DOTD FORM: 24-102

(Revised March 1, 2022)

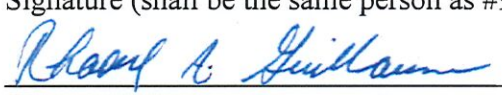
PROPOSAL TO PROVIDE CONSULTANT SERVICES

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	ENTITY CONTRACT FOR ST. NAZAIRE RD EXT: LA 96 – CORNE RD, LAFAYETTE PARISH
2. Contract number(s) as shown in the advertisement	4400025625
3. State Project Number(s), if shown in the advertisement	H.014622.1
4. Prime consultant name (as registered with the Louisiana Secretary of State where such registration is required by law)	GOTECH, Inc.
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	Engineering Registration No. EF.0000377; 09/18/1984 Land Surveying Registration No. VF.0000230; 09/18/1984
6. Prime consultant mailing address	8383 Bluebonnet Boulevard Baton Rouge, LA 70810
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	8383 Bluebonnet Boulevard Baton Rouge, LA 70810
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Rhaoul Guillaume, Sr., P.E., F.ASCE, Owner and President (225)766-5358 rhaoul@gotech-inc.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Rhaoul Guillaume, Sr., P.E., F.ASCE, Owner and President (225)766-5358 rhaoul@gotech-inc.com

10. This is to certify that all information contained herein is accurate 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.	Signature (shall be the same person as #9):  Date: 1/20/2023
11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.	Firm(s): *GOTECH, Inc.* — Firm(s)': 55% Vectura Consultants — 25%

12. Past Performance Evaluation Discipline Table:

As indicated in the advertisement, insert the completed table here. The percentages for the prime and sub-consultants must total 100% for **each past performance evaluation discipline**, as well as the overall total percent of the contract.

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. The crosswalk from the old categories to the new categories can be found at the link below:
http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/General%20Information/CPPR%20Crosswalk%20to%20New%20Evaluation%20Disciplines.pdf. (same link as in the advertisement)

Evaluation Discipline(s)	% of Overall Contract	GOTECH	Vectura Consultants	Matrix New World Engineering
Road	40%	100%		
Survey	15%	100%		
Traffic	25%		100%	
Environmental	20%			100%
Percent of Contract	100%	55%	25%	20%

Prime consultant name: ***GOTECH, Inc.***

13. Firm Size:

For all firms that are part of this team, indicate the approximate number of personnel to be committed to this contract, by DOTD Job Classification and the total number of personnel within the firm that could provide support, if needed. If a specialized job classification is required and not included on the DOTD job classification list, specify "Other (xxxx)" and include the classification title inside the parentheses. The DOTD Job Classification(s) to be used can be found at the following link: http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descriptions.pdf

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
GOTECH, Inc.	Principal	1	1
GOTECH, Inc.	Engineer	2	6
GOTECH, Inc.	Engineer Intern	1	1
GOTECH, Inc.	Surveyor	1	2
GOTECH, Inc.	Party Chief	1	3
Vectura Consulting Group, LLC	Supervisor – Eng	3	3
Vectura Consulting Group, LLC	Engineer	4	4
Matrix New World Engineering	*Biologist/Wetlands*	*3*	*5*
Matrix New World Engineering	*Cadd-Operator*	*1*	*8*
Matrix New World Engineering	*Environmental Pro*	*1*	*3*
Matrix New World Engineering	*Environmental Manager*	*3*	*3*
Matrix New World Engineering	*GIS Analyst*	*1*	*10*
TerraXplorations, Inc.	Archaeologist	2	30

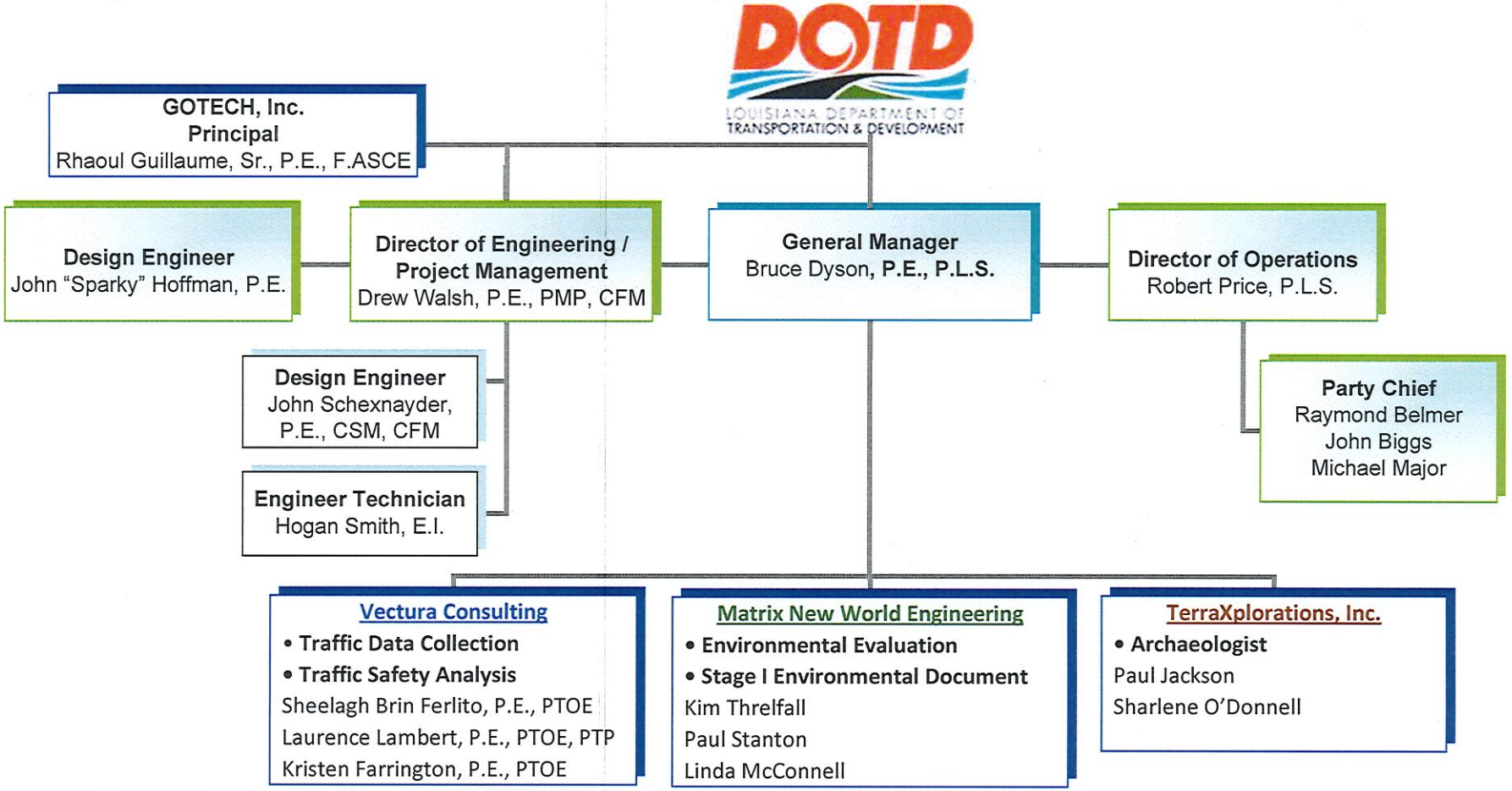
(Add rows as needed)

14. Organizational Chart:

Provide an organizational chart showing ALL **relevant** prime consultant and sub-consultant (if applicable) personnel assigned to the contract, area of project responsibility for each, and reporting lines for the purposes of this contract. An individual's role does not necessarily have to match their DOTD job classification identified in Section 13.

If applicable, identify all personnel performing traffic engineering analysis and/or QC of traffic engineering analysis by placing an asterisk next to their name. Include the certificates required by the Traffic Engineering Process and Report Training Requirements article of the Advertisement in Section 20.

It is acceptable to use an 11x17 format for Section 14.



Prime consultant name: ***GOTECH, Inc.***

15. Minimum Personnel Requirements:

Use the table below to identify both prime consultant and sub-consultant staff designated to work on this contract meeting the Minimum Personnel Requirements (MPRs) specified in the advertisement. Ensure the résumé reflects the required experience stated in the MPR.

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	Rhaoul Guillaume, Sr., P.E., F.ASCE	GOTECH, Inc.	P.E. License No. 20083	LA	9/30/2024
2	Bruce Dyson, P.E., P.L.S.	GOTECH, Inc.	P.E. License No. 20162; P.L.S. License No. 4670	LA	3/31/2024; 3/31/2024
2	John Schexnayder, P.E., CFM, CSM	GOTECH, Inc.	P.E. License No. 33284	LA	9/30/2023
3	James "Drew" Walsh, P.E., PMP, CFM	GOTECH, Inc.	P.E. No. 29340 PMP / Earned 2019	LA	3/31/2023 N/A
3	John "Sparky" Hoffman, P.E.	GOTECH, Inc.	P.E. No. 19536	LA	9/30/2023
4	Sheelagh Brin Ferlito, PE, PTOE	Vectura Consulting Services, LLC	PE.0025383	LA	9/30/2023
4	Laurence Lambert, PE, PTOE, PTP	Vectura Consulting Services, LLC	PE.0029901	LA	3/31/2024
4	Kristen Farrington, PE, PTOE	Vectura Consulting Services, LLC	PE.0042785	LA	3/31/2023
4	*Kim Threlfall*	*Matrix New World Engineering*	*n/a*		
4	*Paul Stanton*	*Matrix New World Engineering*	*n/a*		
4	*Linda McConnell*	*Matrix New World Engineering*	*n/a*		
5	Paul D. Jackson	TerraXplorations, Inc.	n/a		
5	Sharlene O'Donnell	TerraXplorations, Inc.	n/a		
etc.					

(Add rows as needed)

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					
Name			Years of relevant experience with this employer		
Title			Years of relevant experience with other employer(s)		
Degree(s) / Years / Specialization					
Active registration number / state / expiration date					
Year registered		Discipline			
Contract role(s) / brief description of responsibilities					
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).				

(Add rows as needed)

Firm employed by ***GOTECH, Inc.***				
Raymond Belmer			Years of relevant experience with this employer	30
Survey Party Chief			Years of relevant experience with other employer(s)	14
Degree(s) / Years / Specialization			N/A	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Mr. Belmer is presently the Chief Survey Technician with over 35 years of survey experience. Mr. Belmer has a working knowledge of total station operation, EDM equipment, Fathometer/Hydro equipment, data collection and GPS equipment. He has been involved in nearly every aspect of field surveying to include: - Levee centerline profile surveys - First order baseline traversing - Property boundary surveys - Cadastral layout - Cross section surveys - Topographic surveys - Construction layout	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
11/21 – 01/22	LADOTD Contract No. 4400020063 & 4400020064; State project No. H.014552.5: IDIQ Contracts for Electrical Services, Statewide – I-49, LA 31 Interchange Lighting project. – As the field supervisor for GOTECH, Mr. Belmer was responsible for the topographic survey of the I-49 – LA 31 Interchange. The survey serves as the basis for future lighting improvements at the intersection. The footprint of the project extended approximately 3,500 feet in the north / south direction along I-49 and approximately 1,500 feet in the east / west direction along LA Hwy 31. GOTECH's crews performed a control survey on 5 control points in accordance with DOTD requirements. The topographic data was transmitted to DOTD, including the ALG File, DTM File, 2D File, 3D File and the Point File.
01/17 – 04/17	LADOTD Contract No. 4400002746; State project No. H.012469.5: I-10 at Read Blvd Interstate Lighting, Orleans Parish, LA As a subconsultant to GEC, Inc. Mr. Belmer was the chief survey technician providing topographic surveying services for Interstate lighting system design. The project included static GPS control surveys, elevation level loop runs, and conventional topographic field surveys. Topographic field information gathered included roadway/pavement surface features, drainage structures, both surface and subsurface utilities, and survey data on elevated portions of the interstate bridge overpass. All field data was collected in standard DOTD electronic feature code format. Surveys were performed for various I-10 and I-12 highway interchanges.
02/14 – 11/16	LADOTD State Project No. H.007855: LA Hwy 431 at LA Hwy 934 Intersection Improvements, Ascension Parish, LA As chief survey technician Mr. Belmer provided topographic surveying and mapping services for the Hwy 431/934 Intersection Improvements project. The work was located in Ascension Parish on what are currently two-lane highways with narrow

	shoulders and adjacent open ditch drainage. GOTECH field crews obtained field data in a format that was used to in MicroStation CADD drawings with Inroads software. GOTECH also mapped the data in an AutoCAD version for the designers to use. The topographic map showed existing features as pavement, ditches, culverts, lighting, signs, utility poles, traffic controls, driveways, and other utilities. GOTECH also developed an existing drainage map for the project. The watershed covered approximately 25 acres of contributing drainage area.
06/12 – 04/15	LADOTD Contract No. 4400003039 for Professional Hydrographic Surveying Services (Bridge City, Lafayette, Lake Charles, Baton Rouge, & Hammond, Louisiana) Mr. Belmer was the Chief Survey Technician providing hydrographic surveying services to the Louisiana Department of Transportation and Development. Projects included hydrographic field surveys and submitted deliverables such as hydrographic charts, survey field notes, digital photographs, and final tabulation data sheets showing bathymetric water bottom data and depths in PDF, JPG or XLS format. Surveys were performed in various south Louisiana in-land water areas.
06/12 – 04/15	LADOTD Retainer Contract 440001331 for Professional Surveying Services (Bridge City, Baton Rouge & Hammond, Louisiana) Mr. Belmer was the Chief Survey Technician providing hydrographic surveying services in support of bridge scour analysis to the Louisiana Department of Transportation and Development. Projects included hydrographic field surveys and submitted deliverables such as hydrographic charts, survey field notes, digital photographs, and final tabulation data sheets showing bathymetric water bottom data and depths in PDF, JPG or XLS format. Surveys were performed in various south Louisiana in-land water areas and the Mississippi River.
07/07 – 05/08	South Pecan Island, Vermilion Parish, Louisiana Mr. Belmer was the Field Supervisor for the survey and mapping project covering approximately 700 acres. The project required hydrographic surveys of the marsh canals and bay areas and topographic surveys of the levees and surrounding stable ground. Access to the remote areas on the project required work boats, skiffs, air boats and all-terrain vehicles. Field data gathered was used for hydraulic work modeling.

Firm employed by ***GOTECH, Inc.***					
Name	John Biggs			Years of relevant experience with this employer	4
Title	Survey Party Chief			Years of relevant experience with other employer(s)	28
Degree(s) / Years / Specialization			N/A		
Active registration number / state / expiration date			N/A		
Year registered	N/A	Discipline	N/A		
Contract role(s) / brief description of responsibilities			Mr. Biggs is presently a Survey Technician with over 20 years of survey experience. Mr. Biggs has a working knowledge of total station operation, EDM equipment, Fathometer/Hydro equipment, data collection and GPS equipment. He has been involved in nearly every aspect of field surveying to include: - First order baseline traversing - Property boundary surveys - Cadastral layout - Cross section surveys - Topographic surveys - Construction layout - Automated hydrographic surveys - Photogrammetric surveys - Infra-structure surveys - Levee centerline profile surveys ▪ Certified Traffic Control Supervisor – ATSSA Expires 2/7/2023 ▪ Certified Traffic Control Technician – ATSSA Expires 2/5/2023		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
02/19-Present	Pointe-Marie: A New Village, Baton Rouge, LA Mr. Biggs is currently the Lead Survey Technician for the on-going design and construction of Pointe-Marie. This project entails a planned community development of a mixed-use village encompassing over 120 acres. His duties include the layout of roadways, drainage, grading, sanitary sewer system, utility layout and coordination and overseeing construction activities. Phase I is complete and he is working on Phase II. Mr. Biggs also has been responsible for the boundary survey field work on the development. This work includes geometric calculations, property corner setting, elevation surveys and lot layouts. Working to improve drainage across overhead utilities and underground pipelines in the north end of the property to include Entergy Transmission and Distribution, Shell Pipeline, Baton Rouge Sewer Force Main and Entergy Gulf States.
11/19-05/21	New Orleans Street Rehabilitation: RR101, RR102 – New Orleans Department of Public Works, Orleans Parish, LA Mr. Biggs was Survey Technician providing topographic surveying services for roadway rehabilitation design. The project included static GPS control surveys, elevation level loop runs, and conventional topographic field surveys. Topographic field information gathered included roadway/pavement surface features, drainage structures, both surface and subsurface utilities, and survey data on all features within the apparent right-of-way. All field data was collected in standard DOTD electronic feature code format.

11/19-06/21	New Orleans Streets Rehab: RR119 RR120 – New Orleans Department of Public Works, Orleans Parish, LA For the roadway improvement projects in New Orleans, Mr. Biggs has been the Lead Survey Technician for GOTECH. He has conducted topographic surveys that were used as the basis for new roadway improvement designs. Gutter line surveys were used for drainage calculation and his pavement surveys were used as the basis for new roadway geometric designs (vertical curves and horizontal geometry). All survey data was compiled in detailed plan/profile sheets resulting in a complete construction document package.

Firm employed by ***GOTECH, Inc.***					
Name	Bruce Dyson, P.E., P.L.S.			Years of relevant experience with this employer	29
Title	General Manager			Years of relevant experience with other employer(s)	17
Degree(s) / Years / Specialization			Bachelor's-of-Science / 1978 / Civil Engineering		
Active registration number / state / expiration date			P.E. License No. 20162 / LA / 3-31-2024; P.L.S. License No. 4670 / LA / 3-31-24		
Year registered	1982; 1992	Discipline	Registered Professional Civil Engineer / Professional Land Surveyor		
Contract role(s) / brief description of responsibilities			Mr. Dyson has been involved in a variety of survey projects. He is experienced in the areas of civil engineering, project management, construction administration and management, and cost estimating. Specific areas of expertise include drainage improvements, land surveying and flood control. Mr. Dyson has supervised up to five survey crews at GOTECH working on a variety of public and private contracts such as contracts with LA DOTD, US Army Corps of Engineers, Federal Aviation Administration, Parish governments, and New Orleans Sewerage & Water Board.		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
04/15 - Present	LADOTD Contract No. 4400004485; State Project No. H.009320: Acadian Rd Roundabout, Route LA 20 (Canal Blvd) & Local Routes (Back Street, Jackson Street, Thompson Place), Thibodaux, LA - Mr. Dyson was the Engineering / Survey Manager providing professional supervision and project management oversight for the right-of-way mapping services to support parcel acquisition required for design of a new road roundabout in Thibodeaux, Louisiana. Project included field property surveys performed to DOTD survey standards and parcel title work reviews of affected properties. Final right-of-way map and parcel description deliverables, along with MicroStation parcel mapping files, were reviewed and submitted in accordance with established DOTD Location and Survey delivery requirements.
10/17 - 03/18	LADOTD Contract No. 4400002746; State Project No. H. 012602.5: I-10 at Morrison Rd Interstate Lighting, Orleans Parish, LA – Mr. Dyson provided project oversight as Engineering / Surveyor Manager with supervision and project management of topographic surveys to support various interstate lighting design projects. The projects included static GPS control surveys and topographic field surveys performed to DOTD survey standards within the full limits of the highway interchange. The survey field information gathered included roadway surface features, drainage structures, designated subsurface utility locations, and structure data on elevated portions of the interstate bridge overpass. Final deliverables, and MicroStation mapping files, were certified and submitted in accordance with established DOTD Location and Survey delivery requirements.

02/14 - 11/16	LADOTD Project No. H.007855: LA Hwy 431 at LA Hwy 934 Intersection Improvements, Ascension Parish, LA – Mr. Dyson was the quality control reviewer for the Hwy 431 / 934 Intersection Improvements project. GOTECH provided topographic surveying and mapping services for the project. The work was located in Ascension Parish on what are currently two-lane highways with narrow shoulders and adjacent open ditch drainage. GOTECH field crews obtained field data in a format that was used to in MicroStation CADD drawings with Inroad's software. GOTECH also mapped the data in an AutoCAD version for the designers to use. The topographic map showed existing features as pavement, ditches, culverts, lighting, signs, utility poles, traffic controls, driveways, and other utilities. GOTECH also developed an existing drainage map for the project. The watershed covered approximately 25 acres of contributing drainage area.
10/12 - 12/14	LADOTD Project No. H.009276: I-10 (LA 30 to LA 22), Ascension Parish, LA – Mr. Dyson was the quality control reviewer for the Interstate 10 project in Ascension Parish. The project included a segment of the Interstate from LA Hwy 30 to LA Hwy 22. Cross Sections were taken from right-of-way line to right-of-way line to provide data for the Interstate widening design. Overpass details were obtained to show bridge details, bent locations, piling spacing and clearance dimensions.
09/07 - 09/13	LADOTD Project No. 704-92-0036 & 704-92-0037: New Orleans Submerged Streets Repair-Permanent Repair to Federal Aid Eligible Roads as a Result of Damage Due to Hurricane Katrina in 2005 - Mr. Dyson was the Engineering Coordinator for this project. GOTECH provided topographic surveying, preliminary and final roadway plans, and construction support for the project streets located in Jefferson and Orleans Parishes.
02/06-08/11	LADOTD Project No. 052-02-0024: John James Audubon Bridge Design/Build Project, St. Francisville, LA - Mr. Dyson was an assistant design engineer on the project, performing quality control reviews on the construction documents. The cable-stayed bridge structure crossed the Mississippi River linking the St. Francisville area with the New Roads community. Approximately 3.5 miles of a mainline and sideroad network were designed by GOTECH. The project involved intersection designs, drainage analysis, alignment geometric designs, profile/grade analysis and cost estimating.

