdivision, Ponchatoula, Louisiana: Designed geometrics and striping for turn lane into subdivision.
	Responsible for obtaining all DOTD permitting. Preliminary and final roadway plans were prepared to DOTD standards.
06/2020-08/2020	LA 964 at Lake Haven subdivision, Zachary, Louisiana: Designed geometrics and striping for turn lanes into subdivision. Responsible
	for obtaining all DOTD permitting. Preliminary and final roadway plans were prepared to DOTD standards.
06/2020-08/2020	LA 16 at Fairlane Drive right turn lane, Denham Springs, Louisiana: Designed geometrics and striping for turn lane into local road.
	Responsible for obtaining all DOTD permitting. Preliminary and final roadway plans were prepared to DOTD standards.
06/2020 – present;	Various Traffic Studies, Louisiana: Work as a Traffic Engineer performing several traffic impact analyses (TIA's) for commercial and
10/2014-09/2018	residential developments throughout the State. Each TIA is performed using HCS, Vistro, and/or Sidra as applicable. Analysis
	includes turn lane warrants, signal warrants, safety assessments and capacity analysis for stop controlled, signal controlled and
	roundabout intersections. Analyze and design traffic signals for proposed access to developments as well as existing intersections
	where signal upgrades are required. Perform traffic signal timing optimization and synchronization for existing and proposed
	signalized intersections. Traffic Engineering requirements and guidelines per LaDOTD are followed.



Firm employed by Quality Engineering and Surveying, LLC							
Name	Michae	Petty, PLA, CLarb			Years of relevant experience with this employer	4	
Title	Landsca	pe Architect/Project	Manager		Years of relevant experience with other employer(s)	28	
Degree(	(s) / Years	s / Specialization		B.S.	/ Plant Science / Univ. of Tennessee		
				Mas	ter of Landscape Architecture / LSU		
Active 1	registratio	on number / state / exp	iration date	Prof	essional Landscape Architect / Louisiana No. P-259		
				Cour	ncil of landscape architectural registration board certified		
Year reg	gistered	2014	Discipline				
Contrac	t role(s) /	brief description of re	sponsibilities	Mr. F	Petty has almost 25 years of experience providing planning, designi	ng,	
				lands	scape architecture, project management and consulting. He receive	ed his	
				mast	er's degree in Landscape Architecture in 2012 from Louisiana State	University.	
				He holds licenses in Texas, Arkansas, Oklahoma, Mississippi, Alabama, Tennessee,			
				and Kentucky. Since joining the team at QES, Mr. Petty has been absolutely			
<b>.</b> .	1.		1.0 1	instr	umental in the quality, creativity, timeliness, and excellence of our	work.	
Experie	nce dates	Experience and qua	alifications rele	evant 1	to the proposed contract; <i>i.e.</i> , "designed drainage", "designe	d girders",	
(mm/yy	/_mm/yy	"designed intersecti	on", etc. Expe	rience	dates should cover the time specified in the applicable MPR(	s).	
		Baton Rouge Downto	own Greenway,	North	Boulevard Promenade, Baton Rouge, LA (Recipient of the 2019 LC	CASLA	
		President's Award of	Excellence)				
		-					
		The first phase of a	2.75 mile inter	conne	ected network of bike/pedestrian pathways, North Boulevard		
02/15 -	12/17	Promenade consists	s of a concrete	bicycl	e path, with adjacent decomposed granite pedestrian "garde	n″	
		pathway. The \$3 mi	llion project w	as con	npleted as a joint venture between Baton Rouge-based Reich		
		Associates and the	Austin office o	f Desig	n Workshop. Bicycle parking, repair stations, site furniture, a	nd a	
		fitness station roun	ds out the pro	gramn	ning elements of the project. Both LADOTD transportation		
		enhancement and F	HA grant fund	ing wa	as utilized by the City and DDD to bring the project to fruition.		



	The Water Campus Streetscape and Roadway Improvements, Baton Rouge, LA
04/17 - 04/18	As a part of the overall master plan for the Water Campus, the major campus road network was improved, including the construction of a new central roadway, Water Street, which serves as a central spine of the campus leading to the iconic Center for Coastal & Deltaic Solutions, perched on the levee of the Mississippi River. The project, completed with Reich Associates, in conjunction with Stantec, was a joint venture between the City/Parish and Commercial Properties Real Estate Trust. The project included integrated stormwater elements within the roadside planting beds, a new street canopy of large, shade-producing trees, as well as decorative crosswalks and paver elements to enhance the pedestrian experience and create a sense of place.
	Pigeon Forge Greenway, Phase III (Pigeon Forge, TN)
04/06 – 06/09	Part of a 6 mile trails that allow pedestrians and cyclists to move along the scenic West Prong of the Little Pigeon River and by key destinations such as the LeConte Center at Pigeon Forge and through The Island in Pigeon Forge, a shopping destination sitting on an island within the River. BWSC worked with City officials to develop a public-private agreement to share costs of the project. Siting of the trail for maximum views, with seating overlooks were critical to the success of the project. Several bridge crossings were created to circulate users from the Parkway to destinations along Teaster Lane. New Parking facilities were developed along with multiple trailheads to allow multiple options to enter the trail network.



Firm employed by Quality Engineering and Surveying, LLC



Name	Name Andrew Robichaux			Years of relevant experience with this employer	4	
Title Project Manager / CAD				Years of relevant experience with other employer(s)	5	
Degree	(s) / Years	/ Specialization	Curr	ently enrolled in degree courses; Construction Managemen	t and Engineering	
Active	registration	n number / state / expiration date				
Year re	gistered	Discipline				
Contrac	ct role(s) / ]	brief description of responsibilities	Andr	ew is a junior engineer who has designed and produced quality co	nstruction plans for	
			resid	ential and commercial projects across south Louisiana. Previously,	, he was a member of	
			surve	ey crews that specialized in hydrographic and topographic surveys	. He is trained and	
			alwa	ys willing to learn more about Autodesk and it's various CAD softw	/are programs.	
Experie	ence dates	Experience and qualifications relev	vant t	o the proposed contract; <i>i.e.</i> , "designed drainage", "designed	l girders", "designed	
(mm/yy	/-mm/yy)	intersection", etc. Experience dates	s shot	Ild cover the time specified in the applicable MPR(s).		
7/3	2017	City of Tallulah, Ethel Street Drainag	e Imp	rovement		
		Hydraulic and Hydrologic Study to de	termi	ne a solution to the drainage problems in the area. In addition, it	appears as though	
		subsurface drainage systems located	near	Ethel Street were not being used to maximum capacity. Design o	f repair to drainage	
		structures adjacent.				
09/202	1-1/ 2022	Windermere Crossing				
		A residential project in Ascension par	ish co	mprising of 103 lots.		
		Role: designing the entire subdivision	from	centerline of roads, storm drainage systems, sanitary sewer, gra	ding operations and	
		mitigation calculations for project				
9/2023	1-1/2022	Cannon Road East-West Corridor Im	prove	ments		
		A transportation improvement project	ct on (	Cannon Road. The project stretches from the intersection of LA 4	4 and Cannon Road	
		to the intersection of Ascension High	way 9	32 and Cannon Road. Improvements including mill and overlay o	perations, widening	
		of existing roadway, regrading of road	dside	ditches and extension of drainage systems.		
		Role: full design from concept to DOT	D per	mit		
1/ 202	0-4/2020	Waters Cove				
		A residential project in the City of Go	nzales	s comprising of 55 lots. This project also included a mill and overl	ay operation on S.	
		Ida Avenue for the connection into th	he subdivision.			
		Role: designing the entire subdivision	n from centerline of roads, storm drainage systems, sanitary sewer, water utility services,			
		ons for project.				