Firm employed by ***GOTECH, Inc.***					
Name	Rhaoul Guillaume, Sr., P.E., F.ASCE			Years of relevant experience with this employer	41
Title	Principle			Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization			Bachelor-of-Science / 1971 / Civil Engineering; Bachelor of Arts / 1971 / Mathematics		
Active registration number / state / expiration date			P.E. License No. 20083 / LA / 9-30-22		
Year registered	1982	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities			Principal-in-Charge		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
04/15 - Present	**LADOTD Contract for Engineering and Surveying Services (Contract No. 4400004485; Project No. H.009320) – Acadian Rd Roundabout, Route LA 20 (Canal Blvd) & Local Routes (Back Street, Jackson Street, Thompson Place), Thibodaux, LA:** Mr. Guillaume is overall responsible for providing the required services for the project. GOTECH serves as Sub-Consultant to Hartman Engineering.
05/18 - Present	**LA DOTD Retainer Contract for Electrical Services (Contract No. 4400002746; Project No. H.013442.5) – I-10 at Crowder Blvd Interstate Lighting, Orleans Parish, LA:** Mr. Guillaume is the client liaison and is overall responsible for providing the required engineering and surveying services for the project. GOTECH serves as a Sub-Consultant to GEC, Inc..
01/18 - Present	**LADOTD Prospect Blvd Sidewalks, Terrebonne Parish, (Contract No. 4400010389) – Prospect Blvd Sidewalks, Terrebonne Parish, LA**: Mr. Guillaume is the client liaison and is overall responsible for providing the required engineering and surveying services for this project. GOTECH is the Prime Consultant.
10/14 - Present	**LADOTD Retainer Contract for Construction Engineering Management & Staff Augmentation Services (Contract No. 4400004729) — District 03 (Acadia, Lafayette, Evangeline, Iberia, St. Landry, St. Martin, St. Mary & Vermilion Parishes, LA):** Mr. Guillaume is the client liaison and is overall responsible for providing the required engineering and inspection services for the project. GOTECH is a Sub-Consultant to GEC, Inc.
02/18 - 04/18	**LADOTD North Kenner Pedestrian Improvements, Orleans Parish, LA (Contract No. 4400005891):** Mr. Guillaume was the client liaison and was overall responsible for providing the required engineering and surveying services for the project. GOTECH was a Sub-Consultant to Digital Engineering and Imaging, Inc.
09/07 - 09/13	**LA DOTD New Orleans Submerged Streets Repair, Jefferson & Orleans Parishes, LA (Project No. 704-92-0036 & 704-92-0037):** Mr. Guillaume was the client liaison and was overall responsible for providing the required engineering and surveying services for the project. GOTECH was a Sub-Consultant to HNTB.
02/09 - 08/12	**LADOTD I-12 Widening Design-Build, East Baton Rouge & Livingston Parishes, LA (Project No. 454-01-0047 & 454-02-0025):** Mr. Guillaume was the client liaison and was overall responsible for providing the required engineering, inspection and surveying services for the project. GOTECH was as a Sub-Consultant to James Construction Group.

06/10 - 06/11	LADOTD Bridge Indenture, Inspection & Consulting Services, Orleans, Jefferson & St. Bernard Parishes, LA (Project No. 700-99-0510): Mr. Guillaume was the client liaison and was overall responsible for providing the required engineering, inspection and surveying services for the project. GOTECH was a Sub-Consultant to TRC.
02/06 - 05/11	LA DOTD John James Audubon Bridge Design / Build Project, St. Francisville, LA (Project No. 052-02-0024): Mr. Guillaume was the client liaison and was overall responsible for providing the required engineering, inspection and surveying services for the project. GOTECH was a Sub-Consultant to Audubon Bridge Constructors.

Firm employed by ***GOTECH, Inc.***			
Name	John "Sparky" Hoffman, P.E.	Years of experience with this firm/employer	16
Title	Design Engineer	Years of experience with other firm(s)/employer(s)	29
Degree(s) / Years / Specialization	Bachelor-of-Science / 1977 / Civil Engineer NHI Course No. 142005 National Environmental Policy Act (NEPA) and Transportation Decision Making / 2002 Certified Traffic Control Supervisor – ATSSA Expires 09/2023 Flagger – ATSSA Expires 05/10/2025		
Active registration number / state / expiration date	19536 / LA / 9-30-2023		
Year registered 1981	Discipline: Civil Engineer		
Contract role(s) / brief description of responsibilities	As Engineering Coordinator, Mr. Hoffman's experience includes design studies for roadway and bridge projects, traffic projections and capacity analyses, traffic signal construction plans, urban roadway system improvements with added turn lanes and signalization plans, and ITS studies.		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc.
07/19-Present	Program Management at Baton Rouge Metropolitan Airport City of Baton Rouge / East Baton Rouge Purchasing Department: Subconsultant to AMG, LLC (Airport Management Group, LLC) JV: Kutchins & Groh, LLC / Digital Engineering & Imaging, LLC / GOTECH, Inc. / John Young Consulting Group As part of a Joint Venture, GOTECH is assisting in providing Program Management Services for the Baton Rouge Metropolitan Airport under a Work Authorization Contract that could extend for up to five years. The scope of services entails management and budgeting of proposed construction projects from conception, design, and construction. Mr. Hoffman has assisted with the project management for four projects at the Baton Rouge Metropolitan Airport. These projects have included the Parking Garage Repairs, Airpark Boulevard Extension, ARFF Security Perimeter Road, South GA Apron Repair and Taxiway Connector. Duties have included project budgeting, final design and specification review, and management of the bidding and award process. These projects have been completed or presently under construction.
03/16-05/18	Baton Rouge Metropolitan Airport – BTR Master Plan Study Runway 13-31 RPZ + RSA Area Improvements EA/BCA, East Baton Rouge, LA – Project Manager As part of the project team and working under Kutchins & Groh, LLC, Mr. Hoffman was responsible for providing engineering services for the roadway alternatives to allow for the relocation of Plank Road on the southeast side of the Airport. This project would allow for the recovery of the Runway 31 safety area and runway protection zone. The studies also included proposed improvements to Hooper Road between the existing Plank Road intersection and the new intersection with relocated Plank Road. Mr. Hoffman was the project manager providing

	alignment studies and preliminary cost estimates. This project resulted in the successful receipt of the Finding of No Significant Impact from the Federal Aviation Administration. The project is currently under design.
03/06–07/19	City of Baton Rouge/East B.R. Parish Program Management Services for Transportation & Street Improvement Program "Green Light Plan", East Baton Rouge Parish, LA – Director of Engineering GOTECH Worked as a subconsultant under CSRS, Inc. for and with the City/Parish, Mr. Hoffman was responsible for the review of all planning and engineering performed for the program. This program successfully completed of over 40 roadway and bridge projects throughout the Parish. They included major 4-lane projects such as Central Thruway, Burbank Drive, Highland Road, Siegen Lane, Jones Creek Road, O'Neal Lane, S. Harrell's Ferry Road, Starring Lane, Stumberg Lane, and Sullivan Road. Projects have also included major intersection improvements such as Coursey Blvd. at S. Sherwood Forest Blvd., S. Foster at Government St., S. Acadian at Perkins Rd., and Essen Lane at Interstate 10. Work included the management of the projects through all phases including concept design, environmental clearance and permitting, final plan design, specifications, utility coordination, bidding and award, and construction administration. Close coordination with the City/Parish and LADOTD was maintained to ensure conformance to agency design criteria and requirements.
02/16-11/16	4400003592: LA DOTD Retainer Contract for Roadway Projects - LA 3249 - Roundabout at I-20/Well Road - Route LA 3249, Ouachita Parish As a Sub-Consultant to Denmon Engineering Company, Inc., as the Project Manager, GOTECH, Inc. provided the geometric design and design plan sheet for the proposed roundabout located at the intersection of the I-20 westbound ramps and LA 3249. The roundabout was designed to consider future widening and maintenance of ramp traffic during construction. Mr. Hoffman was the responsible for the geometric design of the roundabout.
05/77-06/06	Previous experience includes 30 years of design and management of transportation and civil engineering projects. These have included major Interstate corridor and bridge studies, preliminary and final roadway construction plans, as well as aviation and wastewater projects. Assignments have included Line and Grade Studies, project management for Environmental Assessments and Environmental Impact Statements, preparation for preliminary and final construction plans for Interstate Highways and rural and urban arterial roadways. Mr. Hoffman's traffic engineering experience includes design studies for roadway and bridge projects, traffic projections and capacity analyses, traffic signal construction plans, urban roadway system improvements with added turn lanes and signalization plans, and ITS studies.

Firm employed by ***GOTECH, Inc.***				
Michael Major			Years of relevant experience with this employer	3
Survey Party Chief			Years of relevant experience with other employer(s)	14
Degree(s) / Years / Specialization			N/A	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Mr. Major is presently a Field Technician with over 15 years of survey experience. Mr. Major has a working knowledge of total station operation, EDM equipment, Fathometer/Hydro equipment, data collection and GPS equipment. Previous employment as a Head Field Technician, he has experience in installation of power lines in Baton Rouge and Lafayette, LA and McComb, MS. He has been involved in nearly every aspect of field surveying to include: - First order baseline traversing - Property boundary surveys - Cadastral layout - Cross section surveys - Topographic surveys - Construction layout - Automated hydrographic surveys - Photogrammetric surveys - Infrastructure surveys - Levee centerline profile surveys	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
11/19 – Present	New Orleans Street Rehabilitation: New Orleans Department of Public Works, Orleans Parish, LA Mr. Major is the field technician providing topographic surveying services for roadway rehabilitation design. The project included static GPS control surveys, elevation level loop runs, and conventional topographic field surveys. Topographic field information gathered included roadway/pavement surface features, drainage structures, both surface and subsurface utilities, and survey data on all features within the apparent right-of-way. All field data was collected in standard DOTD electronic feature code format.
10/19 – Present	Smuckers Distribution Facility, Ascension Parish, LA As field technician Mr. Major provides topographic surveying and mapping services for the Smuckers project. The work is located in Lacombe, Louisiana on highway 434. GOTECH field crews obtained field data near a 27-acre site. GOTECH also mapped the data in an AutoCAD version for the designers to use. The topographic map showed existing features as pavement, ditches, culverts, lighting, signs, utility poles, traffic controls, driveways, and other utilities.
09/17 – 03/19	CSRS, Baton Rouge, Louisiana As Senior Crew Chief, Mr. Major led crew in large scale community development from preliminary topographic and boundary surveys to construction as-built. Built a reputation for maintaining a profitable survey team. Lead crew chief in bringing survey department from profit loss to a positive profit margin of 42% in one year.

05/16 – 09/17	SAM, Inc. As Senior Crew Chief, Mr. Major worked on large scale ROW and construction projects as an Entergy subcontractor. Worked as the only surveyor for the entire Louisiana region and maintained all deadlines. Senior crew chief and lead for multiple survey crews.
08/14 – 05/16	Quality Engineering As Survey Crew Chief, Mr. Major led crew on large scale topographic and boundary surveys. Worked at Honeywell Geismar as survey QC.
08/07 – 08/14	Ferris Engineering, Baton Rouge, Louisiana As Survey Crew Chief, Mr. Major assisted in creating documentation through processing techniques in AutoCAD 3D. Led crew in sub-millimeter stakeout jobs and 3-dimensional topographic surveys in the construction of large-scale modules for the petrochemical industry. Communicate one on one with supervisory figures to assure the highest of quality work.
05/06 – 06/07	Chustz Surveying, Inc., New Roads, Louisiana As Instrument Technician, Mr. Major operated survey equipment for U.S. Army Corps of Engineers after the 17th Street Canal disaster in New Orleans, LA. Topographic surveys of the levee systems post Hurricane Katrina. Experience in hydrographic surveys using single beam and multi beam systems.

Firm employed by ***GOTECH, Inc.***				
Name	Robert Price, P.L.S.		Years of relevant experience with this employer	5
Title	Director of Operations		Years of relevant experience with other employer(s)	20
Degree(s) / Years / Specialization			Master of Science / 2009 / Engineering & Technology Management Bachelor of Science / 1997 / Survey & Mapping Bachelor of Science / 1993 / Industrial Technology & Building Construction	
Active registration number / state / expiration date			P.L.S. License No. 4889 / LA / 3-31-2024	
Year registered	1992	Discipline	Professional Land Surveyor	
Contract role(s) / brief description of responsibilities			Mr. Robert Price is a Licensed Professional Land Surveyor with more than 20 years of experience in land surveying and mapping; project management; and personnel management. He has provided surveying and utility location designation support for pipeline, road improvement, LNG facilities, oil and gas well locations, and private development projects.	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
04/15 - Present	LADOTD Contract No. 4400004485; State Project No. H.009320: Acadian Rd Roundabout, Route LA 20 (Canal Blvd) & Local Routes (Back Street, Jackson Street, Thompson Place), Thibodaux, LA Mr. Price was the Professional Land Surveyor providing professional supervision and project management oversight for the right-of-way mapping services to support parcel acquisition required for design of a new road roundabout in Thibodeaux, Louisiana. Project included field property surveys performed to DOTD survey standards and parcel title work reviews of affected properties. Final right-of-way map and parcel description deliverables, along with MicroStation parcel mapping files, were reviewed and submitted in accordance with established DOTD Location and Survey delivery requirements.
10/17 - Present	Move Ascension Henry Road Safety Widening (LA 73 Tillotson Road/Akins Road) Ascension Parish, LA Mr. Price is the project manager providing the topographic surveying and mapping services to support the design and right-of-way acquisition for the Move Ascension - Henry Road widening project. Project surveys were in support of new design to widen approximately 8-miles of roadway in Ascension Parish. GOTECH is a Sub-Consultant to GSA, Inc.
04/18 - 06/18	LADOTD Contract No. 4400005891; State Project No. H.012479: Local Road Safety Program / Safe Routes to School Peltier Park Sidewalks Mr. Price was the Survey Project Manager managing the topographic survey to support design for various sidewalk, driveway and handicapped curbed ramp improvements along the perimeter of Peltier Park in Thibodeaux, Louisiana. Project field activities included a 2,400-linear foot existing conditions and utility survey utilizing Louisiana DOTD electronic data collection standards. The final deliverables for the project consisted of detailed plan/profile sheets drawn for the project alignment.

05/17 - 07/17	LADOTD Contract No. 4400005660; State Project No. H.012874.5: I-55 at Hwy 22 Interchange Lighting, Tangipahoa Parish, LA As Survey Project Manager, Mr. Price professionally managed the topographic and utility location survey services in support of design plans and specifications for the I-55 at LA Hwy 22 Interchange Lighting in Tangipahoa Parish. Survey crews conducted a complete topographic, elevation and utility survey within the entire limits of the I-55 Interchange with LA Highway 22. The topographic survey included data collected on the highway crossing exit/entrance ramps and elevated overpasses in addition to the location of both above ground and subsurface utilities required to facilitate design of lighting structures. All final deliverables were certified and submitted in strict accordance with DOTD Location and Survey standards.
10/17 - 03/18	LADOTD Contract No. 4400002746; State Project No. H.012602.5: I-10 at Morrison Rd Interstate Lighting, Orleans Parish, LA Mr. Price provided project oversight as a Professional Land Surveyor with supervision and project management of topographic surveys to support various interstate lighting design projects. The projects included static GPS control surveys and topographic field surveys performed to DOTD survey standards within the full limits of the highway interchange. The survey field information gathered included roadway surface features, drainage structures, designated subsurface utility locations, and structure data on elevated portions of the interstate bridge overpass. Final deliverables, and MicroStation mapping files, were certified and submitted in accordance with established DOTD Location and survey delivery requirements.
08/03 - 10/07	LADOTD U.S Hwy 165, Georgetown to Tullos, Grant and LaSalle Parishes, Louisiana Mr. Price served as the Survey Coordinator responsible for deed research and property monument recovery in connection with the property survey along a six (6) mile section of the existing U.S. Hwy 165 roadway from Georgetown to Tullos. Survey consisted of locating and retracing the boundary lines of approximately 100 property owners. Several restorations of Public Land Survey corners were undertaken as required in the determination of boundary lines.

Firm employed by ***GOTECH, Inc.***				
John Schexnayder, P.E., CFM, CSM			Years of relevant experience with this employer	5
Project Manager			Years of relevant experience with other employer(s)	11
Degree(s) / Years / Specialization			B.S. / 2003 / Civil Engineer ASFPM – Certified Floodplain Manager 2014 / US-14-07449 APWA – Certified Stormwater Manager 2014	
Active registration number / state / expiration date			33284 / LA / 9/30/2023	
Year registered	Civil Engineer	Discipline	Registered Professional Civil Engineer	
Contract role(s) / brief description of responsibilities			Project Manager / Mr. Schexnayder is a registered professional civil engineer and serves as a project manager at GOTECH, Inc. His duties include design, coordination, technical construction document preparation, specification preparation, and quality control review for projects. Mr. Schexnayder also represents GOTECH as a project manager at meetings with public, federal, state and local government and private owners. Mr. Schexnayder has a variety of experience on drainage improvement projects, sewer system design, pump station upgrades, roadway design, site work design and cost estimating. He also has experience in hydrologic and hydraulic modeling and analysis.	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
03/15-12/16	LA DOTD Retainer Contract for Safety Studies (4400004403) GOTECH was a subconsultant to AECOM on State Project Number H.0011489.5 – Low-Cost Safety Improvements Statewide. Mr. Schexnayder, as project manager, this project included identifying effective roadway departure countermeasures, selecting appropriate countermeasures for highway curves, and preparing plans/cost estimates. There was a total of 282 curves included in this project located throughout the state. GOTECH's main role was plan preparation for the identified safety improvements at each curve location and preparing cost estimates.
02/12-present	Pointe-Marie: A New Village, Baton Rouge, LA Mr. Schexnayder is a professional engineer with over 18 years' experience on a wide variety of civil engineering projects including project management, land development, hydraulics and hydrology, stormwater management, site design, roadway design, infrastructure design, and construction administration. He served as the design engineer and project manager for Pointe-Marie Phase I (Baton Rouge, LA), and is currently the project manager for MOVEBR Scenic Hwy Enhancement Project (Harding Blvd. to Swan Ave), Baton Rouge, LA. He is also a Certified Floodplain Manager and an APWA Certified Stormwater Manager.

	Mr. Schexnayder is the project manager and engineering lead for the on-going design and construction of Pointe-Marie. This project entails community development of a mixed-use village encompassing over 120 acres. His duties include design of roadways, pedestrian facilities, drainage, grading, sanitary sewer system, utility layout and coordination, and overseeing construction activities.
09/17-03/18	Milan Group A: City of New Orleans, Department of Public Works Mr. Schexnayder was the project manager for a substantial roadway project in New Orleans, LA. This project entailed pavement repairs and rehabilitation of several blocks of city streets, including pavement patch and overlay, sidewalks and utility coordination.
10/15-02/18	@Highland Commercial Development, Baton Rouge, LA Mr. Schexnayder was the project manager and civil engineer for the on-going @Highland Commercial Development. This project entailed the development of a 9-acre technology campus, located in Baton Rouge, LA. His duties included design of roadways, sidewalks, grading, drainage, sanitary sewer system, utility layout, and overseeing construction activities.
01/18-present	Prospect Blvd Sidewalks – LA DOTD – Terrebonne Parish (4400010389) Mr. Schexnayder is the project manager for this project which consists of providing the topographic survey and design for approximately 2,800' of ADA compliant sidewalk along the eastern side of Prospect Blvd from LA 24 (East main St.) to Woodside Drive in Terrebonne Parish. This is an Urban Systems Project being prepared for the Terrebonne Parish Consolidated Government in accordance with LADOTD requirements. GOTECH's role includes topographic survey, preliminary plans, and final plans, in accordance with Louisiana Department of Transportation and Development standards. The final plans include typical sections and details, summary of estimated quantities, cost estimate, and stormwater prevention pollution plan.
08/12-12/13	Regional Planning Commission - ADA Transition Plan, Jefferson Parish, LA Mr. Schexnayder was the project manager for the ADA Transition Plan for the Regional Planning Commission in Jefferson Parish, Louisiana. GOTECH prepared a transition plan by identifying and prioritizing intersections most in need of ADA accessibility. GOTECH produced site sketches showing suggested improvements and also provided construction cost estimates. GOTECH was the prime consultant for this project.
07/17-present	Baker High School, Baker, LA Mr. Schexnayder is the project manager for this project which involves rebuilding and restructuring Baker High School's campus in response to major flood damage that occurred during the flood of 2016. As part of this project, several flood-damaged buildings are being demolished and a new main campus building is being constructed. GOTECH's role in this project includes infrastructure design to facilitate the rebuilding and restructuring of the campus. This includes design of site grading and earthwork, roadway and entrance roads, pedestrian paths, drainage, sewer, utilities, and erosion control.

Firm employed by ***GOTECH, Inc.***					
Name	Hogan Smith, E.I.			Years of relevant experience with this employer	2
Title	Engineer Technician			Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			Bachelor of Science / 2020 / Civil Engineering		
Active registration number / state / expiration date			E.I. License No. 0034502 / LA / 9-30-24		
Year registered	2020	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities			Mr. Smith is an Engineer Intern at GOTECH in the civil engineering department. He is a graduate of Louisiana State University with a Bachelor of Science degree in civil engineering. Mr. Smith has design experience on roadway improvement projects. His duties include hydraulic design, hydrologic calculations, drainage design, roadway profile design, intersection geometrics and typical section layout. He also has experience with construction cost estimating and detailed quantity calculations.		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
02/20 - Present	Pointe-Marie, Baton Rouge, LA: Mr. Smith assisted in the development of construction plans for this 120-acre Traditional Neighborhood Development including drainage, roadways, and utilities.
02/21 – 03/21	Dickory Ave., Jefferson Parish, LA – Mr. Smith assisted in the investigation of existing site drainage and the completion of the drainage map for the proposed area of Dickory Avenue.
09/20 – 03/21	Holiday Drive Bridge, Orleans Parish, LA. – GOTECH provided topographic survey and related drawings to support design for replacement of the existing Holiday Drive Bridge over the Algiers Canal in New Orleans. Mr. Smith served as a design technician, producing the CAD drawings for the project. GOTECH was a subconsultant to Neel-Schaffer, Inc.
02/20 – 03/21	New Orleans Streets Rehab (RR119, RR120), Orleans Parish, LA – Mr. Smith assisted in the development of construction plans by designing storm water drainage using LADOTD HYDR WIN program, created drainage maps, completed mark-ups of project drawings in AutoCAD Civil 3D, and completed cost estimates.
11/20	New Orleans Streets Rehab (RR184), Orleans Parish, LA – Mr. Smith assisted in the completion of road design of six streets using AutoCAD Civil 3D by completing mark-ups on the typical sections, plan/profile sheets, cross sections, and geometric detail drawings.
02/20 – 09/20	New Orleans Streets Rehab (RR101, RR102), Orleans Parish, LA – Mr. Smith assisted in the development of construction plans by designing storm water drainage using LADOTD HYDR WIN program, created drainage maps, completed mark-ups of project drawings in AutoCAD Civil 3D, and completed cost estimates.

Firm employed by ***GOTECH, Inc.***					
Name	James "Drew" Walsh, P.E., PMP, CFM		Years of experience with this firm/employer	3	
Title	Engineering Project Manager		Years of experience with other firm(s)/employer(s)	22	
Degree(s) / Years / Specialization	Bachelor-of-Science / 1996 / Environmental Engineering United States Military Academy, West Point, NY Master's in Business Administration / 2003 / Louisiana State University				
Active registration number / state / expiration date	29340 / LA / 3-31-2023 Project Management Professional / Certification # 231196 / 2019 NABCEP Certified PV Installation Professional / Certification # PV-102415-003096 / 12/2015 Certified Traffic Control Supervisor – ATSSA Expires 2/2023 Certified Traffic Control Technician – ATSSA Expires 2/2023				
Year registered	2001	Discipline	Civil		
Contract role(s) / brief description of responsibilities	Mr. Walsh is a talented leader and engineer with 20+ years' experience. Mr. Walsh is an Engineer at GOTECH who specializes in Project Management, Hydraulics, Hydrology, Utility Coordination and Site Engineering. Mr. Walsh has a broad base of experience on engineering projects across Louisiana in a variety of settings. He has done SUE investigations on many projects involved with, including LA DOTD roadway projects, sewer rehabilitations, sight development, drainage improvements and other civil projects.				

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc.
02/19-Present	Pointe-Marie: A New Village, Baton Rouge, LA Mr. Walsh is currently the project manager and lead engineer for the on-going design and construction of Pointe-Marie. This project entails a planned community development of a mixed-use village encompassing over 120 acres. His duties include the design of roadways, drainage, grading, sanitary sewer system, utility layout and coordination and overseeing construction activities. Phase I is complete and working on Phase II. Mr. Walsh developed a Hydraulic Model for the 120ac Pointe-Marie development to Master Plan the drainage. From the model, developed construction plans for 5 drainage projects that will improve the drainage for this development. Working to improve drainage across overhead utilities and underground pipelines in the north end of the property to include Entergy Transmission and Distribution, Shell Pipeline, Baton Rouge Sewer Force Main and Entergy Gulf States. Mr. Walsh developed a Hydraulic Model for the 120ac Pointe-Marie development to Master Plan the drainage. From the model, developed construction plans for 5 drainage projects that will improve the drainage for this development.

08/08-08/11	US Army Corps of Engineers, Hurricane Protection Office Mr. Walsh was Senior Project Manager for Permanent Canal Closures and Pumps. This was a $700M project for three Permanent Canal Closure and Pump Stations for the 17th Street, London Ave and Orleans Ave Canals. He managed the writing of the Request for Proposals (RFP), the completion of the Environmental Report, gaining the Partnership Agreement with the Non-Federal Sponsor, Orleans Parish Sewage and Water Board, CPRA, SLFPA-E and the Orleans Levee District, and the advertisement of the project. He was working on finalizing the real estate acquisition and preparing for the project kickoff and outlining the requirements of the Government's involvement. He was part of the selection committee during the selection of the contractor.
07/06-08/08	Stuart Consulting Group Mr. Walsh was Project Manager, US Army Corps of Engineers, Hurricane Protection Office. Managed 20 projects from engineering, design, production of plans and specifications by an A/E, through advertisement, award and construction. Managed project budgets and schedules as well as project engineers and quality assurance representatives during construction. These projects were for the Task Force effort to repair damage caused by Hurricane Katrina to Orleans, Jefferson, St. Bernard and Plaquemines Parishes Pump Stations, totaling over $100M. Coordinated with the following the levee districts as a part of this project, Orleans, Pontchartrain, Lafourche, East and West Jefferson, Algiers and Lake Borgne, and was presenting to them and attending meetings as they were forming into SLFPA-East and SLFPA-West after Hurricane Katrina as well as CPRA.
96-07/06	Lapalco Blvd. (Jefferson Parish) – Shread – Kuyrkendall & Associates, Inc. Mr. Walsh was the Civil / Hydrologic / Hydraulic Engineer and project manager for design and construction project. LADOTD supervised project due to federal funding. Mr. Walsh surveyed the project and I took the survey data, downloaded and processed it and imported it into MicroStation to be used for the design and developed the surface used to design and make cross sections in InRoads. Engineered the subsurface drainage system, cross drains, horizontal and vertical alignments, typical sections and plans. Jefferson Parish selected the contractor and I managed the construction phase of this project. Responsibilities include approving pay estimates and material submittals, resolving all construction and design problems, managing material sampling plans, coordinating with parish officials, contractors and property owners, submitting plan changes to proper agencies, and managing field books and daily diaries. Also responsible for managing and supervising all inspection activities for this federally funded project. Construction Cost: $9.1M. Worked on engineering, design and surveying of the following LADOTD road design projects: o LA 964 – US 61 to LA 63 o US 171 – Many, Sabine Parish o Groom Rd – LA 964 to LA 19 o Lapalco Blvd – Barataria Blvd to Harvey Canal

Firm employed by Vectura Consulting Services, LLC					
Name	Sheelagh Brin Ferlito, PE, PTOE			Years of experience with this firm/employer	7
Title	Supervisor			Years of experience with other firm(s)/employer(s)	27
Degree(s) / Years / Specialization			B.S. / 1988/ Civil Engineering		
Active registration number / state / expiration date			PE.0025383 / LA / 9/30/2023		
Year registered	1993	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Safety Analysis QC		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
07/19 – current	**H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement PPP (Belle Chasse, LA)** Brin is the project manager for the **temporary and permanent traffic signal plans** for the intersections of LA 23 at Burmaster St and at Engineers Rd. She based her traffic signal plans on **design year volumes** that were developed using growth rates from the New Orleans Regional Planning Commission Travel Demand Model. This project is the first ever Public-Private-Partnership performed by Louisiana DOTD.
02/17 – 03/18	**H.972275.1 Harrison Road Extension Land Use and Transportation Study (Abita Springs, LA)** Brin was the lead traffic engineer of this traffic study which was to provide the traffic operational analysis for the proposed Harrison Avenue extension and the two Harrison Avenue intersections at LA 59 and at LA 36. In addition, the study examined the impact that the extension would have on the existing roundabout on LA 59 at LA 36. 7-day, 24-hour tube counts were collected to determine the peak periods. Turning movement counts were also collected to establish a base condition. Vectura worked with the RPC to establish projected volumes for the new road. Once all parties accepted the traffic volumes, an alternative analysis was performed that included traffic signal warrants for the signalized alternatives.
01/17 – 07/17	**Stage 0 Feasibility Minnesota Park Road Improvements (Tangipahoa Parish, LA)** Brin was the task leader for a safety analysis and traffic signal timings of a **Stage 0 Feasibility Study**. Brin utilized Vistro software to develop the signal timings that were entered in Sidra for a Highway Capacity Manual Analyses. Brin also assisted Laurence with the traffic data collection and provided Quality Control review of the traffic study.
02/17-10/17	**Stage 0 Judge Tanner Boulevard at N. Causeway Roundabout Study (St. Tammany Parish, LA)** Brin developed the safety analyses for a **Stage 0 Study** for 4 intersections in the Mandeville area. The study was based on EDSMs VI.1.1.1 / VI.1.1.5 and DOTD Traffic Engineering Manual Section 20.2. Brin assisted collecting 7-day, 24-hour counts w/ Classification, turning movement counts for peak periods and speed data for mainlines. She developed signal timing in the PTV Vistro software. The signal timings were then used in Sidra to complete the HCM analyses. Brin provided a quality control review of the traffic report.
06/16-09/17	**H.004490 Stage 0 Roundabout Studies (Lafayette Parish, LA)** Brin developed sections of a **Stage 0 Feasibility Study** for roundabouts the conformed to DOTD EDSMs and Traffic Engineering Manual Section 20.2 at ten intersections in the Lafayette area. Brin, along with Laurence, collected 7-day, 24-hour counts w/ classification, turning movement counts for AM and PM peak periods and speed data for mainlines. Brin provide a QC review of the Sidra analyses and developed traffic signal timing for 3 intersections for Years 2019 and 2039, AM & PM peak hours and developed a crash analyses as defined in Section 20.2 of TEM. CMF factors were identified for the preferred alternative to predict the number of crashes that could be eliminated. Brin provided a QC review of the final draft.
08/12-05/13	**H.009998 LA 935 Safety / Stage 0 Study (Ascension Parish, LA)** Brin developed the safety analyses report for the **Stage 0 Study**. She coordinated and collected existing traffic data using Jamar equipment. She used HCS and Interactive Highway Safety Design Model (IHSDM) Software for the analyses. She developed MicroStation drawings with scaled aerials to show crash diagram locations as well

	as proposed alternate layouts. Histograms developed in Excel were used to show the comparison of various crash conditions with statewide averages. Crash records for 3 years were obtained from crash1 database.
01/09 – 03/12	**S.P. No. 700-99-0332 US 165 Corridor Study Pineville** Brin was the Senior Project Engineer for a corridor traffic study in Pineville, LA. The project included traffic data collection, forecast traffic volume development, existing analyses and proposed **alternative analyses** that included improved traffic signal timings. She used Highway Capacity Manual software, Sidra software and VISSIM traffic simulation software to evaluate existing and proposed alternative conditions. Access management principles were applied to the proposed alternatives.
08/07-01/08	**S.P. No. 700-99-0332, T.O. N0. 701-65-0868, I-12 VISSIM Modeling (East Baton Rouge Parish)** Brin reviewed collected traffic data, historical traffic data and observed queues on I-12 and the interchanges between Airline Highway and O'Neal Lane during the peak periods. She developed peak hour traffic volume maps for the study area and then developed the VISSIM Model for the peak hours that included static routing, demand traffic volumes, lane geometry, conflict areas, and priority rules to replicate existing conditions. She also developed VISSIM models for **alternative analyses** options to the O'Neal Lane ramps.
09/17-04/18	**US 11 at US 190 Bus. (Fremaux Ave.) Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Equipment Design Slidell, LA** Brin developed a formal traffic study for a proposed crosswalk with pedestrian traffic signal equipment and pedestrian clearance timings based on DOTD requirements. Brin assisted with vehicle and pedestrian data collection, analyzed 3-year intersection crash data and developed signal timing for pedestrians to cross the street. Her report included **alternative analyses** options for intersection improvements.
09/16-04/17	**H.004957.5 I-12 To Bush - LA 3241 (I-12 – LA 36) Corridor Study (St. Tammany Parish, LA)** Brin was the project manager of a formal DOTD traffic study for the new alignment of LA 3241 with the purpose of obtaining both existing and projected future traffic variables in accordance with standard operating procedures typically performed in these types of analyses. The traffic study included **alternative analyses** to improve the safety and efficiency of the roadway consistent with the latest DOTD policies related to access management and complete streets. Specific access management features examined included intersection improvements, median openings, and U-turns, spacing and type of openings, signalization of intersections and roundabouts. Brin developed the safety analyses report for the project

(Add rows as needed)

Firm employed by	Vectura Consulting Services, LLC				
Name	Laurence Lucius Lambert, II, PE, PTOE, PTP			Years of experience with this firm/employer	7
Title	Supervisor			Years of experience with other firm(s)/employer(s)	18
Degree(s) / Years / Specialization			B.S./1997/Civil Engr. M.S./2006/Civil Engr. (Transportation focus) M.B.A./2010		
Active registration number / state / expiration date			PE.0029901 / LA / 3/31/2024		
Year registered	2001	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Traffic Studies QC		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
02/20 – 09/21	**College Drive Corridor Enhancement from Perkins Road to I-10 (Baton Rouge, LA)** Laurence was the **project manager to develop Chapter 1 (Data Collection), Appendix A (Initial Data Collection), and Appendix B (Final Data Collection)** for proposed improvements College Drive. Since the I-10 interchange was included in the study, **approval from DOTD was required**. Vectura collected, turning movement counts, 85% speed data, travel time runs, queue measurements, field observations, verification of Traffic Signal Inventories, and bicycle / pedestrian / transit observations.
02/21 – 12/21	**LA 67 (Plank Rd) Corridor Enhancement – Dawson Street to Harding Blvd (Baton Rouge, LA)** Laurence is the principal in charge for the MOVEBR project on a state route (LA 67). Laurence in cooperation with DOTD and the City-Parish of East Baton Rouge wrote the scope for a bicycle and pedestrian enhancement project. The scope was written to conform to the TEPR process. Laurence will provide all Quality Control (QC) and project management functions of the project.
10/17 - 10/18	**H.013025 LA 182 (University Avenue) Corridor Planning Study (Lafayette, LA)** Laurence was the lead transportation engineer for a **Corridor Planning Study** for LA 182. The scope focused on improving safety and mobility for pedestrian, bicycle, and transit users. Laurence collected AM & PM peak vehicle turning movement counts as well as pedestrian and bicycle counts. Laurence coordinated with the Acadiana Planning Commission to **develop growth rates and design year volumes**. Laurence then performed Highway Capacity Manual analysis for 5 intersections along the intersection analyses for the signalized and roundabout controlled alternatives. Included in the study was a **safety analyses** of five intersections and the intermediate segments. Based on the results of the safety analysis, Laurence provided design criteria to the design team for improving safety of pedestrians, bicycles, and vehicles.
02/17 - 10/17	**STPN 17-023 Stage 0 Judge Tanner Boulevard at N. Causeway Roundabout Study (St. Tammany Parish, LA)** Laurence developed a **Stage 0** Feasibility Study for roundabouts at 4 intersections in Mandeville area. Laurence, along with Brin, collected 7-day, 24-hour counts w/ classification on mainlines, turning movement counts for peak periods and speed data for mainlines. Laurence coordinated with the New Orleans Regional Planning Commission to develop growth rates and design year volumes from the TransCAD model. He performed traffic signal warrants analyses, performed a Sidra unsignalized, signalized and roundabout analyses.
06/16 - 09/17	**H.004490 Stage 0 Roundabout Studies, (Lafayette Parish, LA)** Laurence performed a **Stage 0 Feasibility Study** for roundabouts at ten intersections in the Lafayette area. The scope was developed based on EDSMs VI.1.1.1 / VI.1.1.5 and DOTD Traffic Engineering Manual Section 20.2. Laurence, along with Brin, **collected 7-day, 24-hour counts w/ classification, turning movement counts for peak periods and speed data for mainlines**. Once the traffic data was collected, Laurence performed **traffic signal warrants analyses**, performed a Sidra unsignalized, signalized and roundabout analyses. After the analyses were completed, Laurence developed a report that captured the results.
09/16 - 04/17	**H.004957.5 I-12 To Bush - LA 3241 (I-12 – LA 36) Corridor Study (St. Tammany Parish, LA)** Laurence was the lead traffic engineer for a **DOTD traffic study** for the new LA 3241 alignment with the purpose of obtaining both existing and projected future traffic variables in accordance with standard operating procedures typically performed in these types of analyses. Laurence worked closely with

	the NORPC and District 62 to develop design year volumes using data the TransCAD model. The traffic study examined concepts that improved the safety and efficiency of the roadway consistent with the latest DOTD policies related to access management. Laurence, along with Brin, **collected 7-day, 24-hour counts** w/ classification on mainlines, turning movement counts for morning and evening peak periods and speed data for mainlines. Laurence also developed a VISSIM **traffic simulation model** of the preferred alternative.
01/17 – 07/17	**Stage 0 Feasibility Minnesota Park Road Improvements (Tangipahoa Parish, LA)** Laurence was the task leader for traffic data collection and intersection analyses of a **Stage 0 Feasibility Study**. Laurence utilized the Highway Capacity Manual Analyses software Sidra software to perform an alternative analysis. Laurence was the principal author of the traffic study for the **Stage 0**.
03/10 - 11/11	**S.P. No. 700-09-0171 Stage 0 and 1 Study I-49 Inner City Connector (Shreveport, LA)** This 3.5-mile route will connect existing I-49 / I-20 interchange to the proposed I-49 / I-220 interchange. After completing the **Stage 0**, Laurence was the project manager for the traffic analyses for the EA phase. The total traffic analyses effort included over 30 TransCAD Models, 20 interchanges and 70 intersections. Analyses included signalized and unsignalized intersections, basic freeway segments, freeway merge / diverge segments and freeway weaving segments at the studied intersections and interchanges. This project included performing both Interchange Modifications Reports (IMRs) and Interchange Justification Reports (IJRs).
11/09 – 08/10	**I-12 at Millerville Road Interchange Modification Request (Baton Rouge, LA)** The scope of this project consisted of preparing and obtaining environmental clearance for the proposed future roadway and signal improvements at the I-12 / Millerville Road Interchange. Laurence prepared documents and obtained environmental clearance for all on-site work and held public meetings. Laurence developed all HCS analyses and a micro-simulation model. Laurence also participated in several public meetings to satisfy the environmental clearance requirements.
04/04 - 09/06	**Stage 0 I-10 at Pecue Lane Interchange Justification Study (Baton Rouge, LA)** Laurence was the lead traffic engineer for a **Stage 0** traffic study analyzing the proposed interchange at I-10 and Pecue Lane. Laurence developed current and future traffic volumes based on the CRPC **TransCAD model** growth rates. Using HCS, Laurence **analyzed signalized and unsignalized intersections**, basic freeway segments, freeway merge / diverge segments and freeway weaving segments. Laurence also developed a micro-simulation model in both VISSIM and TSIS.
04/04 - 12/04	**I-10 Frontage Roads, Picardy Interchange, Bluebonnet Siegen (Baton Rouge, LA)** Laurence provided the traffic analysis for a highly unique reconfiguration of interstate ramps that included frontage roads and an overpass of I-10 for new an interchange at Picardy. HCS and VISSIM were the primary analysis tools for the analysis. As part of the design team that developed the concept for this project, Laurence performed **feasibility studies**, developed design criteria, and coordinated with city, state and federal agencies for approvals as well as gathered public input. Laurence prepared traffic signal timings and designs that included cost estimates for the project.

Firm employed by	Vectura Consulting Services, LLC				
Name	Prasanth Malisetty, PE, PTOE, PTP, RSP1		Years of experience with this firm/employer	2	
Title	Supervisor		Years of experience with other firm(s)/employer(s)	17	
Degree(s) / Years / Specialization			B.E. / 2003/ Civil Engineering; M.S. / 2004/ Civil Engineering		
Active registration number / state / expiration date			PE.0035792 / LA / 3/31/2023		
Year registered	2010	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Project Manager of Traffic Study		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
02/21 – 12/21	**LA 67 (Plank Rd) Corridor Enhancement – Dawson Street to Harding Blvd (Baton Rouge, LA)** Prasanth is the project manager for the MOVEBR project on a state route (LA 67). Prasanth, along with Reece, performed the field check observations per the TEPR process. Prasanth also read the crash reports and provided a summary of each crash. Prasanth will be the lead author for Chapter 1 of the traffic study.
12/18 – 7/20	**H.002297 LA 37 Sullivan Road to Liberty Road, Baton Rouge, LA.** Prasanth was the project manager to develop feasible roadway improvement that will improve operation and increase safety along the LA 37 corridor. The project included **data collection, development of growth rates, existing and future traffic analyse**s. Prasanth was responsible for traffic forecasting for no-build and future alternatives using the CRPC travel demand models. Also, performed the **existing and future traffic analysis** and propose potential alternatives to mitigate existing deficiencies.
11/17 – 12/18	**H.013264 District 08 Safety Investment Plan.** Prasanth was the project engineer responsible for preforming districtwide **safety analysis** and preliminary engineering studies for various locations considered high potential for safety improvements. Responsible for evaluating crash statistics to identify possible roadway issues by using appropriate safety analysis tools and recommend potential operation safety countermeasures. Developed Countermeasure Evaluation Tool (CET) tool which aid in determining total crash reduction for each proposed countermeasure with associated cost savings and perform benefit / cost analysis.
10/16-12/18	**H.012685 LA 385 Ryan Street Feasibility Study, Lake Charles, LA.** Prasanth was the project engineer responsible for **developing feasible alternatives** to preserve / enhance mobility and safety along the corridor. The 1.8-mile corridor study area includes 22 intersections and 133 driveways. The project included **data collection, safety / crash review, traffic forecasting, developing alternatives, analysis of existing and proposed conditions and benefit / cost analysis**. The future year traffic for the proposed roadway alternatives was forecasted utilizing IMCAL travel demand model.
01/16 – 11/17	**H.012307 LA 6 Stage 0 Feasibility Study, Natchitoches, LA**. Prasanth was the project engineer for a **Stage 0** Feasibility study and develop short-term and long-term solutions to improve safety and mobility along the corridor. Responsible for safety analysis and alternatives analyses which includes roundabouts, R-CUT and signalized intersection using Synchro, Sidra and Vissim software.
06/15 – 12/16	**H.011280 LA 10 Stage 0 Feasibility Study, Bogalusa, LA.** Prasanth was the project engineer responsible for performing **Stage 0** Feasibility study along the corridor. Responsible for traffic forecasting, safety analysis and developing alternative concepts to improve corridor operations. NORPC regional demand model output was utilized to determine traffic distribution pattern in the region and to forecast future year traffic volumes along the study area.
02/15-12/16	**H.011403 LA 1208-3 Corridor Study, Alexandria, LA.** Prasanth was the project engineer responsible for developing and examining the concepts that shall improve the safety and efficiency of the corridor. The **proposed alternatives** included modifying roadway characteristics, intersection capacity improvements and roundabouts. Responsible for **safety analysis and alternatives analyses** that included roundabouts, and signalized intersection using Synchro and Sidra.