1/2021-5/2021	Heron Pointe						
	A residential project in the East Baton Rouge comprising of 53 lots. This project required coordination with BREC to make						
	connection to existing sewer system in the property and storm drainage to Jack's Bayou.						
	Role: designing the entire subdivision from centerline of roads, storm drainage systems, sanitary sewer, grading operations and						
	mitigation calculations for project.						



Firm employed by Quality Engineering and Surveying, LLC						
Name Jeffrey D	iamond, PLS			Years of relevant experience with this employer	2	
Title Survey N	lanager			Years of relevant experience with other employer(s)	17	
Degree(s) / Years	/ Specialization		Bach	elor's Interdisciplinary Science; Surveying, Geography		
Active registration	n number / state / exp	iration date	PLS,	Louisiana #0005186		
Year registered	2017	Discipline	Surv	eying		
Contract role(s) / I	brief description of re	esponsibilities	•	MPR 4,5		
			•	BS Engineering pending (estimated completion 2022)		
			•	Previous to joining QES to lead survey department, served as: Sr.	Civil Designer; Sr.	
				Party Chief; Supervising Professional and Chief Land Surveyor		
			•	Expertise and experience in commercial and industrial site develo	pment (horizontal	
				and vertical control network, topographic and boundary survey	rs, as-built survey,	
			geometric design, H&H analysis, Utility placement, regulatory compliance, plan			
			development, construction layout, construction administration, inspections, quality			
Experience dates	Europianas and au	lifications relat	root to	control surveys.	airdara" "dagianad	
(mm/yay mm/yay)	interspection" ato 1	Experience date	ant it	Id action the time specified in the applicable MPP (s)	girders, designed	
	Bollacosa Subdivisio	Experience dates		A cover the time specified in the applicable MPR(s).		
2019	New total subdivision	n with amenities	Sever	al hundred premier homes created on raw land <sup>,</sup> topographic hou	ndary surveys: lot	
	staking: civil design	surveying service	s and	project management during civil design and construction.	nuary surveys, lot	
	otaking, otti acoign, t		.o, and			
2019	Whispering springs,	Subdivision, Wal	ker, L/	A		
	New total subdivision	n with amenities.	Sever	al hundred premier homes created on raw land; topographic, bou	ndary surveys; lot	
staking; civil design, surveying servic				project management during civil design and construction.		
Ongoing	Pelican Crossing Sub	division, Gonzale	es, LA			
	New total subdivision with amenities. Several hundred premier homes created on raw land; topographic, boundary surveys; lot					
	staking; civil design, surveying services, and project management during civil design and construction.					



Firm employed by	Quality Engineering and Surveying, LLC	
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Name Gage Spell, LSI					Years of relevant experience with this employer	7	
Title	Survey T	echnician			Years of relevant experience with other employer(s)	2	
Degree(s	s) / Years / :	Specialization		BS /	2017 / Physical Geography, minor in Survey		
Active re	egistration r	number / state / expirat	tion date	686/	LA / 3-31-2021		
Year reg	istered	2018	Discipline	Land	Survey Intern		
Contract	: role(s) / br	ief description of respo	onsibilities	Mr. S	pell graduated from Louisiana State University in December 2017 v	with a	
				Bach	elor of Science in Physical Geography and a Minor in Surveying. Sin	ce being	
				part o	of the QES team, Mr. Spell has been the field inspector for many pr	ojects that	
				have	consisted of topographic surveys, hydrographic surveying locating		
				geote	echnical boring locations and identifying and locating existing utility	/ and	
				impro	ovement locations. Mr. Spell is a Land Surveying Intern in Louisiana	with 3	
				years	s in construction. He has 5 years of experience in surveying and civi	l Jiana for	
				Living	reening. Mr. spen has experience in hazard mitigation work in Louis		
				impro	pyements for area damaged by the August 2016 flood. He oversees	the drone	
				flying for inspection, volumetric survey, and worksite survey.			
Experience dates Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , "designed drainage", "designed girders", "designed girders", "designed drainage", "designed girders", "designed girders", "designed drainage", "designed drainage", "designed girders", "designed drainage", "designed girders", "					, "designed		
(mm/yy-	-mm/yy)	intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).					
03/2017-	03/2020	Bayou Portage Guidry	, Breaux Bridge	e, St. N	1artin Parish		
		Mr. Spell served as a s	survey technicia	n on tł	ne Bayou Portage Guidry Project. A much larger study has been con	npleted	
		and the resulting desi	gn plans are bei	ng fina	lized to provide drainage improvement along a 5 mile stretch of Ba	ayou	
		Portage Guidry begin	ning at the term	inatior	n of the mitigation project for Breaux Bridge Manor. With the chan	nelization	
		improvements and ca	pacity and conv	eyance	e efficiencies achieved, St. Martin Parish will improve the conveyan	ce and	
		сарасіту сараріїту аю	ong with improv	ing dra	inage for a 25 square mile area of the Parish.		
05/2018-	05/2021	Highway 1033 Draina	ge Improvemer	nt, Livir	ngston Parish		
		Mr. Spell served as a s	survey technicia	n on th	ne Highway 1033 Drainage Improvement Project. The project calls i	for the	
		demolition, construct	ion and elevate	a new	concrete bridge on concrete pilings on Highway 1033 in Livingston	Parish,	
		Louisiana. The new pr	idge Will be 130		ong and 26 feet wide with a deck elevation at 22.75 feet. In addition	n, the	
		Parish proposes to an	nor ooo intear i	eet up	stream of the LA Hwy 1055 bridge.		
04/2012-	05/2017	Breaux Bridge Manor	, St. Martin Par	ish			
	Mr. Spell served as a survey technician for the Breaux Bridge Manor project, which removed an existing box culvert which					lvert which	
	was set at the incorrect elevation along Doyle Melancon Road in Breaux Bridge, LA. The study called for the design and					sign and	
	installation of a larger culvert to replace the existing culvert which-set at the appropriate elevation.						