6/11 – 8/12	**H.002397 LA 16 – I-12 Interchange, Livingston Parish, LA.** Prasanth was the project engineer responsible for traffic forecasting, interchange analysis using **HCM and intersection analysis** using Synchro. Responsible for developing multiple interchange alternative concepts and analysis. The regional impact on the roadway network for the proposed interchange alternatives was determined utilizing CRPC travel demand model.
01/11 – 04/12	**H.005734 LA 447 Corridor Study, Walker, LA.** Prasanth was the project engineer responsible for **developing alternatives** to mitigate existing corridor congestions and enhance safety and mobility along the corridor. Developed microsimulation models using Vissim to perform alternative analyses which includes eight roundabout geometry intersections. The 10.2-mile study area includes 60 intersections and 64 driveways.
1/11 – 1/12	**H.008915 LADOTD, Stage 0 Study for LA 3234 Extension, Hammond, LA.** The **Stage 0** project was conceptualized by DOTD to support intermodal connectivity at Hammond Northshore Regional Airport. Prasanth was the project engineer responsible for traffic forecasting, and traffic analysis for no-build and proposed routing alternatives. A new regional travel demand model was developed for the city of Hammond to estimate future travel demand throughout the region associated with proposed project routing alternatives.
09/10 – 2/12	**S.P. No. 700-99-0447 US 190 Superstreet Study, Covington, LA**. Prasanth was the project engineer responsible for **performing corridor study** and develop solutions to improve mobility along the corridor. The alternatives analyses included R-CUT and signalized intersection using Synchro and SimTraffic. Responsible for data collection, travel time runs and intersection analysis.
12/18 – 7/20	**H.012018 LCG Adaptive Traffic Signal System, Lafayette, LA.** The project was to develop an Adaptive Traffic Signal network for the Lafayette Consolidated Government, which involved upgrading 190 traffic signal controllers. In addition, 79 traffic signals will be upgraded to become adaptive traffic signals. This will be the largest adaptive traffic signal system installed within the state of Louisiana. Prasanth was the project engineer responsible for overseeing field inspection and **develop signal design plans**
8/10 – 2/18	**LADOTD Traffic Engineering Contracts – Statewide, LA| Project Engineer.** As a project engineer for numerous task orders for Signal Timing Studies and Designs, Prasanth was responsible for coordinating **data collection tasks, intersection analysis, crash analysis,** developing coordinated signal timing plans and field implementation / fine tuning along 27 corridors throughout statewide which involved 264 intersections. Following are the list of corridors: • District 04; LA 1, LA 526 & US 171, Shreveport, LA; LA 3, LA 3105 & LA 72, Bossier, LA – 110 intersections, 7 corridors • District 02; LA 3040 & LA 57, Houma, LA; LA 20, Thibodaux, LA; US 61, New Orleans, LA – 44 intersections, 4 corridors • District 62; US 11, Slidell, LA; LA 19, Baker, LA; LA 44, Gonzales, LA; LA 3124 & LA 60, Bogalusa, LA; LA 10 Franklinton, LA; LA 16, Amite, LA; LA 38, Kentwood, LA; LA 25, Folsom, LA – 68 intersections, 9 corridors • District 58; US 425, Vidalia & Ferriday, LA – 11 intersections, 2 corridors • District 08; LA 1208-03, US 71 & LA 28 – 21 intersections, 3 corridors • District 07; US 190 & US 171, DeRidder, LA – 10 intersections, 2 corridors

Firm employed by	Vectura Consulting Services, LLC				
Name	Kristen Gahagan Farrington, PE, PTOE		Years of experience with this firm/employer	1	
Title	Project Traffic Engineer		Years of experience with other firm(s)/employer(s)	6.5	
Degree(s) / Years / Specialization			B.S./2014/Civil Engr.		
Active registration number / state / expiration date			PE.0041272 / LA / 3/31/2023		
Year registered	2016	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Task Leader for Traffic Study		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
02/21 – 12/21	**LA 67 (Plank Rd) Corridor Enhancement – Dawson Street to Harding Blvd (Baton Rouge, LA)** Kristen developed crash diagrams in CAD to identify any correctable crash types.
6/19 - 2/21	**H.013459 US 167 Improvements Stage 0 Elsie Street to Gilbert Street (St. Landry Parish, LA)** Kristen served as project manager for a **Stage 0** study to evaluate the addition of a third lane to US 167 from Elsie Street south to a point past Gilbert Drive. Environmental impacts and cost estimates were prepared, as well as a benefit-cost analysis of all improvements considered. Civil Engineer responsible for safety analysis including crash rate number method, over-representation, CATScan quality assurance, HSM existing safety analysis, and No-Build Analysis. Designed high-level concept exhibits and comparison matrix to determine best preliminary alternatives moving forward to meet the purpose and need of the project. Compiled meeting agenda materials and minutes.
03/19 – 11/19	**H.012311 LA 429 Connector Stage 0 (Ascension Parish)** Kristen was the task leader for the preparation of a **Stage 0** study to evaluate alignments for a limited-access corridor (LA 429) near I-10, between LA 30, LA 73, and US 61. Two alternatives for the widening and reconstruction of LA 429 were evaluated. The scope consisted of stakeholder and public meetings, site visits and data collection, phasing of alternative development for the corridor, scope and budget checklists, and an opinion of probable cost to prepare the **Stage 0** Report. Kristen served as the civil engineer responsible for designing high level concept exhibits and comparison matrix to determine best preliminary alternatives moving forward to meet the purpose and need of the project. Compiled meeting agenda materials and minutes, coordinated with interchange study consultants for a cohesive project, and wrote report.
09/17 – 09/18	**H.011160 LA 73 Corridor Study Stage 0 (LA 74 to LA 621) (Ascension Parish)** Kristen was the designer responsible for concept development, report writing, and impact analysis for a **Stage 0** study. The purpose of the study was to evaluate conceptual alternatives to improve capacity and operations along the LA 73 corridor and its connecting transportation network. The scope included the evaluation of three interchange configurations for the interchange of I-10 at LA 73 in conjunction with two corridor alternatives for LA 73, resulting in six different alternatives for which line and grade, impacts, and high-level cost estimates were prepared.
04/18 – 04/19	**H.011243.1 I-49 at US 190 and LA 31 Interchange Improvements Stage 0 (St. Landry Parish)** Kristen was the project engineer responsible for crash and safety analysis, report writing, planning, and designing for this **Stage 0** Study to evaluate alternatives to improve traffic operations and safety at the I-49 interchanges with US 190 and LA 31. Crash and safety analysis was performed using the LADOTD CAT Scan tool and IHSDM, and line and grade was prepared to DOTD Design Standards for various corridors, including arterial collectors and freeway ramps. Close coordination with traffic engineer ensured maximum improvement of safety and operations given limited right-of-way and utility conflicts along the corridors.
04/19 – 6/21	**H.013817.1 A 117 Improvements Stage 0 (Vernon and Natchitoches Parishes)** Kristen served as project engineer responsible for a **Stage 0** study for 18 miles of two-lane LA 117 from LA 8 to LA 118. The study evaluated the impacts of correcting deficient vertical and horizontal geometry along the corridor, widening for the addition of shoulders, and adding passing lanes and turn lanes at strategic

	locations along the corridor. Kristen was responsible for performing the safety analysis including crash rate number method, over-representation, CAT Scan quality assurance, HSM existing safety analysis, and No-Build Analysis. Kristen designed high-level concept exhibits, evaluated environmental impacts, and prepared high level cost estimates and comparison matrices to determine which preliminary alternatives best meet the purpose and need of the project. Kristen compiled all findings in the **Stage 0** report, and coordinated with stakeholders and local agencies to ensure purpose and need of project is met.
03/19 – 11/19	**H.012311 LA 429 Connector Stage 0 (Ascension Parish)** Kristen was the task leader for the preparation of a **Stage 0** study to evaluate alignments for a limited-access corridor (LA 429) near I-10, between LA 30, LA 73, and US 61. Two alternatives for the widening and reconstruction of LA 429 were evaluated. The scope consisted of stakeholder and public meetings, site visits and data collection, phasing of alternative development for the corridor, scope and budget checklists, and an opinion of probable cost to prepare the **Stage 0** Report. Kristen served as the civil engineer responsible for designing high level concept exhibits and comparison matrix to determine best preliminary alternatives moving forward to meet the purpose and need of the project. Compiled meeting agenda materials and minutes, coordinated with interchange study consultants for a cohesive project, and wrote report.
11/18 - 3/21	**H.013322 LA 3040 Feasibility / Safety Study Stage 0 (Houma, LA)** Kristen served as project engineer for a study to identify safety and operational issues along 2.5 miles of Martin Luther King Boulevard (LA 3040) in Houma, LA to evaluate reasonable alternatives to address any deficiencies discovered. Kristen was responsible for compiling a data collection plan for submittal to DOTD, including count locations, determined peak periods, and peak hours. Kristen performed peak period observations in the field and geometric field checks, as well as **unmet demand observations and calculations**. Kristen prepared TMC figures, as well as performed existing analysis in Vistro. Compiled all data collected into Appendices A and B per the DOTD Traffic Process and Report and wrote Chapter 1 of report. Kristen represented the project at stakeholder meetings to discuss project status.
04/18 – 04/19	**H.011243.1 I-49 at US 190 and LA 31 Interchange Improvements Stage 0 (St. Landry Parish, LA)** Kristen was the project engineer responsible for crash and safety analysis, report writing, planning, and designing for this **Stage 0** Study to evaluate alternatives to improve traffic operations and safety at the I-49 interchanges with US 190 and LA 31. Crash and safety analysis was performed using the LADOTD CAT Scan tool and IHSDM, and line and grade was prepared to DOTD Design Standards for various corridors, including arterial collectors and freeway ramps. Close coordination with traffic engineer ensured maximum improvement of safety and operations given limited right-of-way and utility conflicts along the corridors.
09/17 – 09/18	**H.011160 LA 73 Corridor Study Stage 0 LA 74 to LA 621 (Ascension Parish, LA)** Kristen was the designer responsible for concept development, report writing, and impact analysis for a **Stage 0** study. The purpose of the study was to evaluate conceptual alternatives to improve capacity and operations along the LA 73 corridor and its connecting transportation network. The scope included the evaluation of three interchange configurations for the interchange of I-10 at LA 73 in conjunction with two corridor alternatives for LA 73, resulting in six different alternatives for which line and grade, impacts, and high-level cost estimates were prepared.
11/16 – 07/17	**H.001271 Cane River Bridge Church Street Route LA 1-X Environmental Assessment** Kristen was the project engineer responsible for assisting with the site visits, data organization, **analysis of permanent alternatives and traffic control alternatives**, and traffic report to aid in the delivery of an environmental assessment for the Cane River Bridge Replacement

Firm employed by	Vectura Consulting Services, LLC				
Name	Reece Rodrigue, PE, PTOE		Years of experience with this firm/employer	3	
Title	Project Traffic Engineer		Years of experience with other firm(s)/employer(s)	7	
Degree(s) / Years / Specialization			B.S. / 2013/ Civil Engr.		
Active registration number / state / expiration date			PE.0042785 / LA / 3/31/2023		
Year registered	2017	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Support Traffic Engineer for Traffic Study		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
02/21 – Current	**LA 67 (Plank Rd) Corridor Enhancement – Dawson Street to Harding Blvd (Baton Rouge, LA)** Reece performed the geometric field checks along with Prasanth. Reece then captured the geometric field data in figures developed in CAD per the **TEPR process**.
02/21 – Current	**College Drive Corridor Enhancement – I-10 to Perkins Road (Baton Rouge, LA)** Reece is the task leader for developing the raw and final volumes in conformance with **TEPR** since the I-10 interchange ramp intersections are part of the project limits. The Vectura team collected 7-day, 24-hour counts, turning movement counts with queue observations, travel time runs and geometric field checks. Reece assembled the raw counts from the team members and applied the unmet demand volumes to develop the final volumes. He also checked the final volumes against the 48-hour tube counts. Reece also developed figures that reported the geometric field checks.
4/20 - Current	**H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement Public-Private Partnership Project (Belle Chasse, LA)** Reece was responsible for the production of the permanent signal plans for the LA 23 intersections at Engineers Road and at Burmaster Street. He evaluated stop bar locations, calculated vehicle, and pedestrian clearance intervals, designed the railroad preemption sequence for both at-grade crossings, designed the wiring layout, and developed the interconnect plan. He assisted Brin with the **traffic study** that formed the basis of the design report. Reece assisted with the development of forecast volumes and HCM intersection analyses.
11/15 – 12/16	**H.011849 Veterans Boulevard Corridor Stage 0 Feasibility Study (Jefferson Parish, LA)** Reece was the project manager for the **Stage 0** Corridor Retiming Study along Veterans Blvd from Lake Ave to Massachusetts Ave. He evaluated turning movement counts and the existing traffic signal timings and plans for the 31 signalized intersections along the corridor. He conducted travel time analyses through the corridor during morning, midday, and afternoon peak periods to determine the current flow of traffic through the corridor. He used calculations recommended by ITE to determine the clearance intervals of each intersection along the corridor. For the purposes of analyzing each intersection along the corridor, he assisted in producing a model of the corridor using the traffic signal timing optimization software Synchro 8. He assisted in implementing the new signal timings into the traffic signal controllers of the intersections. Once implementation was complete, he conducted travel time analyses using the new traffic signal timings. He also assisted in drafting the final report.

Firm employed by	Vectura Consulting Services, LLC				
Name	Bridget Scheyd Robicheaux, PE, PTOE (Part-Time)		Years of experience with this firm/employer	6	
Title	Project Traffic Engineer		Years of experience with other firm(s)/employer(s)	9	
Degree(s) / Years / Specialization			B.S. / 2007/ Civil Engineering; M.S. / 2014/ Civil Engineering		
Active registration number / state / expiration date			PE.0041272 / LA / 3/31/2023		
Year registered	2016	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Support Traffic Engineer for Traffic Study		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
01/18 – 05/18	**Roundabout Justification Study (Mandeville, LA)** Bridget role in the project consisted of analyzing the studied intersections in the existing conditions and with a proposed roundabout at Monroe Street at E. Causeway Approach. At the request of DOTD various signalized alternatives (protected only phasing, protected-permitted phasing, additional turn lanes) for existing and future traffic signal-controlled scenarios were also analyzed. Bridget developed a Technical Memorandum (TM) and TM Supplement.
06/16-09/17	**H.004490 Stage 0 Roundabout Studies, (Lafayette Parish, LA)** Bridget assisted with developing a **Stage 0 Feasibility Study** for roundabouts at seven intersections in the Lafayette area. The scope was developed based on EDSMs VI.1.1.1 / VI.1.1.5 and DOTD Traffic Engineering Manual Section 20.2. Bridget developed traffic **turning movement counts** diagrams for peak periods including peak hour factor and heavy vehicle percentages. She developed the speed data analyses as well as assisted with performing Sidra unsignalized, signalized and roundabout analyses for implementation and design years. Bridget also developed several figures that were included in the report.
02/17-10/17	**STPN 17-023 Stage 0 Judge Tanner Boulevard at N. Causeway Roundabout Study (St. Tammany Parish, LA)** As part of the design team, Bridget participated in the development of a **Stage 0 Feasibility Study** for roundabouts at four intersections in St. Tammany Parish. The scope was developed based on EDSMs VI.1.1.1 / VI.1.1.5 and DOTD Traffic Engineering Manual Section 20.2. Bridget developed traffic **turning movement counts** for morning and evening peak periods including peak hour factor and heavy vehicle percentages. Growth rates for **design year volumes** were also developed based on information provided from the **TransCAD model**. She performed portions of the Sidra unsignalized, signalized and roundabout analyses for implementation and design years and report development.
09/17-11/17	**US 11 (Front St.) at US 190 Bus. (Fremaux Ave.) Traffic Study (St. Tammany Parish, LA)** Bridget participated in the development of a Crosswalk Traffic Engineering Study for the City of Slidell as part of improvements to the intersection of US 11 (Front St.) at US 190 Bus. (Fremaux Ave.). Bridget processed raw traffic videos and developed **AM and PM peak period turning movement vehicle count** figures. She also assisted Brin with a PTV Vistro model for the AM and PM Peaks for the five intersections for capacity analyses as well as progression analyses. She also developed portions of the report.
2008 - 2010	**DOTD (Engineer Intern)** While employed at DOTD, Bridget assisted with updating the DOTD Traffic Signal Design Manual for statewide distribution. She utilized references to the Manual of Uniform Traffic Control Devices, Highway Safety Manual, Traffic Engineering Handbook and the AASHTO Policy on Geometric Design of Highways and Streets. She reviewed roundabout studies, safety studies and traffic impact studies. She used Synchro and PTV VISSIM to verify the benefits of converting sections of major state highways into to superstreets. She also developed, updated, and reviewed traffic signal plans.

Firm employed by	Vectura Consulting Services, LLC				
Name	Clara Williams Foshee, PE (Part-Time)		Years of experience with this firm/employer	1	
Title	Project Engineer		Years of experience with other firm(s)/employer(s)	5	
Degree(s) / Years / Specialization			B.S./2015/Civil Engineering		
Active registration number / state / expiration date			PE.0044568 / LA / 09/30/2024		
Year registered	2020	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Support Traffic Engineer for Traffic Study		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
11/22 – current	**H.014746.1 Stage 0 LA 383 (Iowa, LA)** Clara is performing the **safety analysis** for this corridor study. She will develop Appendix C and the corresponding sections in Chapter 2 to comply with the DOTD TEPR process.
05/22 – current	**H.012370 Morrison Road Traffic Study: Mayo Boulevard to Bullard Avenue (New Orleans, LA)** Clara was the project engineer for a corridor study that evaluated reducing travel lanes to incorporate bike lanes. The study included **peak hour determination, turning movement counts with unmet demand, safety analysis, and intersection analyses using HCS 2023**. The study followed the DOTD TEPR process since the project received federal aid and will be reviewed by DOTD.
02/22 – 06/22	**MOVEBR Direct Select for Traffic Signal Design (Baton Rouge, LA)** Clara provided quality control for several components of this project. She reviewed the **traffic volume and safety** sections of several intersection design studies. She also verified the **estimated quantities for several traffic signal design plans**.
08/21- 07/22	**H.005168 NORG - Avondale PEL Study (Avondale, LA)** Clara provided quality control for Appendix C (Safety) and Chapter 2 (Existing Conditions), as well as assisted with the completion of Appendix D (Existing and No Build Analysis). The study followed the DOTD TEPR process and was reviewed by DOTD.
07/21 – current	**MOVEBR New Capacity Projects Program Management (Baton Rouge, LA)** Clara has verified **turn lane length calculations, vertical tree clearances, safety analyses, pedestrian countermeasures,** and other quality control reviews to assist the City of Baton Rouge with their reviews.
10/18 – 12/18	**Traffic Engineering Process and Report Flowchart (Hammond, LA)** Lead engineer in the design and production of a flowchart depicting the assembly of the new **Traffic Engineering Process and Report Flowchart**. While working as a staff member in DOTD District 62, she took the initiative to create a document clearly showing how the new Traffic Engineering Process and Report should be assembled via flowchart. This flowchart was intended to be used internally throughout District 62 but was seen and admired by DOTD Headquarters and spread throughout the state to serve as a supplemental guide for the creation of the new Traffic Engineering Process and Report.
1/19 – 3/19	**Unserviced Demand Data Collection and Peak-Hour Determination Spreadsheets (Hammond, LA)** Clara was a traffic engineering team member in the design and production of a set of spreadsheets intended to **standardize how unserviced demand is collected and how peak-hours are determined from peak-periods**. Working closely with fellow traffic engineers at District 62, she co-created a document containing multiple spreadsheets designed to allow the input of unserviced demand data collected in the field for various intersection types and configurations. This document then output reliable and accurate unserviced demand data to be used in studies and reports throughout District 62. While creating this unserviced demand document, she concurrently co-created a document containing multiple spreadsheets designed to determine the most appropriate and accurate peak-hour from a given set of volumes over a peak-period. Both documents took weeks to create and were continuously reviewed and edited to ensure they were as accurate as possible.