06/2012-08/20	19 Boudreaux to Gilmore Drainage Improvements, St. Mary Parish –
	The Boudreaux Street to Gilmore Drive Drainage Improvements project is converting a 1,117 lineal feet earthen ditch into a subsurface drainage system that currently backs up and causes water to pond in a residential subdivision in which
	houses flood on a regular basis. The project also includes replacing the existing pump station which moves water through
	this conveyance facility with a newer pump station with a significant increase in capacity, ensuring the drainage issues
	impacting the residential neighborhood which Boudreaux Street and Gilmore Street provide the ingress and egress for
	during heavy rain and flooding events.
	Colyell Creek Drainage Improvement, Livingston Parish
	For this drainage improvement project, Mr. Spell flew the drone to assess the existing conditions of the creek, assessing
	the channel for blockage sand collecting data for both the study and improvement of the creek.
	Jesuit Bend Drainage Improvements, Plaquemines Parish, LA
	Mr. Spell acted as a field inspector and corrected drawings for this project. QES secured funding from GOSHEP/FEMA to
	complete designs, studies and surveys of the area to improve drainage in the Jesuit Bend area on Highway 23. The
	than 60 acres were completed
	than bo acres were completed
	Pine Bluff Road Drainage Improvements
	Mr. Spell identified that Pie Bluff Rd was several feet below base flood elevation. This elevation promoted flooding and
	restricted access to traffic and the several hundred homes at the end of the road.
<u> </u>	Grays Creek Drainage Improvements, Livingston Parish
	QES provided surveying and engineering services for a drainage improvement project for Gray's Creek. At approximately
	18 miles, Gray's Creek I s the largest drainage project to be undertaken in Livingston Pris. R. Spell flew the drone down
	sections of the creek to examine the existing conditions and keep up with the progress of the work.



Firm employed by Quality Engineering and Surveying, LLC								
Name	Jamie Bo	rdelon, PLS		Years of relevant experience with this employer	10			
Title	Professio	onal Land Surveyor		Years of relevant experience with other employer(s)	8			
Degree(s	s) / Years / :	Specialization	BS /	2002 / Geomatics				
Active re	egistration r	number / state / expiration date	4977	7/ LA / 3-31-2022				
Year reg	istered	2007 Discipline	Prof	essional Land Surveyor				
Contract role(s) / brief description of responsibilities			Jamio in tu proje mana In ac work conti	Jamie 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, he also helps manage a workflow of smaller, shorter-term municipal and commercial site projects for architects, contractors and engineers.				
Experien	o the proposed contract; <i>i.e.</i> , "designed drainage", "designed	girders", "designed						
(mm/yy-	-mm/yy)	intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).						
07/2013-	- 07/2014	Ascension Parish Principal Land Surveyor managing surveying and permitting operations including boundary, topographic, subdivision, and construction layout for 160+ acres residential PUD type development in Ascension Parish. Tasks included field crew management, process and review utility as-builts, LOMA/LOMR, road and utility layout supervision, preliminary boundary surveys, and final plat						
07/2010-	- 03/2012	Plank Road – Kleinpeter Road Capaci Project Manager and Surveyor provid way maps for land acquisition through Parish. Fieldwork included evaluation	ing oven appro of ma	provement Project, Baton Rouge, East Baton Rouge Parish erall project coordination and surveying. He completed route surve oximately 25,000 linear feet of sewer capacity improvement corrido ajor thoroughfares and routes throughout Baton Rouge.	ey to produce right of r in East Baton Rouge			
08/2011-	- 05/2012	Sherwood – Goodwood Blvd. Pipeline Capacity Improvement Project, Baton Rouge, East Baton Rouge Parish Managed the topographic and design surveying for approximately 28,000 linear feet of sewer capacity improvement in East Baton Rouge Parish. His duties included managing field crews. OA/OC of survey control, and utility coordination.						
1/2	2022	State Project No. H.013251: LA-114 X	(-Drain	n Replacement West of Hessmer				
11/	/2021	State Project No. H.002381: LA-43 Creek Bridge near Albany (Albany, LA) Client: KCR Construction						
5/2	2021	State Project No. H.009956: LA-44 Int Client: KCR Construction	tersec	tions (Gonzales, LA)				



5/2017	State Project No. H.002896: US 90 Frontage Rd. Drain Bridge Near Jeanerette (Jeanerette, LA) Client: Merrick Construction
12/2015	East Baton Rouge City Parish Project No. 13-CS-CI-0060: Antioch Rd. Realignment (Baton Rouge, LA) Client: Merrick Construction.



Firm en	ployed by	y ELOS Environmer	ntal, LLC	<b>EL</b>	)S <sup>r</sup>			
Name	Lucas W	atkins			Years of relevant experience with this employer	15		
Title	Presider	nt/Environmental Scie	entist		Years of relevant experience with other employer(s)	7		
Degree(	s) / Years	/ Specialization		MS,	2005, Biological Sciences			
				BS, 2	000, Forest Management			
Active r	egistratio	n number / state / exp	iration date	N/A				
Year reg	gistered	2010	Discipline	Envii	ronmental Scientist / Arborist			
Contrac	t role(s) /	brief description of re	sponsibilities	Princ	ripal			
				Luca	s Watkins is the President and founding Principal of ELC	OS. His experience		
				inclu	des environmental regulatory compliance and project	management. This		
				includes the management of large-scale, multi-faceted projects, such as disaster				
				recovery debris removal efforts, wetland restoration implementation, government				
				grant management, and complex construction projects. Mr. Watkins serves as the				
				quality control manager overseeing all projects to ensure that the client's needs are				
				met in a timely and cost-efficient manner.				
Experie	nce dates	Experience and qua	lifications rele	vant to	the proposed contract; i.e., "designed drainage", "designed	girders", "designed		
(mm/yy	-mm/yy)	intersection", etc. I	Experience date	s shou	ld cover the time specified in the applicable MPR(s).			
20	017	LA 3234 EXTENSIONS	TO HAMMONE	AIRPO	DRT ENVIRONMENTAL ASSESSMENT			
	Mr. Watkins acted as the principal in charge of overseeing this project providing guidance along the way.							
2017	2017 – 2018 I-10 HIGHLAND TO LA 73 DESIGN BUILD							
Mr. Watkins was the principal on this project overseeing all aspects of the project to ensure efficiency and quality work.						ality work.		
2017 -	2017 – Present MOVE ASCENSION							
		Mr. Watkins oversees	ELOS staff to p	erform	the wetland delineations, as well as cultural resource field investi	gations. Mr. Watkins		
has also assisted Mr. Prather and ELOS team with permitting for all roadway permits as part of the Move Ascension project.								



Firm employed by ELOS Environmental, LLC				<b>ELO</b>	S.			
Name	James "J	ay" Prather III			Years of relevant experience with this employer	16		
Title	Vice Pres	ident/Environment	al Scientist		Years of relevant experience with other employer(s)	6		
Degree(	(s) / Years	/ Specialization		BS, 2	2005, Biology			
Active 1	registration	number / state / exp	piration date	N/A				
Year reg	gistered	N/A	Discipline	N/A				
Contract role(s) / brief description of responsibilities			esponsibilities	Prince Jame year gove man sens disas proje <b>thro</b> <b>is ne</b>	Principal James "Jay" Prather III, Vice President and co-founding Principal of ELOS, has over 20 years of experience as a professional consultant. Mr. Prather is experienced in government grant management as well as large-scale program and project management, and has extensive experience permitting complex, and often time sensitive projects such as bypass and toll roads, large-scale residential developments, disaster recovery debris removal efforts, and governmental infrastructure expansion projects. Mr. Prather serves as an experienced consultant guiding personnel through complex permitting projects and working with clients to determine what			
Experie	nce dates	Experience and qu	alifications rele	vant to the proposed contract; <i>i.e.</i> , "designed drainage", "designed girders", "designed				
(mm/yy	<u>/-mm/yy)</u>	intersection, etc.	Experience date	es snot	ind cover the time specified in the applicable MPR(s).			
2017-	Present	Mr. Prather provides as part of the Move	s his input and ex Ascension projec	pertise :t.	to the environmental scientists at ELOS to assist with permitting fo	or all roadway permits		
2016 - Present NEW ORLEANS TO VENICE (NOV)–NON-FEDERAL LEVEES (NFL) DRAINAGE IMPROVEMENTS SEA #537 AND PERMITTING Mr. Prather has assisted with monitoring the tasks performed which have included T&E surveys, delineations and assessments jurisdictional wetlands, habitat characterizations, and environmental impact analyses. Mr. Prather, along with the ELOS tea prepared a draft Environmental Assessment (EA) and ran the Wetlands Value Assessment model (WVA) to calculate Average Annu Habitat Units (AAHUs) to be used in the mitigation process. Mr. Prather has also worked closely with ELOS staff to conduct routi conversations with the USACE and other state and federal agencies to discuss any needed information to ensure the project is bei performed efficiently.								
2015	2015 – 2018 ST. TAMMANY DRAINAGE SYSTEM MAINTENANCE AND UPGRADE PERMITTING Mr. Prather oversaw all of the technical and regulatory work throughout the process of this project.							