01/17 – 8/19	**Madisonville State Routes and Moveable Bridge Study (Madisonville, LA)** Lead engineer in the production of the **traffic study** for the interaction of the Madisonville state routes and moveable bridge. The objective was to determine how the periodic closures of the existing moveable bridge spanning the Tchefuncte River impacted the surface level traffic moving throughout the historic town of Madisonville. This involved **collecting dozens of hours of traffic data** over four different bridge-opening vs. intersection control type scenarios. Once all the relevant data was collected, she was responsible for analyzing it and determining what the true performance of the network looked like throughout all of these scenarios. She created a report presenting these findings and recommended how to move forward with improving the existing network.
01/17 – 08/19	**Traffic Impact Study Review (District 62)** Clara was responsible for ensuring that all data collected and analyzed by the traffic engineering consultant was done so accurately and presented properly while meeting the latest guidelines set forth by DOTD Headquarters. She provided comments to the traffic consultants and was responsible for tracking and approving all responses to comments.

Firm employed by: Matrix New World Engineering					
Name	Linda McConnell			Years of relevant experience with this employer	3
Title	Environmental Engineer			Years of relevant experience with other employer(s)	32
Degree(s) / Years / Specialization			BS, Mathematics, Louisiana State University 1972		
Active registration number / state / expiration date			PE 0020434/LA/3-31-23		
Year registered	1/25/1983	Discipline	Civil Engineer		
Contract role(s) / brief description of responsibilities			Environmental Pro		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
01/85 - 03/87	Project Engineer: FEMA, Flood Insurance Studies, Southwest LA. Project Engineer for several Flood Insurance Studies in southwestern Louisiana. Participated in numerous other flood study and channel design projects. Studies included field surveys and data collection, report preparation, participation in public meetings, modeling of hydrology and hydraulics, determination of base flood elevations, floodway boundaries, etc.
01/06 – 12/08	Project Manager, FERC 7(c) Pipeline Certification; Tarpon Gas Storage; Houston, TX Preparation of environmental resource reports for the Federal Energy Regulatory Commission 7(c) permits. Managed environmental investigations and preparation of NEPA documents for FERC. Work included oversight of field investigations and report preparation for fish, wildlife, and vegetation reports; coordination and/or preparation of reports on land use, recreation, and aesthetics, alternatives, cultural resources, soils, and geological resources, as well as summary of NEPA potential impacts.
01/09 – 12/11	Project Manager: St. James Rail Terminal, New Rail Terminal Permitting, St. James, Louisiana. Managed environmental services, including permitting, for a new rail terminal providing unit train delivery of crude oil. The project also included a pipeline from the offloading pipe rack to the receiving terminal, on an adjacent property. Work included initial Environmental Site Assessment of property, Phase II Baseline Assessment, wetlands delineation, Joint Application to the Louisiana Department of Natural Resources, Office of Coastal Management, for a Coastal Use Permit, and to the Corps of Engineers, New Orleans District, for a Nationwide General Permit 3; application to the Louisiana Department of Environmental Quality for Water Quality Certification; preparation of a Stormwater Pollution Prevention Plan and Spill Prevention, Control, and Countermeasures Plan; coordination of application to the State Fire Marshal for construction permit approval.
01/10 – 12/11	Project Manager: Port Eads Reconstruction Project, Plaquemines Parish, LA. – On behalf of Plaquemines Parish Government, conducted environmental reviews and applied for and obtained permits related to the reconstruction of Port Eads in the aftermath of Hurricane Katrina. Permits/approvals included Louisiana Department of Natural

	Resources, Office of Coastal Management, Coastal Use Permit (P20100263), Corps of Engineers Permit (MVN-2010-0966-EPP), Louisiana Department of Environmental Quality Water Quality Certification (WQC 100521-01/AI 171168/CER 20100001), and other related consultations.
09/12 – 04/14	East Baton Rouge City-Parish, Environmental Reviews for FONSI for Old Hammond Highway Improvements, Baton Rouge, LA. Managed environmental investigations and prepared Findings for FONSI (Finding of No Significant Impact) for expansion of Old Hammond Highway (LA 426) from Boulevard de Province to Millerville Road (Phase II). Studies included Phase I ESA, evaluation of wetlands and other water bodies, threatened and endangered species, and cultural resources, as well noise survey and modeling for impact assessment and evaluation of impact to air.
05/16 – 07/17	Project Manager: Livingston Parish, NEPA Environmental Reviews for Cook Road Improvements and extension, Livingston Parish, LA. Managed environmental investigations and prepared documents for NEPA EA.
10/14 – 12/18	Project Manager: East Baton Rouge City-Parish, Environmental Assessment for Old Hammond Highway Improvements, Baton Rouge, LA. Managed environmental investigations and completed NEPA Environmental Assessment (EA) for expansion of Old Hammond Highway (LA 426) from Boulevard de Province to Millerville Road (Phase II), City/Parish Project No.: 12-CS-HC-0045, State Project No.: H.007970, F.A.P. No.: H007970, Baton Rouge, East Baton Rouge Parish, Louisiana. The EA included Phase I ESA, evaluation of wetlands and other water bodies, threatened and endangered species, and cultural resources, as well noise survey and modeling for impact assessment and evaluation of impact to air.

Firm employed by: Matrix New World Engineering					
Name	Kimberly Threlfall, PMP, LEED AP			Years of relevant experience with this employer	3.5
Title	Director of Environmental Planning – NEPA Practice			Years of relevant experience with other employer(s)	21
Degree(s) / Years / Specialization			BA Geology, Colgate University, Hamilton, NY 2001		
Active registration number / state / expiration date					
Year registered	2014	Discipline	Project Management Professional		
Contract role(s) / brief description of responsibilities			Sr. NEPA Practitioner / Environmental (NEPA) Compliance		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
01/18 – 09/19	Connecticut department of Transportation, Rehabilitation of Heroes Tunnel, EA/EIE, New Haven, CT – Deputy Project Manager assisted with the preparation of combined EA under NEPA, with FHWA as the lead federal agency, and Environmental Impact Evaluation (EIE) under the Connecticut Environmental Policy Act (CEPA) analysis and documentation for the Rehabilitation of the Heroes Tunnel on the Wilbur Cross Parkway in New Haven, CT. As part of this analysis, a range of alternatives were be developed and evaluated in coordination with the CTDOT, other agencies, and the public.
12/18 – 12/22	Port Authority of NY & NJ, JFK International Airport Redevelopment Program, Jamaica, NY – Project Manager assisting with the environmental analysis for the JFK International Airport Redevelopment Program being conducted by the Port Authority, in compliance with FAA NEPA requirements. Ms. Threlfall assisted with preparation of the environmental document, including assessing and documenting existing conditions and impact analyses for multiple resource topics, and lead the analyses for environmental justice, socioeconomic resources, children's environmental health and safety, DOT Section 4(f) resources, and natural resources and energy supply; cumulative impacts analysis; and document review. Ms. Threlfall also organized and participated in public meetings after release of the Draft EA, leading the presentation of socioeconomics and environmental justice. Due to design mofications after release of the Final EA and FONSI/ROD, Ms. Threlfall is currently assisting with the preparation of a Supplemental Environmental Assessment, leading efforts to evaluate and document biological resources, water resources, socioeconomics, environmental justice, children's environmental health and safety, visual resources, cultural resources, Section 4(f), and cumulative impacts associated with modifications to the previous design, most related to on- and off-airport roadways. She is also assisting with overall document review and ensuring compliance with FAA requirements.
04/14 – 06/17	USACE, Ward-Gulfport Development Project, Section 404 Permitting and NEPA Compliance, Gulfport, MS – Project Manager for Section 404 Permitting and NEPA Compliance for a proposed multi-use development. Approximately 82% of the property is wetlands, requiring extensive local, state, and federal coordination. The site

	is also in a highly sensitive drainage basin, which has a long history of creating flooding problems for many communities within the watershed, many of which are considered environmental justice communities based on high concentrations of low-income and minority. As Project Manager, Ms. Threlfall worked with the client to identify low-income and minority populations near the project area and to develop strategies for providing benefits to those communities. The flooding issues in the project area have been exacerbated by the site's close proximity to the Gulf Coast, which has been the target of major storm events. This project has required extensive community and agency outreach. Main responsibilities include client, agency, and internal team coordination; data review and synthesis; document review; ensuring adherence to applicable regulations; and schedule and budget management.
01/21 – 12/22	Tompkinsville Esplanade and Pier – NEPA/New York City Environmental Quality Review (CEQR) Environmental Assessments and Regulatory Approvals, Staten Island, NY – Assisted with Management of NEPA efforts, and associated agency consultations and public outreach, to support the creation of a new waterfront esplanade and pier within the Tompkinsville section of Staten Island. This project, proposed by the New York City DOT (NYCDOT) will be jointly funded by City Capital funds and FEMA, who is the lead agency for NEPA. Matrix is responsible for conducting much of the technical analyses for an EA under NEPA and Environmental Assessment Form (EAF) under CEQR as well as writing the document, and preparing associated figures, appendices, and other supporting materials.
8/17 – 8/19	CTDOT, New Haven-Hartford-Springfield Rail Program Management, New Haven, CT – Springfield, MA – Project Manager for the NEPA/CEPA compliance and permitting for the New Haven-Hartford-Springfield Rail Program, which will increase rail service between New Haven, CT and Springfield, MA. Her primary responsibilities included preparing and reviewing NEPA and CEPA documents as well as budget and schedule tracking and client coordination.
9/17 – 8/19	NHDOT, Interim Repairs to the Seabrook-Hampton Bridge, Seabrook and Hampton, NH | 2017 - On behalf of the New Hampshire Department of Transportation, Ms. Threlfall assisted with NEPA compliance and documentation for emergency repairs to the Seabrook-Hampton Bridge, one of two bascule bridges in the State of New Hampshire. The focus of her efforts was on preparing a Categorical Exclusion with Documentation under NEPA, and directing associated technical analyses, including leading preparation of a Section 4(f) Evaluation.
6/19 – 8/19	NYCEDC Brooklyn Bridge-Montgomery Coastal Resiliency Project, Manhattan, NY – Task Manager assisting with development of an EIS under NEPA to evaluate resiliency strategies for a section of the Lower Manhattan Coastal Resiliency project. This project includes design and related services for the installation of a flood protection system parallel to South Street from the Brooklyn Bridge to Montgomery Street. Ms. Threlfall assisted with the development of existing conditions and impacts analyses for several key resource topics for the EIS, including socioeconomics, environmental justice, and land use.

Firm employed by: Matrix New World Engineering				
Name	Paul M. Stanton		Years of relevant experience with this employer	1.5
Title	Sr. Technical Director/Project Manager		Years of relevant experience with other employer(s)	31
Degree(s) / Years / Specialization			BS Biology, Trinity College, CT 1989; MS Environmental Science University of New Haven, CT 1994	
Active registration number / state / expiration date				
Year registered		Discipline		
Contract role(s) / brief description of responsibilities			Environmental Manager	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
10/18 - 06/21	Route 7/15 Interchange NEPA Environmental Assessment, Norwalk, CT – NEPA Documentation Manager for a major interchange reconfiguration project. Role was to oversee NEPA EA/ CT EIE preparation by consultant team to ensure NEPA and CT Environmental Policy Act (CEPA) regulatory compliance and to guide/advise technical analyses and documentation efforts for all NEPA disciplines/resource topics. Project representative and presenter at project scoping, public outreach, and project advisory committee meetings. Resource agency coordination. NEPA QA/QC review.
1/19 - 7/21	Cribari Memorial Bridge NEPA Environmental Assessment, Westport, CT – NEPA Documentation Manager for a controversial historic moveable bridge rehabilitation/replacement project in Westport CT. Coordinated and prepared various aspects of NEPA EA/ CT EIE preparation to ensure regulatory processes were fully met. Regular consultation with CT Department of Transportation (CTDOT), resource agencies and the public. Key NEPA topics for this project included alternatives analysis, tidal and freshwater wetlands, navigation, floodplains, socioeconomics, aesthetics, historic resources, community cohesion, public safety, and land use/property displacements.
6/13 – 12/14	Reconstruction Of I-84 Waterbury, Connecticut: Noise Study and NEPA Re-Evaluation – Project Manager responsible for two complex time sensitive environmental planning studies; a FHWA Traffic Noise Assessment and a NEPA Re-Evaluation. Oversaw the FHWA TNM modeling effort, noise barrier analysis, and public outreach/survey process, compiled noise results, and presented findings at public information meetings all in compliance with FHWA Noise Policy. Developed the NEPA Re-Evaluation which was the first such document prepared by CTDOT. Coordinated extensively with CTDOT, FHWA, and the project team to develop the format and content of the NEPA Re-Evaluation document. Reviewed mid-1990s antiquated EIS, assessed new impacts attributed to the updated project design, and compared impacts and regulatory changes. Project was completed and open in 2018.

6/95 – 5/97	Loop 101 Freeway EIS, Scottsdale, AZ – Environmental Manager responsible for supporting various aspects of an EIS for a segment of a new loop highway around the City of Phoenix. Assessed impacts to desert washes, Section 4(f) resources including public parks and bridal paths, flood areas, utilities, and land uses/community resources,
5/08 – 3/10	Improvements to I-84 Interchanges 1 and 2, Danbury, CT – Project Manager for unusual NEPA project precipitated by a CT State Traffic Commission permit directive requiring improvements to two I-84 interchanges to accommodate anticipated heavy traffic volumes associated with The Reserve, a large private residential development. Working for the developer, coordinated preparation of a documented Categorical Exclusion (CE-D) with both CTDOT and FHWA. The CE-D was required due to the interstate highway access modification. Prepared a detailed Bog Turtle Habitat Assessment and oversaw a Phase I Archaeological Reconnaissance Survey which were critical to the success of the project.
4/90 - 5/95	US Route 6 EIS, CT – Environmental Planner responsible for preparing various sections of a highly controversial NEPA EIS that assessed impacts of multiple alignments for a new expressway between Manchester and Willimantic CT. Prepared the Section 4(f) documentation, conducted fisheries and stream surveys, documented floodplain, wetlands, farmlands, and groundwater resource impacts, and coordinated endangered and threatened species investigations. Project representative at over 20 public meetings and hearings.
4/90 – 2/95	Nashua – Hudson Circumferential Highway EIS, NH – Environmental Planner responsible for assessing impacts to surface and groundwater resources (aquifers and private wells), wetlands, farmlands, and floodplains for the NEPA EIS. Conducted extensive fieldwork to support wetland delineation and functions and values assessments. Prepared Section 4(f) and 6(f) documentation.
3/04 – 2/06	Railroad Station at Black Rock Park (Fairfield Metro Station) NEPA EA, Fairfield, CT – Project Manager for NEPA EA / CEPA EIE for a new Metro North railroad station and transit-oriented development within Connecticut's coastal zone. Environmental analysis considered impacts from three integrated development components, designed by three separate entities: CTDOT, Town of Fairfield, and a private developer. Key impact issues included traffic, coastal resources, wetlands, and noise. Coordinated preparation of the joint EA/EIE with project engineers and federal agencies, making sure all environmental requirements were met and/or exceeded. The station opened in December 2011.

Firm employed by: Matrix New World Engineering					
Name	Chad Turner		Years of relevant experience with this employer	7	
Title	Environmental Project Manager		Years of relevant experience with other employer(s)	6	
Degree(s) / Years / Specialization			BS, Biological Sciences, Louisiana State University, 2008		
Active registration number / state / expiration date					
Year registered		Discipline			
Contract role(s) / brief description of responsibilities			Biologist/Wetlands; Environmental Pro		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
05/09-06/13	While employed as an Environmental Impact Specialist with the DOTD Environmental Section: - Conducted wetland delineations and compiled Categorical Exclusion documentation for 29 off-system bridges throughout Louisiana - Prepared all NEPA documentation and secured approval of Categorical Exclusions for 25+ on-system projects throughout Louisiana, including three bridges over Louisiana Natural and Scenic Rivers - Prepared Environmental Assessments for Essen Lane Widening and I-12 Widening (Walker to Satsuma) - Conducted 100+ on-site field surveys (wetlands and threatened and endangered species) and subsequent reporting for use in United States Army Corps of Engineers jurisdictional determinations (JDs) and Section 10/404 permit applications
04/14-07/14	Provided wetland delineations and USACE permitting compliance assistance for 7 off-system bridge replacements in East Baton Rouge Parish, LA: - Port Hudson Pride Road Bridge over Little Sandy Creek (City-Parish Project No. 13-BR-LA 0013) - Milldale Road Bridge over Beaver Bayou (City-Parish Project No. 13-BR-LA 0023) - Morvant Road Bridge (1) and (2) over Drainage Bayou (City-Parish Project Nos. 13-BR-LA 00(09-10) - Albert Drive Bridge over Drainage Canal (City-Parish Project No. 13-BR-LA 0003) - Claycut Road Bridge over Ward Creek (City-Parish Project No. 13-BR-LA 0014) - Mollylea Drive Bridge over Jones Creek (City-Parish Project No. 13-BR-LA 0012)
08/14-09/14	Assisted in the wetland delineation and threatened and endangered species survey for the proposed construction of an approximate 9.39-mile, six-inch-diameter pipeline to convey natural gas liquids from Norco, St. Charles Parish, LA to an interconnect along an existing ten-inch-diameter pipeline northeast of LaPlace, St. John the Baptist Parish, LA. Route crossed various sensitive/protected habitats, including Maurepas Swamp WMA, Bonnett Carre Spillway, and Bayou Trepagnier, which is designated as a Louisiana Natural and Scenic River.
11/14-01/16	Provided wetland delineations and USACE permitting compliance for 383 acres of potential plant locations, a proposed cryogenic plant, approximately 16 miles of associated pipeline rights-of-way and supporting meter

	stations, and an electrical substation near Arcadia, LA. Delineation habitats included existing maintained rights-of-way, pine plantation, active cattle pasture, bottomland hardwood depressions, and riparian hardwoods.
06/15-07/15	Provided the wetland delineation and managed GIS responsibilities for construction of an interchange at I-10 and Pecue Lane (DOTD Project No. 700-17-0221, Federal Aid Project No. IM-1709(507)). In addition to the interchange, the project included the replacement of a two-lane overpass bridge and Pecue Lane/Wards Creek bridge, as well as an extension to Reiger Road.
10/15-Ongoing	Conducted a wetland delineation and threatened and endangered species survey for a 593.09-acre tract along the Amite River for use as a gravel mining operation in East Feliciana Parish, LA. Assisted in preparation of USACE Section 10/404 individual permit application, LDWF Scenic Rivers permit application, LDEQ Minor Source Air Permit application, LDEQ Construction and Operational Storm Water Discharge Permit applications, and Phase 1 Environmental Site Assessment.
08/16-01/2019	Provided/managed the wetland delineation and secured JDs for over 8,700 acres for the expansion of the Gum Swamp Mitigation Bank and the subsequent development of the Pontchartrain Umbrella Mitigation Bank in Livingston Parish, LA. Delineation habitats included pine plantation, riparian hardwoods, and bottomland hardwood depressions. In addition to the field work, responsible for wetland data report production and coordination with the USACE during the JD review process, as well as management of all GIS responsibilities.
05/20-Ongoing	Project manager responsible for the wetland delineations and USACE permitting for 5 MOVEBR projects in East Baton Rouge Parish: - Old Hammond Highway Segment 1, Phases A and B (City-Parish Project No. 19-CP-HC-0034) - Bluebonnet Boulevard (Perkins Road to Picardy Boulevard) (City-Parish Project No. 19-CP-HC-0034) - Highland Road at Siegen Lane Intersection (City-Parish Project No. 20-CP-HC-0004) - Sherwood Forest Extension (Greenwell Springs Road to Joor Road) (City-Parish Project No. 20-CP-HC-0014)
03/21-08/21	Conducted a wetland delineation and threatened and endangered species survey for the proposed expansion of the VG Calcasieu Pass LNG Terminal. Survey area encompassed 812 acres of pasture and marsh habitats, as well as 177 acres of marsh and uplands on Monkey Island. During field efforts, assessed and mapped potential habitat for the threatened eastern black rail determined indicated by the presence of *Spartina spartinae* and sea oxeye daisy.