Firm employ	yed by ELOS Environmental, LLC	OS		
Name Bria	an Fortson	Ye	ears of relevant experience with this employer	6
Title Ser	nior Environmental Scientist	Ye	ears of relevant experience with other employer(s)	25
Degree(s) /	Years / Specialization	Juris Do	ctorate, 2006, Civil cum laude	
		BS, 1995	, Wetland Ecology	
Active regist	tration number / state / expiration date	N/A		
Year register	red N/A Discipline	N/A		
Contract role	e(s) / brief description of responsibilities	Environn	nental / Permit Specialist	
		Mr. Fort	son has years of experiencing working with regulato	ory agencies and
		navigatir	ng the permitting process for a variety of projects. Mr. F	ortson serves as
		the Seni	or Environmental Scientist at ELOS, providing his tec	hnical expertise
		and envi	ironmental knowledge for permitting efforts.	
Experience of	dates Experience and qualifications rele	vant to the	e proposed contract; <i>i.e.</i> , "designed drainage", "designed	l girders", "designed
(mm/yy–mn	n/yy) intersection", etc. Experience date	es should c	over the time specified in the applicable MPR(s).	0 / 0
2019 - PRES	SENT DOTD RURAL BRIDGE REPLACEMENT	S		
	Mr. Fortson provides guidance to fiel	d biologists	on identifying species and navigating permitting processes.	
2016	KINGS ROAD BRIDGE REPLACEMENT	S		
	Mr. Fortson was responsible for envi	ironmental	compliance for the replacement of the bridge over Wrights	Creek in northern St.
	also prepared the Gopher Tortoise In	spection Re	port and coordinated with US Fish and Wildlife Service to se	cure concurrence on a
	finding of no effect.	opection		
8/2017-7/2	2018 LAND USE AND TRANSPORTATION S	TUDY HAR	RISON AVE EXT	
	Mr. Fortson assisted in the preparati	on of a DO	TD Stage 0 Environmental Checklist for the extension of Ha	rrison Avenue in Abita
	Springs from LA 59 to LA 36, a distar	nce of 1.7 i	niles. Desktop and field data were collected to identify rele	evant resources in the
	project area. He assisted in the ident	ification of	land use, wetlands, community facilities, recreational asset	s, historic and cultural
	sites, hazardous waste sites.			
2017	LA 3234 EXTENSION TO HAMMOND	AIRPORT E	NVIRONMENTAL ASSESSMENT	
	Mr. Fortson is responsible for the sup	ervision of	fieldwork, wetlands delineation, biological surveys, and Sect	ion 404 application for
	three alternative alignments being st	tudied for t	the extension of E. University Avenue from LA 1065 to the F	ammond Airport. He
8/20 Opgo	provided the wetlands value assessm		to estimate mitigation costs for unavoidable impacts to wet	
0/20-011g0		FORTATIO		



	Mr. Fortson is responsible for the oversight of conducting Wetland Delineations at 16 bridges along with preparing and submitting
	permit application packets to the United States Army Corps of Engineers (USACE) and Louisiana Department of Natural Resources
	(DNR) for Section 10/404 authorization, or Coastal Use Permits, where appropriate.
2015 – 2016	US 51 (LA 22 TO CLUB DELUXE ROAD) DRAFT EA, PHASE I ESA, AND BIOLOGICAL SURVEY REPORT
	Mr. Fortson supervised and participated in field investigations to support wetlands delineations and findings reports, biological surveys, and threatened and endangered species reports. He also provided coordination among natural resource agencies, consultation with landowners, and outreach to public groups.



Firm en	ployed b	y: ELOS Environmen	tal, LLC	NS					
Name	Corv Ric	ks			Years of relevant experience with this employer	6			
Title	Environ	mental Scientist / Fie	ld Crew Manag	er	Years of relevant experience with other employer(s)	1			
Degree(	s) / Years	s / Specialization		BS, 2	2015, Environmental Biology, Southeastern Louisiana Unive	rsity, Hammond,			
				LA	,				
Active r	egistratio	n number / state / exp	iration date	N/A					
Year reg	gistered	N/A	Discipline	N/A					
Contrac	t role(s) /	brief description of re	esponsibilities	Envi	ronmental Scientist / Field Crew Manager				
				Mr.	Ricks has led wetland delineation efforts for multiple project	s for local			
				deve	elopment, mitigation banks, and infrastructure developments	s. Mr. Ricks has			
				prov	vided assistance with NEPA documentation, permitting, wetla	and delineations,			
				GIS	mapping and culture resource for a variety of projects. <b>Mr. R</b>	icks is responsible			
				for l	for leading wetland delineations and managing ELOS's team of environmental				
		1		scie	ntist, field biologists, and data processors who complete				
Experie	nce dates	Experience and qua	alifications rele	vant t	o the proposed contract; <i>i.e.</i> , "designed drainage", "designed	girders", "designed			
(mm/yy	-mm/yy)	intersection", etc.	Experience date	s shou	and cover the time specified in the applicable MPR(s).				
2016 -	Present	LA 3234 EXTENSIO			RPORT ENVIRONMENTAL ASSESSMENT	- Ma Diska slas			
		IVIR. RICKS performe	d the wetland (	aeiine	ation for all three routes and provided a report of the finding	s. IVIF. RICKS also			
		provided assistance	e for GIS mappi		the wetlands Findings Report, Phase I Environmental Assess	ment Survey, and			
		the biological Asses	ssment Survey. Ar Dicks lod off	ivir. F	n providing stream and waterbody data for each report	a species known in			
2016 -	Present		GE REDIACEME		in providing stream and waterbody data for each report.				
2010	rresent	Mr. Ricks serves as	the project ma	nager	for this project, ensuring that the work is completed on time	and within hudget			
		and meets the requ	uirements set b	v regu	ilatory agencies.	and within budget			
2021 -	Present	CITY OF KINDER DE	RAINAGE IMPR		IENTS				
Mr. Ricks provided assistance to A					arish for the removal of woody and other accumulated debr	is in the waterways			
		to restore drainage	capacity and f	unctio	n. Mr. Ricks coordinated and corresponded with governmen	t agencies to obtain			
		the necessary perm	nits to allow the	e Paris	sh to clear debris from the parish's waterways. His efforts in	the project include:			
		obtaining environr	mental permits	(USA	CE, DNR CUP, and LDWF Scenic Rivers), identifying juris	dictional wetlands,			
		obtaining and reco	rding data for D	amag	e Survey Reports, and completing wetland delineations.				



Firm employed by	y: ELOS Environmer	ntal, LLC	S		
Name Jesse Mo	Quigg			Years of relevant experience with this employer	7
Title GIS Man	ager			Years of relevant experience with other employer(s)	2
Degree(s) / Years	/ Specialization		Draf	ting Design, 2014, Northshore Technical College, Hammond	i, la
Active registration	n number / state / exp	piration date	N/A		
Year registered	N/A	Discipline	N/A		
Contract role(s) / brief description of responsibilities				Geographical Information Systems) Manager ost all ELOS projects begin with data collection and mapping guigg and his team touch every project providing data collect ices for clients. Mr. McQuigg has experience with ArcGIS On GIS, Survey 123, Expert GPS, BaseCamp, and Google Earth. W ware programs, he collects and interprets field data in support yses and impact assessments. Mr. McQuigg is responsible for in to collect data and create maps. The figures and maps he erate are vital to the development of National Environment umentation, Threatened and Endangered (T&E) Species Sur heations and Jurisdictional Determinations, Phase I Enviror assments, Section 404/10 and Coastal Use Permit application assment models.	As such, Mr. tion and mapping line, Collector of tith the use of these ort of environmental or leading the GIS and his staff tal Policy Act (NEPA) veys, Wetlands mental Site ons, and wetlands
Experience dates	Experience and qu	alifications rele	vant to s shou	o the proposed contract; <i>i.e.</i> , "designed drainage", "designe old cover the time specified in the applicable MPR(s)	d girders", "designed
2017	LA 3234 EXTENSION Mr. McQuigg manage wetland's delineation identifying the locate comparative impact US 51 (LA 22 TO CLU	TO HAMMOND ged and conducte on and habitat ide ion of sample plo analysis. JB DELUXE ROAD	AIRPO d data ntificat ts and ) DRAF	RT ENVIRONMENTAL ASSESSMENT collection from multiple sources to establish field data collection tion through soil and terrain types. Mr. McQuigg post-processed sensitive areas that were provided to the client as GIS shapefiles T EA, PHASE I ESA, AND BIOLOGICAL SURVEY REPORT	points for the GPS coordinates for use in a



	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.
2021 – Present	JEFFERSON TRANSIT BUS STOP IMPROVEMENTS DISTRICTS 1, 2, 4, AND 5
	Mr. McQuigg manages the use of GIS, specifically utilizing Survey123 to collect data and images for real-time analysis and use in the
	planning processes.



#### 17. Firm Experience:

Firm name	Quality Engineering & Surveying, LLC			QUALITY	ا	Past Perfor	est Performance Evaluation Category(ies)*			Survey	
Project name	MOVI	E Ascension -	- State Hwy 73	8 @ Browi	າ <mark>Rd; St</mark> a	d; State Hwy 73 @ Oakland Firm responsibility (prime or sub			me or sub?)	Sub	
	Rd										
Project number	Project No. MA-18-03 Owner's name					ame Ascension Parish Government					
Project location	Pra	airieville, Aso	ension Parish	, LA		Owner's Project Manager Neel-Schaffer, Inc.; Dishili Young, I			; Dishili Young, P.E.		
Owner's address	, phone	e, email	10000 Perkin	s Rowe, S	uite G36	0, Baton R	ouge, LA 7081	0			
			(225) 614 - 28	316  dishi	li.young(	@neel-scha	affer.com				
Services commen	02/18	Total consultant contract cost (\$1,000's) \$331,000			331,000						
Services complet	m/yy)	05/19	Cost of	consultant	services provi	ded by this firm (\$	1,000	's) 💲	54,000		

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

Provided prime consultant with boundary and topographic surveys to be used for design of project routes and intersections for a turn

lane and intersection improvements, and included existing road surfaces, subsurface drainage, open ditches, all utilities both above and underground, etc. Produced right of way maps to be used for acquisitions.

The topography surveys, property surveys, and right-of-way maps all met LaDOTD requirements and established existing property

lines and rights-of-way. Title take-offs as required by proposed design.

Staff in this proposal: n/a



Firm name	Quality Engineeri	g, LLC QUALITY			Past Performance Evaluation Category(ies)*			Road, Survey, Traffic, CE&I/OV		
Project name	<b>Cypress Reserve S</b>	ubdivision					Firm responsibility (prime or sub?			Prime
Project number	N/A		Owner's	name	D.R. Ho					
Project location	Ponchatoula, 1	Tangipahoa Pa	rish, LA Owner's Project Manager Adam Kurz				z			
Owner's address	, phone, email	7696 Vincent	Road, De	nham Spr	ings, LA	70726				
		(225) 664 – 1	240   gak	urz@drho	rton.con	า				
Services commen	ım/yy)	03/16	Total consultant contract cost (\$1,000's)				\$89	,000		
Services complet	ed by this firm (m	ım/yy)	02/22	02/22 Cost of consultant services provided by this firm (\$1,000's)				\$75	5,000	
Describe the proje	ect including the fir	m's role and m	embers in	volved (I	Highlight	staff to he used	in this proposal )			

including the firm's role and members involved. (Highlight stall to be used in this proposal.)

Cypress Reserve is a 268 acre single family residential community in Ponchatoula, LA. It is located off of LA Hwy 22 and LA Hwy 445. The design of this 671 home community embraced the challenge of working with wetlands by making them a central theme and highlight of the community. Seventy acres of open space and 27 acres of ponds are strung together throughout the site using the preserved wetlands as the backbone of the design creating recreational space in resident's back yards. This multi-disciplinary approach to design allows a strong identity and community feeling to thrive throughout the development.

Staff in this proposal: Deric Murphy, PE, LSI; William Purser, PE; Gage Spell, LSI





Firm name	Quality Engineeri	۲	Past Performance Evaluation Category(ies)* Roa CEA			Road, Sur CE&I/OV	oad, Survey, Traffic, E&I/OV				
Project name	Whispering Sprin	gs Subdivision						Firm responsibili	ity (prime	or sub?)	Prime
Project number	N/A	N/A Owner's name D.R. Horton									
Project location	Walker, Livingston Parish, LA						Owner's Project Manager Adam Kurz				
Owner's address	, phone, email	7696 Vincent	Road, De	nham Spi	rings, L	A 70726					
		(225) 664 – 1	240   gak	urz@drhc	orton.co	om					
Services commenced by this firm (mm/yy) 06/17				Total consultant contract cost (\$1,000's)					\$5	592,000	
Services completed by this firm (mm/yy) 08/22 Cost of co					of consultant services provided by this firm (\$1,000's)			\$5	533,000		
Describe the proje	Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)										

Located in Livingston Parish along LA Highway 1019, Whispering Springs is a residential development with over 976 lots. Quality Engineering took over the project after the First Filing was already built. The development is designed into nine filings and was designed to accommodate West Colyell Creek and Beaver Creek running through the development. QES designed the infrastructure which includes drainage systems, sanitary sewer systems, utility systems such as water and gas, and roads. Most of this design was done through master planning and coordination through the various districts that govern the area. This includes working with Livingston Parish Sewer District #1 & #2 and Gravity Drainage District #2. Currently, infrastructure plans for the 2nd and 3rd Filings are under review by the respective entities and earthwork grading for those filings is taking place for the proposed development as well. The estimated completion of the Whispering Springs development is Summer of 2022.