Firm employed by: Matrix New World Engineering				
Name	Lee Womack		Years of relevant experience with this employer	7
Title	Senior Project Manager		Years of relevant experience with other employer(s)	9
Degree(s) / Years / Specialization			MS, Wildlife, Louisiana State University, 2006 BS, Wildlife and Fisheries Conservation, Louisiana State University, 2004	
Active registration number / state / expiration date				
Year registered		Discipline		
Contract role(s) / brief description of responsibilities			Biologist/Wetlands	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
01/08-01/10	Provided multiple wetland delineations and associated regulatory permitting as part of the DOTD Environmental Permitting Retainer Contract, Task Orders 1-3, State Project No. 700-99-0439, Federal Aid Project No. STP-9907 (526) / IM-1709(507), Louisiana Department of Transportation and Development, Statewide, LA. Project tasks included conducting 34 wetland delineations, four threatened and endangered species surveys, and obtaining state and federal permits for 63 individual bridge and road improvement projects throughout Louisiana. Each of three task orders under this retainer contract included: USACE Section 10/104 permitting; LDNR, Office of Coastal Management, Coastal Use Permitting; U.S. Coast Guard bridge permitting; LDWF Louisiana Natural and Scenic River System permitting; LDEQ water quality certifications; levee permits from various levee boards; and parish permits.
05/08-12/09	Provided wetland delineations and associated regulatory permitting for the DOTD Fort Buhlow Bridges and Approaches, Route US 71 to US 165, State Project No. 840-43-0001, Task 1: 701-65-1002, Rapides Parish, LA. Project consisted of the replacement of the O.K. Allen Bridge over Lake Buhlow, the KCS Railroad Bridge, and widening/reconstruction of 1.3 miles of roadway approaches. Project tasks included wetlands delineation, USACE Section 10/404, U.S. Coast Guard Bridge, and Red River, Atchafalaya, and Bayou Boeuf Levee District permitting.
10/08-05/09	Provided a wetland delineation and associated regulatory permitting for DOTD, Caminada Bay Bridge Replacement, State Project No. 064-01-0040, Task 1: 701-65-1002, Jefferson Parish, LA. Project consisted of the replacement of Caminada Bay Bridge on LA 1 near Grand Isle. Project tasks included a wetland delineation, LDNR Coastal Use, USACE, and U.S. Coast Guard Bridge permitting, in addition to coordination with LDWF regarding state water bottom dredging.
11/08-03/10	Provided a wetland delineation and associated regulatory permitting for the DOTD LA 3156 Bayou Teche Bridge Replacement, State Project No. 823-42-0005, Task 1: 701-65-1002, Iberia Parish, LA. Project consisted of the

	replacement of the Jefferson Street Bridge over Bayou Teche on LA 3156. Project tasks included a wetland delineation and USACE Section 10/404 permitting.
01/09-08/12	Provided a wetland delineation and associated regulatory permitting for the DOTD LA 1088 Interchange, State Project No. 454-04-0038, Task 1: 701-65-1002, St. Tammany Parish, LA. Project consisted of the construction of a "clover-leaf" interchange at LA 1088 and Interstate 12. Controversial project due to extent of wetlands impacts and the opening up of a prime corridor for development into the Florida parishes, which state and federal agencies historically rejected. Project tasks included Coastal Use, and USACE permitting, and a threatened and endangered species survey (red-cockaded woodpecker) per USFWS requirements.
10/10-11/12	Provided USACE Section 404 permitting and associated regulatory permitting support (LDEQ, LDWF Natural and Scenic Rivers) for the DOTD Amite River Bridge @ Magnolia, LA 64, State Project No. 262-31-0016, Task 2: 701-65-1231, Livingston Parish, LA.
04/14-07/14	Managed the wetland delineations and USACE permitting compliance assistance for 7 off-system bridge replacements in East Baton Rouge Parish, LA: - Port Hudson Pride Road Bridge over Little Sandy Creek (City-Parish Project No. 13-BR-LA 0013) - Milldale Road Bridge over Beaver Bayou (City-Parish Project No. 13-BR-LA 0023) - Morvant Road Bridge (1) and (2) over Drainage Bayou (City-Parish Project Nos. 13-BR-LA 00(09-10) - Albert Drive Bridge over Drainage Canal (City-Parish Project No. 13-BR-LA 0003) - Claycut Road Bridge over Ward Creek (City-Parish Project No. 13-BR-LA 0014) - Mollylea Drive Bridge over Jones Creek (City-Parish Project No. 13-BR-LA 0012)
06/15-07/15	Managed the wetland delineation for construction of an interchange at I-10 and Pecue Lane (DOTD Project No. 700-17-0221, Federal Aid Project No. IM-1709(507)). In addition to the interchange, the project included the replacement of a two-lane overpass bridge and Pecue Lane/Wards Creek bridge, as well as an extension to Reiger Road.
12/17-Ongoing	Project manager and regulatory specialist for the 5,200-foot horizontal directional drill of the West Pearl River in St. Tammany Parish, Louisiana. Responsibilities included U.S. Army Corps of Engineers Section 10/404 permitting assistance; U.S. Coast Guard permitting assistance; U.S. Fish and Wildlife Service, Bouge Chitto National Wildlife Refuge, Special Use Permitting assistance; LDWF Louisiana Natural and Scenic Rivers Program permitting assistance; and Louisiana Department of Transportation and Development permitting assistance. Currently providing planting and monitoring oversight for the re-vegetation of temporary workspaces within Bogue Chitto NWR.
05/20-07/21	Assisted in wetland delineation for the MOVEBR project Sherwood Forest Extension (Greenwell Springs Road to Joor Road) (City-Parish Project No. 20-CP-HC-0014) in East Baton Rouge Parish, LA. Project consisted of a new two-lane roadway connecting Sherwood Forest to Joor Road, with a new bridge spanning the Comite River

Firm employed by: Matrix New World Engineering				
Name	Angela Singletary		Years of relevant experience with this employer	4
Title	Senior Environmental Scientist		Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization			B.A., Geography (Environmental Analysis), University of New Orleans, 2010	
Active registration number / state / expiration date				
Year registered		Discipline		
Contract role(s) / brief description of responsibilities			Biologist/Wetlands	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
04/14-07/14	Assisted in wetland delineations and USACE permitting compliance assistance for 7 off-system bridge replacements in East Baton Rouge Parish, LA: - Port Hudson Pride Road Bridge over Little Sandy Creek (City-Parish Project No. 13-BR-LA 0013) - Milldale Road Bridge over Beaver Bayou (City-Parish Project No. 13-BR-LA 0023) - Morvant Road Bridge (1) and (2) over Drainage Bayou (City-Parish Project Nos. 13-BR-LA 00(09-10) - Albert Drive Bridge over Drainage Canal (City-Parish Project No. 13-BR-LA 0003) - Claycut Road Bridge over Ward Creek (City-Parish Project No. 13-BR-LA 0014) - Mollylea Drive Bridge over Jones Creek (City-Parish Project No. 13-BR-LA 0012)
06/15-07/15	Assisted in wetland delineations for construction of an interchange at I-10 and Pecue Lane (DOTD Project No. 700-17-0221, Federal Aid Project No. IM-1709(507)). In addition to the interchange, the project included the replacement of a two-lane overpass bridge and Pecue Lane/Wards Creek bridge, as well as an extension to Reiger Road. In addition to the field work, responsible for data form and photo exhibit production.
01/18-02/19	Assisted in wetland delineations for a 3,098.17-acre tract for the Hickory Branch Mitigation Bank in Calcasieu Parish, LA. Delineation habitats included pine plantation, riparian hardwoods, and bottomland hardwood depressions. Tract consisted largely of pimple mound topography, which necessitated the use of transects during the delineation. In addition to the field work, responsible for data form and photo exhibit production.
11/18-05/19	Assisted in wetland delineations for a 5,960.52-acre tract for the Pontchartrain Basin Umbrella Mitigation Bank in Livingston Parish, LA. Delineation habitats included pine plantation, riparian hardwoods, and bottomland hardwood depressions. In addition to the field work, responsible for data form and photo exhibit production.
07/19-01/21	Assisted in wetland delineations and threatened and endangered species surveys for 12 tracts totaling 71.93 acres for a proposed petrochemical facility expansion in Ascension Parish, LA. Scope of work was spread across four separate mobilizations, resulting in three JDs issued. In addition to the field work, responsible for data form and photo exhibit production.

12/17-Ongoing	Wetland ecologist for the 5,200-foot horizontal directional drill of the West Pearl River in St. Tammany Parish, Louisiana. Responsibilities included U.S. Army Corps of Engineers Section 10/404 permitting assistance; U.S. Coast Guard permitting assistance; U.S. Fish and Wildlife Service, Bouge Chitto National Wildlife Refuge, Special Use Permitting assistance; LDWF Louisiana Natural and Scenic Rivers Program permitting assistance; and Louisiana Department of Transportation and Development permitting assistance. Currently providing planting and monitoring oversight for the re-vegetation of temporary workspaces within Bogue Chitto NWR.
05/20-Ongoing	Assisted in wetland delineations, and will assist in permitting, for 5 MOVEBR projects in East Baton Rouge Parish: - Old Hammond Highway Segment 1, Phases A and B (City-Parish Project No. 19-CP-HC-0034) • Widening from 4 to 6 lanes, with a roundabout at Flannery Rd. and additional pedestrian facilities; total length of 1.25 miles - Bluebonnet Boulevard (Perkins Road to Picardy Boulevard) (City-Parish Project No. 19-CP-HC-0034) • Widening from 4 to 6 lanes, with additional pedestrian facilities; total length of 0.7 mile - Highland Road at Siegen Lane Intersection (City-Parish Project No. 20-CP-HC-0004) • Intersection improvements potentially consisting of a roundabout or additional/longer turn lanes - Sherwood Forest Extension (Greenwell Springs Road to Joor Road) (City-Parish Project No. 20-CP-HC-0014) • New two-lane roadway connecting Sherwood Forest to Joor Road, with a new bridge spanning the Comite River
03/21-08/21	Assisted in a wetland delineation and threatened and endangered species survey for the proposed expansion of the VG Calcasieu Pass LNG Terminal. Survey area encompassed 812 acres of pasture and marsh habitats, as well as 177 acres of marsh and uplands on Monkey Island. During field efforts, assessed and mapped potential habitat for the threatened eastern black rail determined indicated by the presence of *Spartina spartinae* and sea oxeye daisy.

Firm employed by TerraXplorations, Inc.				
Name	Paul D. Jackson		Years of relevant experience with this employer	10
Title	Owner/Principal Investigator/Senior Archaeologist		Years of relevant experience with other employer(s)	30
Degree(s) / Years / Specialization			M.A. 1996 Anthropology (Archaeology) B.A. 1993 Anthropology (Geology)	
Active registration number / state / expiration date				
Year registered		Discipline	Archaeologist	
Contract role(s) / brief description of responsibilities			MPR 5 Paul D. Jackson has over thirty years of experience in the field of archaeological and Cultural Resource Management. He has participated in thousands of cultural resource projects. Mr. Jackson received his M.A. and B.A. in Anthropology from The University of Alabama. Prior to founding TerraX, Mr. Jackson was Vice President and regional manager for Panamerican Consultants, Inc. southeastern region. Mr. Jackson has a specialized focus on the Prehistory of Alabama, particularly the northwestern region of the state. Since college, he has studied and published on the transition period of peoples from Woodland to Mississippian cultures in northwest Alabama. In 2021, Mr. Jackson led an excavation of a large Paleoindian to Mississippi component site in Florence, Alabama, for the County Road 16, Cypress Creek bridge replacement project for the Lauderdale County Engineering Department, and the Alabama Department of Transportation. Mr. Jackson also has facilitated Native American Consultations between Alabama, Georgia, Florida, Mississippi, and Oklahoma National Guards, as well as between Fort Benning Military Reservation, Georgia, and the members of the Federally Recognized Tribes with interests in those states. He has 12 training hours on the Identification and Management of Traditional Cultural Places in Atlanta, Georgia, taught by the National Preservation Institute. He has also attended two “To Bridge a Gap” conferences hosted in Oklahoma by Tribal Nations to help Federal agencies and Federally Recognized Tribes come together and build a better working	

	relationship with each other and the resources they help manage. Mr. Jackson also has experience in the preparation of documents that involve evaluations of historical significance and completed the course on Section 106 of the National Historic Preservation Act offered by the Advisory Council on Historic Preservation.
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
04/12 - Present	Founder and Co-Owner, TerraXplorations, Inc. • Oversaw three-year IDIQ with Fort Benning Military Reservation • Managed 45 personnel including, 6 archaeologists, 3 architectural historians, 3 historians, 1 editor, 3 geographic information system technicians, 5 laboratory staff, 3 office staff, and 21 field directors, crew chiefs and technicians. Conducted and/or managed Phase I, Phase II, and Monitoring of numerous projects in Alabama, Florida, Georgia, Kentucky, Indiana, Louisiana, Mississippi, North Carolina, Tennessee, Texas, and Virginia.
2001 - 2012	Vice President, Panamerican Consultants Inc. • Responsibilities include oversight of the Alabama, Mississippi, Georgia, Kentucky, South Carolina, and North Carolina operations. Duties include direction of project managers and principal investigators, archaeological work, preparation of final reports, write proposals and bid documents, staff assignments, and all operations pertaining to archaeological resource management in the states listed above. • Oversaw three major contracts for the Alabama Department of Transportation; a 5-year IDIQ with Fort Benning Military Reservation; and 2-year IDIQ with the Florida Forest Service. • In the last five years oversaw, managed, and conducted some of the field work over 200 Phase II investigations and 42 historic and prehistoric archaeological mitigations at Fort Benning. Managed 25 personnel including, 8 archaeologists, 1 architectural historian, 1 historian, 1 editor, 1 geographic information system technician, 1 draftsperson, 3 lab technicians, 3 office staff, and 6 field technicians.

(Add rows as needed)

Firm employed by TerraXplorations, Inc.				
Name	**Sharlene O'Donnell**		Years of relevant experience with this employer	1
Title	Lead Technical Report Writer/ Proposal Coordinator		Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization			M.A. History (Environmental History; Cherokee History Track) M.A. Anthropology (Environmental Archaeology; Zooarchaeology) B.A. Anthropology (Experimental Archaeology)	
Active registration number / state / expiration date				
Year registered		Discipline	Environmental Archaeologist and Historian	
Contract role(s) / brief description of responsibilities			MPR 5 Sharlene O'Donnell serves as the Lead Technical Report Writer and Proposal Coordinator for TerraXplorations, Inc. She has twenty years of experience working and volunteering in environmental and cultural conservation settings in the Southeastern United States and Ethiopia. Ms. O'Donnell received her B.A. in Anthropology focusing on experimental archaeology from the University of South Florida St. Petersburg, an M.A. in Anthropology concentrating on zooarchaeology from the University of Florida, and an M.A. in History with a concentration on environmental history and Cherokee studies from Western Carolina University. She has worked in office, laboratory, field, archival, museum, public education, and classroom settings for academia, cultural resource management, government entities, and not-for-profit organizations. Ms. O'Donnell is published in both archaeological and historical journals. Ms. O'Donnell meets the Archaeologist Qualifications published in the Louisiana Register dated April 20, 1994. These standards parallel the Secretary of the Interior's Professional Qualifications Standards for Archaeology.	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
08/21 - Present	TerraXplorations, Inc. - Lead Technical Report Writer/Proposal Coordinator
08/19 – 05/21	Western Carolina University Department of History - Graduate Research and Teaching Assistant
08/17 – 12/17	Janus Research – Archaeological Field Technician
07/14 – 02/17	Florida Museum of Natural History - Zooarchaeologist
10/14 – 01/19	(Volunteer) University of Florida Laboratory of Southeastern Archaeology – Field and Lab Technician

06/10 – 02/18	(Volunteer) University of South Florida St. Petersburg Archaeology Laboratory – Field and Lab Technician
01/10 – 04/11	(Volunteer) Weedon Island Cultural and Natural History Center – Lab Technician and Public Education

17. Firm Experience:

Identify the team's project experience **most relevant** to the scope in the advertisement. **The projects should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a single sub-consultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by firms on the team. The projects identified do not necessarily need to have been DOTD projects.

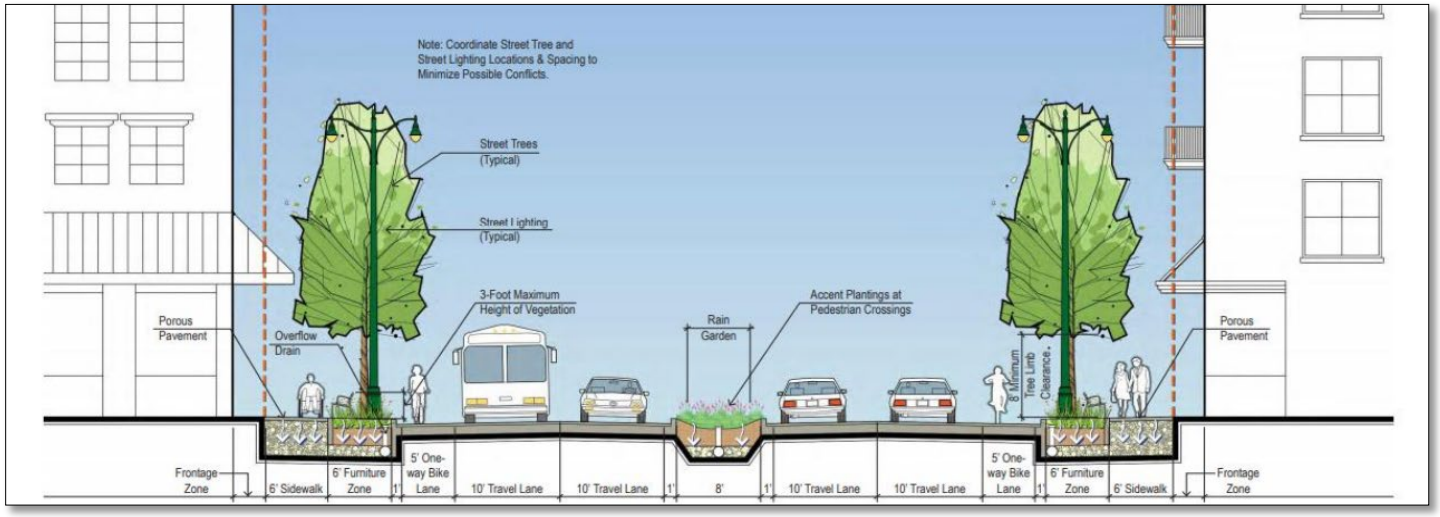
Firm name		Past Performance Evaluation Discipline(s)*			
Project name			Firm responsibility (prime or sub?)		
Project number		Owner's name			
Project location			Owner's Project Manager		
Owner's address, phone, email					
Services commenced by this firm (mm/yy)		Total consultant contract cost ($1,000's)			
Services completed by this firm (mm/yy)		Cost of consultant services provided by this firm ($1,000's)			

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

* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.

Firm name	GOTECH, Inc.		Past Performance Evaluation Discipline(s)*	road
Project name	MOVEBR US 61/Scenic Hwy Corridor Enhancement Project		Firm responsibility (prime or sub?)	prime
Project number	20-EN-HC-0006	Owner's name	City of Baton Rouge & Parish of East Baton Rouge	
Project location	Scotlandville, LA		Owner's Project Manager	Tom Stephens
Owner's address, phone, email	1100 Laurel Street, Baton Rouge, LA 70802; (225)389-3186; tstephens@brgov.com			
Services commenced by this firm (mm/yy)	10/20	Total consultant contract cost ($1,000's)		$632
Services completed by this firm (mm/yy)	Present	Cost of consultant services provided by this firm ($1,000's)		$569

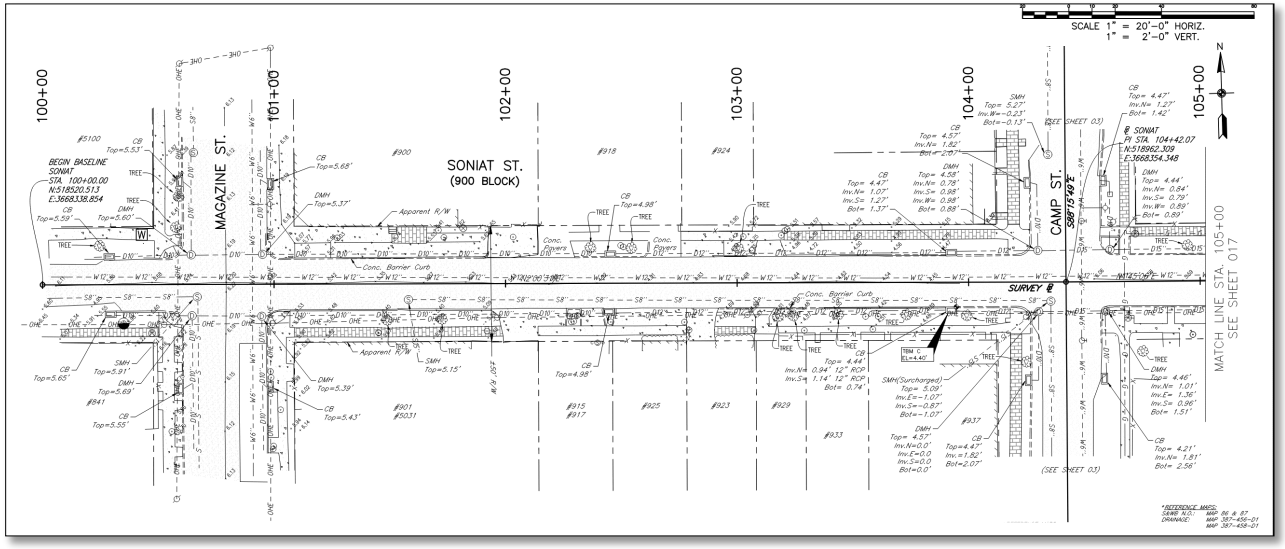
As part of MOVEBR's Enhancement Program, GOTECH was selected to perform surveying and preliminary engineering services for US 61 / Scenic Highway from LA 408 / Harding Boulevard to Swan Avenue. The scope of work includes a topographic survey, traffic study, existing drainage map, drainage design, green infrastructure report, typical sections, plan and profile sheets, a design study, and preliminary design report. GOTECH interfaces with various stakeholders within the community (e.g. Build Baton Rouge, Southern University, Scotlandville Neighborhood Advisory Committee, the MOVEBR Program Management Team, and LADOTD representatives while producing technical concepts to address the purpose and need of the project. Project concepts are constrained by existing Right-of-Way and limited local dollars but will include ADA compliant sidewalks, on-street bike lanes, traffic calming countermeasures, transit stop improvements, and green infrastructure (e.g. biofiltration swales and curb extensions).



Project staff includes: Rhaoul Guillaume, Sr., P.E., Bruce Dyson, P.E., PLS, Drew Walsh, P.E., PMP, CFM and Robert Price, P.E., P.L.S.