Staff in this proposal: Deric Murphy, PE, LSI; William Purser, PE; Gage Spell, LSI





Firm name	Quality Engineering & Surveying, LLC QUALITY Past Perfo						st Performance Evaluation Category(ies)* Surv			Survey	γ, Other	
Project name	A	All Abilities Field Firm responsibility (prime or sub?								r sub?)	Prime	
Project number	-	N/A Owner's name City of Gonzales										
Project location	n City of Gonzales, Parish of Ascension						Owner's Project Manager Ascension Char		h Chamb	mber of Commerce		
							"Team of Dreams"			<i>n</i>		
Owner's address	s, pł	none, email	120 South Irr	na Blvd.								
			Gonzales, LA	70737								
Services commenced by this firm (mm/yy) 09					Total co	Total consultant contract cost (\$1,000's)						
Services completed by this firm (mm/yy) 06/17					Cost of consultant services provided by this firm (\$1,000's)					Pro bono (est		
												\$50,000)

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

Purpose: In 2019, a team within the Ascension Parish Chamber of Commerce Leadership Class of 2020 approached QES to participate, pro-bono, in the

design and creation of a baseball field for players of all abilities. The facility was to enhance public recreation in Gonzales, Louisiana by creating a unique, totally accessible baseball field. This is truly an ADA compliant, adaptive field. From the surrounding **sidewalk**, through the dugouts to home plate or centerfield, this is the epitome of accessible facilities.



This synthetic turf field, player



and spectator facilities is in the heart of Gonzales, adjacent to existing public recreational facilities, including a popular high school immediately across the street.

The field was funded by private and public donations, including the Louisiana Lt. Governor's office, the Cal Ripken Senior Foundation, Ascension Parish, the city of Gonzales, Louisiana and various commercial, industrial and private donors.



Firm name	Quality Engineeri	ng & Surveying	g, LLC	QUALIT	Past Performan	ce Evaluation Cat	egory(ies)*	Road, Su CE&I/OV	rvey, Traffic, /	
Project name	Bellacosa Subdivi	Bellacosa Subdivision Firm responsibility (prime or sub?								Prime
Project number	Project No. MA-18-03 Owner's name D.R. Horton									
Project location	Baton Rouge, East Baton Rouge Parish, LA					Owner's Project Manager Adam Kurz			2	
Owner's address	, phone, email	7696 Vincent	: Road, Der	nham Spr	ings, LA	70726				
		(225) 664 – 1	240   gaku	ırz@drho	rton.cor	n				
Services commen	08/17	Total consultant contract cost (\$1,000's)					\$1,	145,000		
Services completed by this firm (mm/yy) 05/21					Cost of consultant services provided by this firm (\$1,000's)					.025,000
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)										

Located in East Baton Rouge Parish along Jones Creek Road, Bellacosa is a residential development containing 425 lots. The development is designed into four filings. QES designed the grading and infrastructure which includes drainage systems, sanitary sewer systems, and roads. Most of this design was done through master planning and coordination through City of Baton Rouge. This includes working with the City of Baton Rouge Subdivision office, Planning Commission, and Department of Environmental Services. Currently, infrastructure plans for the 3rd and 4th Filings are under review by the respective entities and construction for the 1st and 2nd Filings is taken place. Estimated completion of the full Bellacosa development is Fall of 2020.

Staff in this proposal: Deric Murphy, PE, LSI; William Purser, PE





The following project examples are offered by our subconsultant





Firm name	le			P	Past Performance Evaluation Discipline(s)* Envir			(s)* Enviror	imental
	ELOS Environm	ental, LLC	ELOS						
Project name	U.S. 51 Improve	eluxe Ro	Rd) Firm responsibility (prime or sub?) Sub				sub?) Sub		
Project number	H.008399 Owner's name N-Y Associates/NORPC/DOTD								
Project location	Hammond to	Ponchatoula,	LA		Owner's Project Manager Bruce Richards/Nick Olivier			s/Nick Olivier	
Owner's addres	s, phone, email	2750 Lake V	/illa Driv	e, Metair	ie, LA 70	0002, (504) 88	85-0500, brichar	ds@n-yassocia	tes.com
Services commenced by this firm (mm/yy) 12/14 To				Total co	otal consultant contract cost (\$1,000's)				N/A
Services completed by this firm (mm/yy) 07/18 Co				Cost of	st of consultant services provided by this firm (\$1,000's)			\$147,500	

Services Provided: NEPA Consulting Services, Environmental Assessment, Data Collection, Wetlands Findings Report, and GIS Services.

In compliance with National Environmental Policy Act (NEPA) requirements, ELOS assisted in the preparation of an environmental

assessment (EA) for the proposed project which included responsibility for developing sections of the EA addressing threatened and endangered species, wetland issues, recreational resources, hazardous and toxic materials impacts, public involvement issues, and agency coordination through SOV letters. ELOS also provided extensive data collection and GIS and mapping production. The DOTD is proposing to expand approximately 2.59 miles of U.S. Route 51 Business between its intersections with Louisiana Highway 22 and Club Deluxe Road in Ponchatoula, Tangipahoa Parish, Louisiana. ELOS was tasked to write a Wetlands Finding report. ELOS performed site visits and collected data to determine the potential jurisdictional wetlands and other waters of the U.S. Representative sample locations were chosen to characterize the site. At each sample location, vegetation species were recorded and dominance was estimated, soil samples were collected and examined for identification and determination of hydric properties, and observations were made on hydrologic conditions. Data forms and photographs were taken to document site conditions, which will aid in the development of project alternatives. Compensatory mitigation may be required for the unavoidable loss of wetlands, and a mitigation cost analysis will be conducted.



Firm Personnel Involved: Lucas Watkins, James Prather, Brian Fortson, and Jesse McQuigg.

Prime consultant name: Quality Engineering and Surveying, LLC

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Firm name	5				Past Performance Evaluation Discipline(s)*			(s)*	Environmen	tal
	ELOS Environm	ental, LLC	ELOS_							
Project name	LA 3234 Extension from LA 1065 to Hamme					d Airport Firm responsibility (prime or sub?			) Sub	
Project number	oject number H.008915			name	N-Y Associates/DOTD					
Project location	Hammond, L	A				Owner's Pro	ject Manager	Bruce	e Richards/Pe	eggy Jo Paine
Owner's addres	s, phone, email	2750 Lake	e Villa Driv	e, Metair	ie, LA 70	0002, (504) 88	85-0500, brichar	ds@n-y	yassociates.c	om
Services commenced by this firm (mm/yy) 01			01/17	Total co	consultant contract cost (\$1,000's)			N	[/A	
Services completed by this firm (mm/yy) Ongo			Ongoing	Cost of	st of consultant services provided by this firm (\$1,000's)			000's) \$	101,400	

<u>Services Provided</u>: Jurisdictional Determination, Phase I Environmental Site Assessment, Threatened and Endangered Species Survey, Mitigation Services, and GIS Services.

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.

**Firm Personnel Involved:** Lucas Watkins, Jay Prather, Brian Fortson, and Jesse McQuigg.





Firm name		4	P	Past Performance Evaluation Discipline(s)*			llection	
	ELOS Environmental, LLC	ELOS						
Project name	Transit Stop Improvements	Plan for Cou	ncil Dis	trict 3	ub?) Sub			
Project number	616-1492	Owner's nat	me	Jefferson Parish Dept. of Capital Projects/ECM Consultants, Inc.				
Project location	Jefferson Parish, LA			Owner's Project Manager Ujjal DasGupta, P.E.				
Owner's address	ss, phone, email 4409 Utio	a ST, Ste 200	), Metaii	rie, LA 70006, (504) 8	85-4080, ujjal@e	ecmconsultants	.com	
Services commenced by this firm (mm/yy) 12/16			Total consultant contract cost (\$1,000's)				N/A	
Services completed by this firm (mm/yy) 12/17 Cost				st of consultant services provided by this firm (\$1,000's)			\$138,200	
Construct Description	al. Committing Commission CI		1 D-4-	C 11				

Services Provided: Consulting Services, GIS Services, and Data Collection.

ELOS was hired as the subconsultant to ECM, Inc. to establish a GIS database documenting the current location and condition of Jefferson Transit (JeT) transit stops in Council District 3. Using transit data and previous reports provided by the Regional Planning Commission (RPC) and consulting engineers, ELOS established a record for each of the 300 transit stops within the district, and then field verified the stop geographic location and existing conditions. The field collected data included infrastructure such as signs, waiting areas, benches, shelters along with access and connectivity information such as sidewalks, curb ramps, pedestrian signals, crosswalks, and detectable warning systems. The GIS database was

ramps, pedestrian signals, crosswalks, and detectable warning systems. The GIS database was published online to provide stakeholders an opportunity to view conditions through interactive mapping.

A prioritization scheme was presented to identify a target area for conceptual designs that would improve not only the condition at the stop for transit riders including access for riders of all abilities, but also ensure that the stop is connected to its surroundings by pedestrian and biking facilities. The final report was reviewed and accepted by Jefferson Transit and the RPC.

Firm Personnel Involved: Lucas Watkins, Jay Prather, and Jesse McQuigg.





Exhibit 1 - Data Collection at Nearest Corner



#### 18. Approach and Methodology:

#### **INTRODUCTION**

The purpose of this project is to bring existing sidewalks on various routes in downtown Thibodaux up to ADA compliance and to construct handicapped curb ramps as needed, in Thibodaux, Louisiana.



Founded in early 2009, Quality Engineering & Surveying, LLC, (QES) is a full-service firm that offers an extensive range of services for both private and public sectors. Our multi-disciplinary approach provides our clients the opportunity to procure our services in: Civil Engineering, Landscape Architecture, Planning, Land Surveying, and Program Management. Our knowledge and experience have helped us establish strong business relationships with our clients in both the private and public sector in more than 1/3 of the parishes in the state of Louisiana. Customer service is key and a mainstay for QES. This has been integral to our success and has expedited our growth as a firm. Our licensed and support staff of engineers, surveyors, grant specialists, landscape architects, and planners provide the expertise, professionalism, and innovative approaches fundamental to the execution of successful design solutions.

In addition to our own firm resources and capabilities, the QES team includes one subconsultant, La Terre Engineering with complementary skills to complete our team. QES has successfully worked with this subconsultant on local project in the past.



La Terre Engineering LLC. (LTE) is a minority owned, civil engineering firm founded in 2020 by Seneca Toussant, PE and located in downtown Baton Rouge, Louisiana. Mr. Toussant is a highly regarded professional civil engineer with experience in transportation planning and roadway design services to communities large and small, including the full range of transportation infrastructure projects –

everything from local roadway and state highway design, stormwater conveyance, green infrastructure, ADA Compliance, and multi-modal transit.

#### **APPROACH AND METHODOLOGY**

The QES Team has the expertise and project experience to provide all of the design services required under this contract. In this section we will describe our typical approach to delivering a project for DOTD. As soon as possible after being awarded this contract, QES will meet with DOTD and the LPA to discuss the project in detail and gain a complete understanding of expectations and unique concerns. QES fully understands the purpose of this project is to complete an ADA compliant sidewalk network on both sides of St. Mary Street from Lions Club Road to the BNSF Railroad right-of-way (approximately 750 L.F.) including subsurface drainage work where needed, in Scott, Louisiana.



QES' approach includes development of a thoughtful work plan that establishes clear lines of communication to deliver the project onbudget and on-schedule. During the kickoff meeting DOTD and the LPA's expectations will be integrated into the final work plan by to include project specific issues such as site location design approach, base mapping efforts, design submittal requirements and Local Programs coordination.

QES will make every effort to preserve significant trees and limit property impacts. Based on our team's desk top review, there are a number of trees on existing right-of-way within the project site that should be reviewed for preservation to the extent feasible. We will evaluate the sidewalk alignment to determine if there are any adjustments that can be made to preserve the trees. This may include providing a meandering sidewalk, or selective pruning of tree limbs.

The existing corridor appears to contain distribution lines for power, communication, telephone, gas, and water., QES will identify and evaluate potential conflicts and coordinate with the utility owners determine solutions.



QES will perform the required services, including the following as stated in the RFQ, Stage 3 Design Part I: Surveying Services (a)Topographic Survey (as required), Part III: Preliminary Plans, Part IV: Final Plans and Stage 5 Construction Support.

#### STAGE 3: DESIGN

#### Part I (a) Topographic Survey

QES will perform services required to make a complete topographic survey, in English units of measure, as required for the proper design and layout of the Project. The DOTD's requirements which shall govern this survey are specified in the current edition of the DOTD's Location and Survey Manual.

The survey shall include, but not be limited to the staking of centerline when required and when physically possible and, where this is not possible, to the running of all ground traverses necessary to compute and establish centerline. This work shall include, for the control of the field survey and later use, the establishment of referenced iron rods along the Project, as may be necessary, to define the centerline and of a referenced system of bench marks on a closed level circuit. The survey shall also include the location and establishment of



ownership of all utilities in the way of construction as specified in the manual. The Project survey control and horizontal alignment shall be based on the Louisiana State Plane Coordinate System, (NAD-83-92), as determined by G.P.S. observation.