Firm name	GOTECH, Inc.			Past Performance Evaluation Discipline(s)*		road
Project name	New Orleans Streets Rehab (RR184)			Firm responsibility (prime or sub?)		sub
Project number	2020 – RR184	Owner's name	City of New Orleans			
Project location	Orleans Parish, LA		Owner's Project Manager	Francis Berger, P.E.		
Owner's address, phone, email	1300 Perdido Street, Suite 6W03, New Orleans, LA 70112, 225-303-7632, francisb@flymsy.com					
Services commenced by this firm (mm/yy)	5/20	Total consultant contract cost ($1,000's)		$64		
Services completed by this firm (mm/yy)	11/20	Cost of consultant services provided by this firm ($1,000's)		$64		

As part of the Capital Improvements Program to restore damaged infrastructure in New Orleans, GOTECH is assisting HNTB by providing topographic surveying, preliminary and final design for streets identified as RR184. GOTECH assisted in the completion of road design of six streets using AutoCAD Civil 3D which included typical sections, plan/profile sheets, cross sections, and geometric detail drawings.



Project staff includes: Rhaoul Guillaume, Sr., P.E., Drew Walsh, P.E., PMP, CFM & Hogan Smith, E.I.

Firm name	GOTECH, Inc.	Past Performance Evaluation Discipline(s)*	Survey
Project name	IDIQ Contract for Design of Safety Projects Statewide with Majority of Work in District 02, 61 & 62	Firm responsibility (prime or sub?)	sub

Project number	4400015484	Owner's name	LADOTD
Project location	Statewide	Owner's Project Manager	Mark Chenevert
Owner's address, phone, email	1201 Capitol Access Road, Room 405-E, Baton Rouge, LA 70802-4438, 225-379-1591, mark.chenevert@la.gov		

Services commenced by this firm (mm/yy)	01/20	Total consultant contract cost ($1,000's)	$N/A
Services completed by this firm (mm/yy)	05/20	Cost of consultant services provided by this firm ($1,000's)	$84

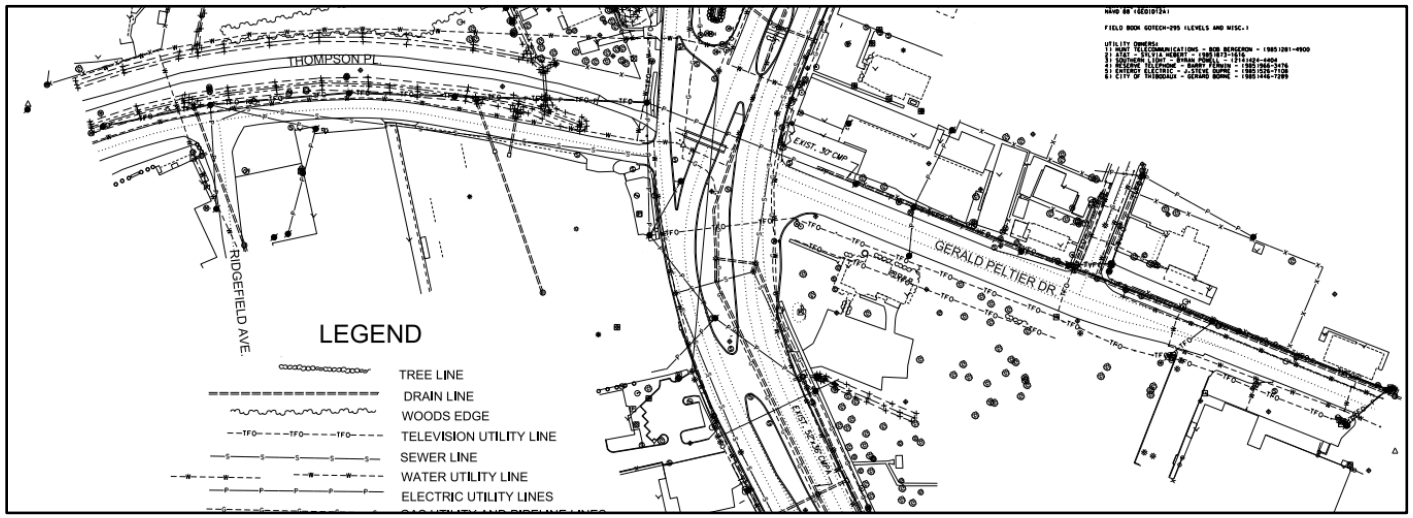
GOTECH provided topographic and utility location survey services in support of design plans and specifications for a complete lighting system for the I-10 at Read Boulevard Interchange in Orleans Parish. Survey crews conducted a complete topographic, elevation and utility survey within the entire limits of the I-10 Interchange with Read Boulevard. The topographic survey also included the location of both above ground and subsurface utilities. In addition, gathered survey data included information on the highway crossing exit/entrance ramps and elevated overpasses to facilitate lighting designs under elevated portions of I-10. All final deliverables were certified and submitted in strict accordance with DOTD Location and Survey standards.

GOTECH provided topographic survey in support of design for the closing of an existing ditch and installation of a sidewalk/multi-use path and handicapped ramps on a roadside design project. The survey was along Bootlegger Road (LA Hwy 1085) from Coquille Park to White Chapel Road. The overall length of the survey was approximately 3,600 feet.

Project staff includes: Robert Price, P.L.S.; Survey Crew: Brise Baker, Raymond Belmer, Jacob Belmer, Michael Major & Sean McKisson

Firm name	GOTECH, Inc.		Past Performance Evaluation Discipline(s)*	Survey
Project name	Acadian Rd Roundabout, Route LA 20 (Canal Blvd) & Local Routes (Back Street, Jackson Street, Thompson Place)		Firm responsibility (prime or sub?)	sub
Project number	4400004485; H..009320	Owner's name	LADOTD	
Project location	Thibodaux, LA		Owner's Project Manager	Mark Chenevert
Owner's address, phone, email	1201 Capitol Access Road, Room 405-E, Baton Rouge, LA 70802-4438, 225-379-1591, mark.chenevert@la.gov			
Services commenced by this firm (mm/yy)	04/15	Total consultant contract cost ($1,000's)		$204
Services completed by this firm (mm/yy)	09/19	Cost of consultant services provided by this firm ($1,000's)		$195

GOTECH, Inc. provided a complete topographic survey required for the design of a roundabout at the existing intersection located in Thibodaux, LA. The survey was completed in accordance with LADOTD Standards and included all utilities with depths, all drainage structures, and DTM for the survey area. The project survey control and horizontal alignment was based on the Louisiana State Plane Coordinate System, (NAD-83-92) as determined by G.P.S. observation. The project also included right-of-way surveys and the preparation of right-of-way maps.



Project staff includes: Rhaoul Guillaume, Sr., P.E., Robert Price, P.L.S., Raymond Belmer & Jacob Belmer

Firm name	GOTECH, Inc.		Past Performance Evaluation Discipline(s)*		CE&I/OV & Survey
Project name	I-12 Widening Design / Build			Firm responsibility (prime or sub?)	sub
Project number	454-01-0047 & 454-02-0025	Owner's name	LA DOTD		
Project location	East Baton Rouge & Livingston Parishes, LA		Owner's Project Manager	Mark Chenevert / Jeff Burst	
Owner's address, phone, email	1201 Capitol Access Road, Room 405-E, Baton Rouge, LA 70802-4438, 225-379-1591, mark.chenevert@la.gov				
Services commenced by this firm (mm/yy)	02/09	Total consultant contract cost ($1,000's)		N/A	
Services completed by this firm (mm/yy)	08/12	Cost of consultant services provided by this firm ($1,000's)		$2,950	

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)
*** If there is more than one past performance evaluation category included in the advertisement, then indicate which past performance evaluation discipline(s) this project is being used to represent.**

GOTECH provided surveying, utility coordination, and construction inspection. For the I-12 Widening Project, GOTECH provided inspections services during the construction phase of the project. GOTECH provided a certified structural inspector, concrete paving inspection, coordinated the utility relocation work, prepared daily reports, witnessed testing of cylinder strength for early breaks to allow traffic to roll as soon as they obtained minimum strength, monitoring the construction of the roadway bridges and overpasses.

Survey work included the establishment of primary vertical and horizontal control within the project limits that will facilitate construction layout, and any surveying that is required to complete the design phase of the project.

The I-12 widening project consisted of expanding the interstate roadway to three travel lanes in each direction for a distance of approximately nine miles. The project extended from the O'Neal Lane intersection in East Baton Rouge Parish to the Walker exit in Livingston Parish. GOTECH was a Sub-Consultant to James Construction Group.

Project staff includes: Rhaoul Guillaume, Sr., P.E.,
CE&I Department: Terry Cormier, Nathan Millard, John Poche, Kenneth Prescott & Charles Stewart
Survey Crew: Raymond Belmer & Jacob Belmer
CADD Department: Diane Henderson

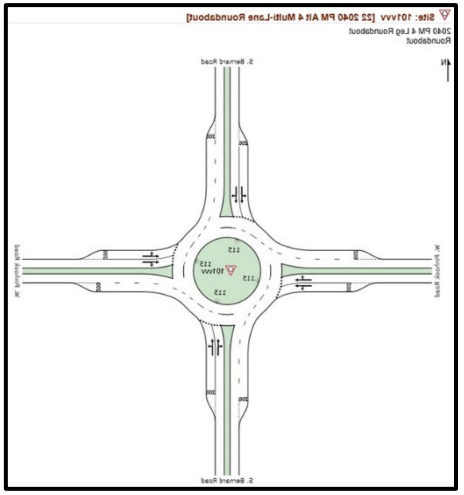
Firm name	Vectura Consulting Services, LLC		Past Performance Evaluation Discipline(s)*	Traffic	
Project name	Stage 0 Roundabout Feasibility Studies in the Lafayette Area		Firm responsibility (prime or sub?)	sub	
Project number	H.004490	Owner's name	Acadiana Planning Commission		
Project location	Lafayette, LA		Owner's Project Manager	Chris Cole	
Owner's address, phone, email	101 Jefferson Street, Lafayette, LA 70501, (337) 806-9363, ccole@planacadiana.org				
Services commenced by this firm	05/16	Total consultant contract cost ($1,000's)		~$200	
Services completed by this firm	09/17	Cost of consultant services provided by this firm ($1,000's)		$80	

Vectura provided Stage 0 feasibility studies for roundabouts at 10 intersections in the Lafayette area. The scope was developed based on EDSMs VI.1.1.1 / VI.1.1.5 and DOTD Traffic Engineering Manual (TEM) Section 20.2.

Task 1 Data Collection

Vectura collected the following traffic data for 10 intersections:

- Seven-day (mainlines) and Two-day (side streets) 24-hour tube counts w/ classification
- Turning movement counts for morning and evening peak periods
- Radar speed studies



Task 2 Traffic Study

This task included a roundabout study as defined in EDSM VI.1.1.5, VI.1.1.1 and DOTD TEM Section 20.2. This task included the following elements:

- Developed growth rate methodology and AM and PM peak traffic volumes for Implementation Year and Design Year
- Performed traffic signal warrants analyses
- Developed Sidra analyses for unsignalized, signalized and roundabout alternatives for implementation and design year
- Developed three-year crash analyses
- Developed draft traffic study report

Task 3 Project Management

This task included a kick-off meeting by conference call as well as two progress conference calls as needed.

Task 4 Final Traffic Study and Deliverables

Comments from the draft Traffic Study were addressed in this task. Two copies of the final traffic study and electronic files were submitted.

Personnel Utilized on this project: Brin Ferlito, Laurence Lambert, and Bridget Robicheaux (100% performed in Louisiana)

Firm name	Vectura Consulting Services, LLC			Past Performance Evaluation Discipline(s)*	Traffic
Project name	I-12 To Bush - LA 3241 (I-12 – LA 36) Corridor Study			Firm responsibility (prime or sub?)	sub
Project number	H.004957.5	Owner's name	LA DOTD		
Project location	Lacombe, LA		Owner's Project Manager	Jeff Burst	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225-379-1356, jeffrey.burst@la.gov				
Services commenced by this firm	09/16	Total consultant contract cost ($1,000's)		$1,895	
Services completed by this firm	05/17	Cost of consultant services provided by this firm ($1,000's)		$84	

As part of the DOTD TIMED program, Vectura prepared a **traffic study** for the new alignment of LA 3241 that included the **interchange ramps at I-12**. The traffic study examined concepts that improved the safety and efficiency of the roadway consistent with the latest DOTD policies related to access management and complete streets. The study included analyses for intersection and corridor improvements such as median openings, spacing of openings, signalized, unsignalized and roundabout intersections.

Task 1 Data Collection

Vectura collected the following traffic data for 10 intersections:

- Seven-day (mainlines) and two-day (side streets) 24-hour tube counts with vehicle classification
- Turning movement counts for morning and evening peak periods
- 15-minute driveway counts
- Traffic signal warrants, radar speed studies and sight distance evaluation
- Developed growth rate methodology and AM and PM peak forecast traffic volumes using TransCAD data

Task 2 Traffic Study

This task included a roundabout study as defined in EDSM VI.1.1.5, VI.1.1.1 and DOTD Traffic Engineering Manual Section 20.2. This task included the following elements:

- Performed Vistro and Sidra analyses for existing conditions
- Performed Vistro and Sidra analyses for implementation and design years
- Intersection alternatives included restricted median openings, signalized and unsignalized intersections, median U-turns at existing signal locations, restricted crossing U-turn (RCUT) intersections, and roundabouts
- Developed Vissim model of the preferred corridor layout
- Developed draft traffic study report

Task 3 Safety Analyses

- Developed three-year crash analyses report as per DOTD standards

Personnel Utilized on this project: Brin Ferlito and Laurence Lambert (100% performed in Louisiana)

18. Identify the team's project experience **most relevant** to the scope in the advertisement. The projects should be limited to a total of 30, with no more than 10 projects being represented by a single firm on the team. If more than 30 projects are identified, all projects identified after the first 30 will not be evaluated. If more than 10 projects are identified for a single firm, all projects identified after the first 10 from that firm will not be evaluated. Include no more than one page per project. Projects identified shall only include work performed by firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm name	Vectura Consulting Services, LLC		Past Performance Evaluation Discipline(s)*		Traffic
Project name	Harrison Avenue Extension Land Use and Transportation Study		Firm responsibility (prime or sub?)		sub
Project number	H.972275.1	Owner's name	Regional Planning Commission		
Project location	St. Tammany Parish, LA		Owner's Project Manager	Jeff Roesel	
Owner's address, phone, email	10 Veterans Blvd, New Orleans, LA 70124, 504-483-8500, jroesel@norpc.org				
Services commenced by this firm	02/17	Total consultant contract cost ($1,000's)		$60	
Services completed by this firm	03/18	Cost of consultant services provided by this firm ($1,000's)		$21.8	

The purpose of this traffic study was to provide the traffic operational analysis for the proposed Harrison Avenue extension and the two Harrison Avenue intersections at LA 59 and at LA 36. In addition, the study examined the impact that the extension would have on the existing roundabout on LA 59 at LA 36.

Data Collection

Vectura collected the following traffic data for 3 intersections:

- Seven-day (mainlines) and two-day (side streets) 24-hour tube counts with classification
- Turning movement counts for morning and evening peak periods for two intersections
- Traffic signal warrants and radar speed studies
- Developed growth rate methodology and AM and PM peak forecast traffic volumes Forecast volumes were based on expected growth consistent with local zoning and planning efforts as well as the Regional Planning Commission travel demand model

Traffic Study

This task included a roundabout study as defined in EDSM VI.1.1.5, VI.1.1.1 and DOTD Traffic Engineering Manual Section 20.2. This task included the following elements:

- Developed three-year crash history for safety analyses
- Performed Vistro and Sidra analyses for existing conditions
- Performed Vistro and Sidra analyses for implementation year and design year Intersection alternatives included signalized and unsignalized intersections and roundabouts
- Developed traffic study report and electronic files

Project Management and Final Transportation Study and Deliverables

These tasks included project coordination with stakeholder and the prime consultant

Personnel Utilized on this project: Brin Ferlito, Laurence Lambert, and Bridget Robicheaux (100% performed in Louisiana)

Firm name	Matrix New World Engineering		Past Performance Evaluation Discipline(s)*	Environmental	
Project name	JFK International Airport Redevelopment Program		Firm responsibility (prime or sub?)	Sub	
Project number	n/a	Owner's name	Port Authority of New York and New Jersey		
Project location	Queens, New York		Owner's Project Manager	Katie Lamond	
Owner's address, phone, email	150 Greenwich St, New York, NY, (212) 435-3783, klamond@panynj.gov				
Services commenced by this firm (mm/yy)	09/19	Total consultant contract cost ($1,000's)		unknown	
Services completed by this firm (mm/yy)	ongoing	Cost of consultant services provided by this firm ($1,000's)		$450	

The Port Authority of New York and New Jersey (Port Authority) established the JFK International Airport Redevelopment Program in support of providing passengers with a world-class airport that has a consistently acceptable level of service in all its facilities. The proposed project will ensure that JFK terminal facilities are sized and equipped to acceptably accommodate existing and forecasted passenger demand and to facilitate passenger connectivity. Without the proposed project, the passenger experience at JFK will decline over time. The Port Authority is currently preparing an Environmental Assessment (EA) under the National Environmental Policy Act (NEPA) for FAA to support approval of a change to the Airport Layout Plan (ALP).

Matrix personnel (**Kim Threlfall** and **Paul Stanton**) conducted technical analyses and prepared NEPA documentation for the proposed Redevelopment Program, working directly with the Port Authority as part of the Project Management Team. Matrix prepared the Socioeconomic Resources, Environmental Justice, Children's Environmental Health and Safety Risks, and Section 4(f) analyses for the draft EA. Matrix personnel (**Kim Threlfall**) also completed the technical review of the NEPA document and worked with the Project Team to prepare for and conduct Public Workshops in connection with the release of the draft EA, address relevant public and agency comments on the document, and the prepare the Final EA. Under previous employment, Matrix personnel further assisted with preparation of the original environmental document. Specifically, Matrix personnel were responsible for assisting with overall NEPA compliance and document review and overseeing analyses and documenting existing conditions and potential impacts associated with biological, coastal, historical, and archaeological, Section 4(f), and water resources as well as reviewing past, present, and reasonably foreseeable future actions with the potential to cumulatively affect resources in the study area. Matrix is currently preparing a Supplemental EA due to design modifications, focused on modifications to on- and off-Airport roadways to improve access to the Airport. Because segments of the Proposed Action would occur partially off-Airport on New York State owned property adjacent to the Airport, the design was coordinated with the New York State Department of Transportation (NYSDOT). In addition, because the Proposed Action would include modification to the Van Wyck Expressway (I-678), the design was also coordinated with FHWA. The FHWA is a Cooperating Agency on the Supplemental EA.

Firm name	Matrix New World Engineering		Past Performance Evaluation Discipline(s)*	Environmental	
Project name	NYCEDC Tompkinsville Esplanade and Pier Project		Firm responsibility (prime or sub?)	Sub	
Project number	n/a	Owner's name	New York City Economic Development Corporation		
Project location	Staten Island, New York		Owner's Project Manager	Joseph I. Silva, PE	
Owner's address, phone, email	276 Fifth Avenue, Suite 1006, New York, NY 10001, jhsl@cowi.com				
Services commenced by this firm (mm/yy)	06/18	Total consultant contract cost ($1,000's)		unknown	
Services completed by this firm (mm/yy)	ongoing	Cost of consultant services provided by this firm ($1,000's)		$644	

Matrix (**Kim Threlfall** and **Paul Stanton**) is responsible for preparing a NEPA EA, obtaining environmental permits (USACE, NYDEC) and conducting hazardous material assessments for the New York City Economic Development Corporation (NYCEDC) to support the creation of a new waterfront esplanade and pier within the Tompkinsville section of Staten Island. In support of this project, Matrix is conducting environmental reviews to satisfy the requirements of National Environmental Protection Act (NEPA) in accordance with FEMA's regulations for NEPA implementation at 44 CFR Parts 9 and 10, New State Environmental Quality Review Act (SEQR) pursuant to 6 NYCRR 617.8 and New York City Environmental Quality Review (CEQR) pursuant to Sections 6-08 and 6-12 of Executive Order No. 91 of 1977. The objective of this project is to create a walkable waterfront recreation area, clean up damage remaining from Superstorm Sandy, and construct a new pier to house NYCDOT dock building operations.

As part of the project, Matrix is coordinating with regulatory agencies and preparing all environmental permit applications as well as performing a Phase I Environmental Site Assessment and subsequent Phase II Environmental Site Investigations (ESIs) along the project area, including collection of soil and groundwater samples. The findings were incorporated into the hazardous materials chapter of the EA. Matrix also prepared a Remedial Action Plan and Construction Health and Safety Plan.

Firm name	Matrix New World Engineering		Past Performance Evaluation Discipline(s)*	Environmental	
Project name	Sherwood Forest Extension (Greenwell Springs Road to Joor Road)		Firm responsibility (prime or sub?)	Prime	
Project number	20-CP-HC-0014	Owner's name	City of Baton, Parish of East Baton Rouge		
Project location	Sherwood Forest Extension (Greenwell Springs Road to Joor Road)		Owner's Project Manager	Tom Stephens	
Owner's address, phone, email	3773 Harding Boulevard, Baton Rouge, (225) 389-3000, tstephens@brla.gov				
Services commenced by this firm (mm/yy)	09/20	Total consultant contract cost ($1,000's)		$39	
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)		$27	

Matrix was selected by the City of Baton Rouge and Parish of East Baton Rouge to conduct wetland delineation fieldwork, wetland data reports and jurisdictional determination requests for the MOVEBR project Sherwood Forest Extension (Greenwell Springs Road to Joor Road). The proposed project consists of a new bridge crossing the Comite River.