#### Part III: Preliminary Plans

QES will provide all engineering services required for the completion of Preliminary Plans and cost estimates for the Project, all under a schedule for completion which shall be in conformity with the contract time specified and presented in the QES' schedule. Specifically, the work under this Part consists of the following major items:

- 1. The assembly and study of existing data, including improvement studies, boring information, if any, traffic data available through the DOTD or the LPA, and such other data as can be located through efforts of the Consultant.
- 2. The actual roadway section shall be furnished to the Consultant by DOTD or the LPA at the Pre-Design Conference.
- 3. The preparation of location plans for subgrade soil borings that, in the judgment of the Consultant, may be necessary for design of the Project. The Consultant shall also prepare additional location plans as may be required by the Responsible Charge for conducting additional borings deemed necessary by the Responsible Charge.
- 4. The design format for this improvement shall comply with the criteria prescribed in 23 CFR 625, Design Standards for Highways. The format of the plans shall conform to the standards used by the DOTD in the preparation of its contract plans for items of work of similar character, including plans for all drainage and utilities affected.

#### Part IV: Final Plans

QES will provide all services required for the preparation of Final Plans, specifications, and estimates, all meeting the standard requirements of the DOTD as to general format and content. The Final Plans phase shall be initiated upon issuance of a separate Notice to Proceed from the Entity. The schedule for all deliverables will be set by the Entity's Responsible Charge. All submittals are subject to review by the Entity and DOTD. Specifically, the work under this section consists of the following major items:

- 1. The design and preparation of completed detailed Final Plans drawn to acceptable scales for the Project. At a minimum, the plans shall include designs and/or details for all grading, pavement, drainage, intersections, traffic control and structures.
- 2. Preparation and submittal of construction cost estimates based on the Final Plans.
- 3. Submittal of stamped, signed Final Plans. The submittal shall be accompanied by a written certification from the Consultant that a detailed check of such computations by qualified personnel has been made prior to submission.
- 4. Submittal of the completed Constructability Review Form, the Design Report and the QA/QC Checklist.
- 5. All plans submitted by the QES shall conform to the quality standards adopted by the DOTD.

#### **STAGE 5: CONSTRUCTION**

QES will provide construction support consisting of all services required to review and address all Requests for Information (RFI's) from the LPA's Construction Contractor that concern plan/specification clarity or plan/specification error within forty-eight (48) hours.

QES will provide construction on-call support in order to complete the Project and will be available to assist the LPA with information



meetings with the Contractor with a twenty-four (24) hour notice. QES will respond to and deliver requested minor design changes and plan/specification corrections within seven (7) calendar days. QES understands that the LPA has not retained QES to make detailed inspections or to provide exhaustive or continuous project review and observation services. This item shall be used only when directed and authorized by the LPA's Responsible Charge.

#### **SCHEDULE**

The overall time for the completion of the scope of services is estimated by DOTD to be **220 days**. QES is able to start the work within 30 calendar days or sooner upon notice to proceed from DOTD.

Sample Project Schedule for a sidewalk project.

## **Project Planner**

Select a period to highlight at right. A legen	d describing the	charting follows	S.		Period Highlight: 1 Plan Duration Actual Start % Complete Actual (beyond plan) % Complete (beyond plan)							
ACTIVITY	PLAN START	PLAN DURATION	ACTUAL START	ACTUAL DURATION	PERCENT	PERIODS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60						
Notice to Proceed	1	0	1	4	0%							
Project Planning and Setup	1	5	1	6	0%							
Survey and Right of Way Research	2	30	2	5	0%							
Prelminary Design Review Submitta	4	60	4	6	0%							
DOTD Review of Prelminary Plans	4	30	4	8	0%							
Final Plan Review Submittal	4	30	4	6	0%							
DOTD Review of Final Plans	5	30	5	з	0%							
Final Plan Completion	5	9	5	5	0%							



#### 19. Workload:

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining Unpaid Balance**
and the second s	Data Collection	4400020961	IDIQ for NFIP and CTP Program Statewide	
		State Project No. 12010005	Task order No. 1: Lower Sabine Watershed	\$81,390
<b>ELOS</b>	Environmental	H.013958	Rural Bridge Replacement Initiative: Carpenters Bridge Rd Over Whiskey Chitto	\$15
	Environmental	H.013959	Rural Bridge Replacement Initiative: Reeds Bridge Rd Over Calcasieu River	\$53
	Environmental	H.013963	Rural Bridge Replacement Initiative: LA 384 Canal Bridge	\$617
	Environmental	H.013970	Rural Bridge Replacement Initiative: LA 717 Klondike Canal & Bayou Bridges	\$275
	Environmental	H.013976	Rural Bridge Replacement Initiative: LA 376 Bayou Bridges	\$432
	Environmental	H.013976	Rural Bridge Replacement Initiative: LA 376 over Bayous	\$2,876
	Environmental	H.013982	Rural Bridge Replacement Initiative: LA 10 Spur, LA 1042 Bridges Near Greensburg	\$15
	Environmental	H.013984	Rural Bridge Replacement Initiative: LA 16 Bridges (Isabel to Sun)	\$15
	Environmental	H.013996	Rural Bridge Replacement Initiative: LA 1074, LA 1075 Bridges Near Rio	\$15
	Environmental	H.013997	Rural Bridge Replacement Initiative: Local Rd Over Borrow Pit (Blind River)	\$578

(Add rows as needed)

DO NOT SUM

\* The only past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other. If a firm has more than one past performance evaluation discipline for any single project, the firm can use multiple rows to express the remaining unpaid balance per evaluation discipline.

\*\* Round to the nearest dollar. <u>**Do not**</u> round to the nearest thousands. If there are no active contracts with a remaining unpaid balance, place N/A in the Remaining Unpaid Balance column. LEAVING THE "REMAINING UNPAID BALANCE" COLUMN BLANK IS NOT ACCEPTABLE.



#### 20. Certifications/Licenses:

If the advertisement requires submission of licenses and/or certificates, include them here. Otherwise, leave this section blank.

Please See Certificates on Following pages



Transportation Professional Certification Board Inc.

## certifies that

# Rebecca B. Lala

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 2282 issued in Washington, D.C. is subject to the provisions for renewal May 5, 2008

Steven D. Hopene







Certificate of Completion

presented to

Rebecca Lala

for completing the

## Traffic Engineering Analysis Process & Report Module 1

Date: July 16, 2018 Location: Baton Rouge, Louisiana Pri fessional Development Hours (PDHs) Awarded: 2

Authorized Instructor

Authorized instructor





Certificate of Completion

presented to

Rebecca Lala

for completing the

## **Traffic Engineering Analysis Process & Report** Module 2

July 23, 2018 Date: Baton Rouge, Louisiana Location:

Pri fessional Development Hours (PDHs) Awarded: 3

Authorized Instructor





Certificate of Completion

presented to

# Rebecca Lala

for completing the

## Traffic Engineering Analysis Process & Report Module 3

Date: October 18, 2018 Location: Baton Rouge, Louisiana Pri fessional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized instructor













N/A

Quality Engineering will deliver QA/QC plans with 10 days of contract execution as specified in the RFQ.

#### 22. Sub-consultant information:

If one or more sub-consultants will be used, provide the name, address, point of contact and phone number for each. Otherwise, leave this section blank.

Firm Name (as registered with Louisiana's Secretary of State)	Address	Point of Contact and email address	Phone Number
ELOS	607 W. Morris St. Hamond, LA 70403	Lucas Watkins Iwatkins@elosenv.com	985-662-5501

#### 23. Location:

If location is an evaluation criterion for this advertisement and the prime consultant intends to establish a local presence, describe the plan for doing so. Otherwise, leave this section blank.

## N/A