Matrix staff (**Chad Turner**, **Angela Singletary**, and **Lee Womack**) were responsible for conducting the wetland delineation and obtaining a preliminary jurisdictional determination for the proposed project corridor. The proposed project consisted of a new two-lane roadway connecting Sherwood Forest to Joor Road, with a new bridge spanning the Comite River. The limits of delineation for the proposed project totaled 246.31 acres. During the field work, Matrix staff encountered multiple land uses/habitats, including an active construction landfill, a co-located pipeline and powerline right-of-way, abandoned sewage disposal ponds, and native hardwood forests typical of the Comite River floodplain. Matrix staff documented and mapped 62.67 acres of jurisdictional wetlands. Additionally, 52.70 acres of non-wetland waters were documented. Of that total, 49.98 acres were Section 10 waters, which are areas determined to be within the mean high water mark of the Comite River. This determination was made based on observed evidence of high water marks in the field, as well as calculated mean high water elevations based on water gages and point cloud LIDAR data. The preliminary jurisdictional determination was received on 5/18/2021 without requiring a site visit with the USACE.

Additionally, Matrix will be providing USACE permitting compliance upon approval of the final design of the roadway. Matrix will provide an Individual Section 10/404 permit application and an LDEQ Water Quality Certification, and provide liaison assistance with the regulatory agencies.

Firm name	TerraXplorations, Inc		Past Performance Evaluation Discipline(s)*	Environmental	
Project name	**Management Summary for the Proposed Zydeco: Houma to St. James Pipeline Project in Terrebonne, Lafourche, and St. James Parishes, Louisiana.**		Firm responsibility (prime or sub?)	Prime	
Project number	2016.007	Owner's name	Providence Engineering and Environmental Group LLC		
Project location	Terrebonne, Lafourche, and St. James Parishes, Louisiana		Owner's Project Manager	Paul Clifton	
Owner's address, phone, email	1201 Main Street, Baton Rouge, LA 70802, 225-766-7400				
Services commenced by this firm (mm/yy)	02/16	Total consultant contract cost ($1,000's)		$32,714.00	
Services completed by this firm (mm/yy)	03.16	Cost of consultant services provided by this firm ($1,000's)		$29,557.00	

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

In February and March 2016, TerraX conducted a Phase I cultural resource survey for the proposed Zydeco: Houma to St. James Pipeline Project in Terrebonne, Lafourche, and St. James Parishes, Louisiana. The fieldwork was conducted under Paul D. Jackson who was assisted by Kenny Pearce. The project area encompasses a survey corridor ranging in width of 24 meters (m) (80 feet [ft.]) to 53 m (164 ft.) and extends in length for 36.13 miles. The project also includes numerous temporary workspaces and access roads. The Phase I investigation included the placement of 2,200 shovel tests along 74 transects and in judgmentally placed locations. An additional 277 shovel tests were dug during site delineation. Of these tests, 113 were positive, 1,585 were negative, and 779 were not excavated due to standing water. Seven new archaeological sites (Z-1 through Z-7) were recorded during this work. Four of these sites (Z-3, Z-5, Z-6, and Z-7) were recommended as potentially eligible for listing in the National Register of Historic Places (NRHP) under Criterion A and D. Each of these sites appeared to be remnants of an early plantation and were possibly involved in a Civil War Battle at Lafourche Crossing. We recommended additional archaeological testing at each location (if they were not able to be avoided) to further access the NRHP eligibility of each site, determine the depth of cultural materials, and the potential impacts of the pipeline to the sites. The remaining three sites (Z-1, Z-2, and Z-4) were too disturbed and lack any future research potential.

* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.

18. Approach and Methodology:

Provide a description of how the work will be performed and provide the proposed project schedule. Include any additional information or description of unique resources that are planned to be used to produce the deliverables. Include any proprietary technologies, methods or approaches that will be used on this project to improve quality or efficiency. If the proposal is for an IDIQ contract, the consultant should review the scope of services in Attachment A to the advertisement to obtain a general understanding of what a typical task order would entail. Based upon that understanding, the consultant should provide a sample schedule that identifies the major milestones, deliverables, tasks, etc., to demonstrate sufficient understanding of a typical task order. The duration of the task order is not required. This section shall be limited to four pages. If more than four pages are included, all pages after the fourth page will not be evaluated.

If the consultant has information it believes is proprietary, label it accordingly.

A. Project Understanding

The GOTECH Team understands that the St. Nazaire Road Extension Project will complete the preliminary stages of a new roadway design. The project will result in the design of a new roadway from the upper project limit (St. Nazaire Road / Hwy 96 intersection) down to the lower limit near the U.S. Hwy 90 / Ambassador Caffrey Parkway / Corne Road intersection in Lafayette Parish, Louisiana.

The main tasks of the project include:

- Line & Grade Study
- Traffic Study
- Environmental Evaluation

The GOTECH Team includes an experienced group of civil engineers, land surveyors, environmental scientists, archeologists, and CAD technicians that have worked together in Louisiana for years. Other Team members include Matrix New World Engineers, Vectura Consulting Services, LLC. And TerraXplorations, Inc. GOTECH will provide engineering, surveying and mapping services. Matrix will cover the environmental tasks in the project. Vectura will produce the traffic and safety work tasks portions of the project. TerraXplorations will provide archaeologist services.

B. Performance Approach

The GOTECH Team has selected specific roles for its team members to fill during the completion of this project. The tasks, as outlined in the Scope of Services, will be conducted in agreement with the project schedule.

- Line & Grade Study: GOTECH will complete the line & grade study in compliance with the project guidelines. The horizontal alignment will be prepared for each alternative. Project features will be evaluated, such as utility conflicts, drainage structures, existing roadway geometry at tie-in locations, and sight distance considerations. Vertical alignment studies will be prepared for each alternate. Vertical factors to be evaluated include vertical grades, points of intersection, lengths of vertical curves, stopping light distances and changes in topographic elevations. Typical sections and utility considerations will be included in the line and grade study.

- Traffic Study: Vectura Consulting will perform the traffic study to analyze the effects of the proposed roadway extension. The traffic study will be performed in accordance with DOTD guidelines and policies. The traffic study phase will include a project invitation meeting, data collections, safety analysis, evaluation of traffic data, alternative analysis and the summary of findings.

Task 0.0 Kick-off Meeting

Vectura Consulting Services, LLC (Vectura) will follow the Traffic Study Scope of Services as outlined on the DOTD Traffic Engineering website. Staff from Vectura have worked closely with the staff of DOTD through the development and implementation of the TEPR process. We have seven traffic engineers who have taken the TEPR course. Vectura will utilize this experience to navigate the TEPR process to arrive upon the optimum scope for each project. As such, one of the most import activities in the TEPR process is the kick-off meeting. It is vitally important to ask the right questions so that consultant and DOTD are starting the project in alignment.

Task 1.0 Initial Data Collection

Vectura staff will verify that the 7-day, 24-hour bi-directional count will be taken on a non-holiday week so that typical traffic conditions will be captured. To the fullest extent possible, Vectura will also ensure that the pneumatic tubes will be placed in a location that is not affected by queuing from nearby traffic signals or driveways.

Staff from Vectura will examine the data to identify any peaking characteristics that may include AM, mid-day and PM peak periods. We will also determine if any schools in the area generate sufficient traffic that should be captured in the Final Data Collection phase. Saturday and Sunday traffic data will also be analyzed to determine if any weekend data is needed in the Final Data Collection phase.

Task 2.0 Final Data Collection

The data collection times for turning movement counts (TMCs) at four intersections will be decided in the Initial Data Collection. As mentioned in the scope, it is assumed that only AM and PM peak periods will be collected. In addition to raw counts, Vectura will deploy sufficient staff to observe the operations of the signalized intersections that includes queues at the beginning of green, end of green, lane utilization, transit operations, bike / ped operations and any other operations that could impact the operation of the signal. Pneumatic tubes will also be deployed for all inbound approaches at the four studied intersections.

Between the AM and PM peak periods, staff from Vectura will perform the geometric field checks at the four studied intersections. Vectura bring both a traffic signal inventory (TSI) and aerial map in the field to make notes on the field conditions. A marked up TSI and annotated aerials will be submitted as part of Appendix B.

After the field visit is concluded, staff from Vectura will take the end of green queues and add them to the raw counts to develop the final TMCs which should account for any unmet demand. Once the final volumes are developed, Vectura will compare the tube counts to the final TMCs. If the difference between the tubes and final TMCs are more than 10%, Vectura will investigate as to the cause of the discrepancy and take corrective measures, if necessary.

Vectura will coordinate with the staff from local MPO's and DOTD to develop a growth rate for design year volumes.

Task 3.0 Existing Safety Analysis

To ensure the data entered the crash reports are accurate, Vectura will read the crash reports and summarize the crash reports so that the DOTD staff can read the essential facts and conclusions from each crash. The crashes will also be shown in a diagram to illustrate any trends of data clusters that would identify correctable crash types. Any anomalies found in the crash data will be reported to DOTD.

Task 4.0 Existing / No Build Traffic Analysis and Preliminary Tier 1

Vectura will either perform an analysis utilizing HCS7 or PTV Vissim for the Existing condition. We will then compare the MOEs developed in analysis tool to our field observations and adjust any default settings to match our field observations, if necessary. Through MOVEBR and other projects, Vectura has developed a deep understanding of the deliverables needed to document the Existing / No Build Conditions and will apply that experience to this project. Once the Existing condition is established, we will grow the traffic volumes utilizing the growth rate obtained from the MPO and perform an analysis on the No Build condition.

Vectura will coordinate with DOTD and the design team to develop potential alternatives for the Stage 0 report. These alternatives will include project constraints that will be influenced by other sections at DOTD, such as Environmental, Safety, Road Design, Bridge, and other local stakeholders. Once the potential alternatives are developed, Vectura will perform a Tier 1 analysis utilizing CAP-X. The Tier 1 document is typically about three pages in length.

Task 5.0 Existing / No Build Traffic Network Review Meeting
Vectura will prepare a written report and presentation materials that will be reviewed in the Existing / No Build Conditions meeting. At that meeting the tool selection for the Alternatives Analysis will be decided.

Task 6.0 Preliminary Tier 2 Analysis
The purpose of this task is to further develop and finalize the alternatives before performing the detailed analysis of them. Vectura will collaborate with DOTD and the stakeholders mentioned above on the alternatives. Sketches of the alternatives will be developed and presented at a meeting with DOTD for final approval.

Task 7.0 Final Alternative Analysis
Building upon the Existing / No Build network, Vectura will utilize either HCS7 or PTV Vissim to compare the alternatives in the design year only utilizing the MOEs listed in the RFQ. Along with the operational MOEs, staff from Vectura will develop intersection summaries that also include the safety MOEs and footprint layouts that include the right-of-way. A Comparative Evaluation Matrix will be utilized to score each alternative to develop a preferred alternative. The project team will coordinate with the Environmental section and may use the Environmental Matrix if it meets the requirements.

Task 8.0 Final Alternatives Analysis Meeting
Vectura will develop a PowerPoint presentation that summarizes Chapter 3 for discussion purposes. All the alternatives will be discussed in detail along with the preferred alternative recommendation.

Task 9.0 Final Report
After the Final Alternatives Analysis Meeting, Vectura will finalize the report for submittal and acceptance to DOTD.

- Environmental Evaluation: Matrix New World Engineering will conduct the environmental evaluation for the project in the form of a Stage 1 environmental documents preparation. This document will include the preparation of a schedule, results of engineering studies, input from public, local and federal agencies and the production of the final document. Also included in this phase of the project are wetlands analysis, noise quality studies and cultural resources analysis. For the cultural resources phase of this project, phase I cultural resources survey shall be conducted for the project site. TerraXplorations, Inc. will perform the work in accordance with current Standards of the Louisiana Division of Historic Preservation and the Louisiana Division of Archeology.

19. Current Workload:

For all contracts where a firm on the team is a prime consultant or sub-consultant and where a) the consultant selection was made by DOTD, and b) a contract was executed by the consultant and the contracting entity by the date the advertisement for this proposal was posted, list all work meeting the following criteria:

1) one of the team's firms is responsible for the performance of the work;
2) authorization to perform the work has been provided, as provided in the contract between the consultant and the contracting entity;
3) the work has not yet been performed and invoiced; and
4) the work is not currently suspended for an indefinite period of time.

For indefinite delivery/indefinite quantity (IDIQ) contracts, list open Task Orders individually.
List only the portion of the fees attributable to firms on the team.

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining Unpaid Balance**
GOTECH, Inc. (Subconsultant to Volkert, Inc.)	CE&I/OV	Contract No. 4400004631; Task Order No. H.003107.6 *Task Order No. 1 *Task Order No. 2	Retainer Contract for Construction Engineering Management and Staff Augmentation Services for District 62 (St. Helena, Livingston, St. John, Tangipahoa, Washington & St. Tammany Parishes)	$0 $171,520
GOTECH, Inc. (Subconsultant to GEC, Inc.)	CE&I/OV	Contract No. 4400017006; Task Order No. H.011670	I-10 / Loyola Interchange Improvements (Jefferson Parish)	$381,870
GOTECH, Inc. (Subconsultant to Hardesty & Hanover, LLC)	CE&I/OV	Contract No. 4400017430; Task Order No. H.001498.6	LA 24 & 316: Company Canal Bridge CE&I (Terrebonne Parish)	$304,467

GOTECH, Inc. (Subconsultant to WSP)	Planning	Contract No. 4400017327	IDIQ Innovative Procurement & Alternative Delivery Support Services, Statewide	$74,052
GOTECH, Inc. (Subconsultant to GEC, Inc.)	CE&I/OV	Contract No. 4400019950 Task Order No. H.003003 Task Order No. H.002151	IDIQ Contracts for Construction Engineering & Inspection Services, Statewide w/Majority of Work in District 03 (Acadia, Lafayette, Evangeline, Iberia, St. Landry, St. Martin, St. Mary & Vermilion Parishes)	$0 $68,000
GOTECH, Inc. (Subconsultant to R.C. Lambert Consultants, LLC)	CE&I/OV	Contract No. 4400019550 SPN: H.001234	LA 1: Port Allen Canal Bridge Replacement Phase 1 (HBI) (CE&I) Route LA 1 (West Baton Rouge Parish)	$548,361
GOTECH, Inc. (Subconsultant to GEC, Inc.)	CE&I/OV	Contract No. 4400023074 Task Order No. H.010725 Task Order No. H.012465	IDIQ Contract for Construction, Engineering & Inspection & Staff Augmentation - Pecan Island Rd - District 61 (Hammond)	$27,048 $70,121

(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. **Do not** 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.

19. For all contracts where a firm on the team is a prime consultant or sub-consultant and where a) the consultant selection was made by DOTD, and b) a contract was executed by the consultant and the contracting entity by the date the advertisement for this proposal was posted, list all work meeting the following criteria:

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    List only the portion of the fees attributable to firms on the team.

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining unpaid balance**
Vectura Consulting Services, LLC	Traffic	H.010616	I-20: LA 544 Overpass Replacement	120,664
Vectura Consulting Services, LLC	Traffic	H.005168.2	New Orleans Rail Gateway Jefferson Highway EA	51,079
Vectura Consulting Services, LLC	Traffic	H.005168.2	New Orleans Rail Gateway Avondale EA	144,494
Vectura Consulting Services, LLC	CE&I	H.007160	EBR Computerized Traffic Signal, Ph VB	49,600
Vectura Consulting Services, LLC	Traffic	H.004791	Belle Chasse Bridge & Tunnel Replacement PPP	14,740
Vectura Consulting Services, LLC	Traffic	H.012030.5	KCS RR Overpasses HBI	28,026
Vectura Consulting Services, LLC	ITS	H.011504.5	Alexandria ITS Phase 2	54,179

(Add rows as needed)

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19. Workload:

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List only the portion of the fees attributable to firms on the team.

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining Unpaid Balance**
Matrix New World Engineering				
n/a				

(Add rows as needed) DO NOT SUM

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For indefinite delivery/indefinite quantity (IDIQ) contracts, list open Task Orders individually.
List only the portion of the fees attributable to firms on the team.

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining Unpaid Balance**
TerraX	NA	NA		NA

(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.

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20. Certifications & Licenses:

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

Certificate of Completion

presented to

Brin Ferlito

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: June 4, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 4

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Brin Ferlito

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: June 11, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 4

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Brin Ferlito

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: September 10, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

U.S. Department of Transportation

Federal Highway Administration

National Highway Institute

nhi national highway institute

Certificate of Training

BRIN FERLITO

has participated in

FHWA-NHI-142005 NEPA and the Transportation Decisionmaking Process

hosted by

LA DOTD/LTRC

Date: *August 10-12, 2022*

Hours of Instruction: 18

Location: *Baton Rouge, LA*

Instructor

Instructor

Allison H. Landry

Local Coordinator

Thomas Harman

Thomas Harman, Director
National Highway Institute

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

Ms. Sheelagh B. Ferlito, P.E., PTOE
Vectura Consulting Services, LLC

Thank you for renewing your certification as a Professional Traffic Operations Engineer®® (PTOE). The Transportation Professional Certification Board (TPCB) congrats you for your continued commitment to your profession. As a PTOE you will be recognized as one of a specialized group of professional Traffic Operations Engineers with the set of skills and expertise needed to build better communities.

Your certification is renewed through 9/9/2024.

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.

At the end of the three-year period, your certification will be renewed without examination provided you have met the continuing education requirements described in the enclosed attachment.

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 9/9/2024. Failure to renew within the 3-month grace period will result in a certified inactive letter and penalty fees for renewal. Visit our website for more information. http://www.tpcb.org/PTOE/feeschedule.asp

TPCB seeks to maintain the highest level of quality for its certification programs. Since its inception, the TPCB has required its certificants to maintain records with regard fulfillment of continuing education requirements. Please be advised that as of January 1, 2018, TPCB is phasing in a policy in which 20% of certificant renewals will be randomly selected for audit and the certificant will be required to provide documentation (certificates of completion, course syllabus, meeting agenda/registration, etc.) to demonstration fulfillment of continuing education requirements. The professional record-keeping system available from ITE, provides a resource to record the dates of completion of continuing education and maintain the necessary supporting documentation.

The TPCB continues its efforts to grow and enhance the value of the PTOE and its other certifications. In 2019 the TPCB web site was redesigned and a new certification – the Road Safety Professional – was launched. Going forward the TPCB is committed to expanding the awareness of its certification programs, encouraging jurisdictions to give preference to certificants and growing the number of certified professionals.

The TPCB distributes a quarterly newsletter and highlights the value of the its certification programs through the tpcb.org website. If you would like to contribute to the newsletter or website, 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,

Deborah L. Snyder, P.E., PTOE
Chair, Transportation Professional Certification Board Inc.

Certificate of Completion

presented to

Laurence Lambert

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: July 16, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 2

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Laurence Lambert

for completing the

Traffic Engineering Analysis Process & Report
Module 2

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Laurence Lambert

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: October 15, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Transportation Professional Certification Board Inc.

1627 Eye Street, NW • Suite 500 • Washington, DC 20006 USA • Tel: 202-785-0060 • Fax: 202-785-0609 • www.tpcb.org

Mr. Laurence L. Lambert, II, P.E., PTOE, PTP
Vectura Consulting Services, LLC
PO Box 14269
Baton Rouge, LA 70898-4269 USA

Thank you for renewing your certification as a Professional Traffic Operations Engineer® (PTOE). The Transportation Professional Certification Board (TPCB) congrats you for your continued commitment to your profession. As a PTOE you will be recognized as one of a specialized group of professional Traffic Operations Engineers with the set of skills and expertise needed to build better communities.

Your certification is renewed through 2/3/2025.

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.

At the end of the three-year period, your certification will be renewed without examination provided you have met the continuing education requirements described in the enclosed attachment.

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 2/3/2025. Failure to renew within the 3-month grace period will result in a certified inactive letter and penalty fees for renewal. Visit our website for more information. http://www.tpcb.org/PTOE/feeschedule.asp

TPCB seeks to maintain the highest level of quality for its certification programs. Since its inception, the TPCB has required its certificants to maintain records with regard fulfillment of continuing education requirements. Please be advised that as of January 1, 2018, TPCB is phasing in a policy in which 20% of certificant renewals will be randomly selected for audit and the certificant will be required to provide documentation (certificates of completion, course syllabus, meeting agenda/registration, etc.) to demonstration fulfillment of continuing education requirements. The professional record-keeping system available from ITE, provides a resource to record the dates of completion of continuing education and maintain the necessary supporting documentation.

The TPCB continues its efforts to grow and enhance the value of the PTOE and its other certifications. In 2019 the TPCB web site was redesigned and a new certification – the Road Safety Professional – was launched. Going forward the TPCB is committed to expanding the awareness of its certification programs, encouraging jurisdictions to give preference to certificants and growing the number of certified professionals.

The TPCB distributes a quarterly newsletter and highlights the value of the its certification programs through the tpcb,org website. If you would like to contribute to the newsletter or website, 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,

Deborah L Snyder

Deborah L. Snyder, P.E., PTOE
Chair, Transportation Professional Certification Board Inc.

Certificate of Completion

presented to

Kristen Gahagan

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: July 30, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 2.5

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Kristen Gahagan

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: August 6, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Kristen Gahagan

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: October 29, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

U.S. Department of Transportation

Federal Highway Administration

National Highway Institute

national highway institute

Certificate of Training

KRISTEN FARRINGTON

has participated in

FHWA-NHI-142005 NEPA and the Transportation Decisionmaking Process

hosted by

LA DOTD/LTRC

Date: *August 10-12, 2022*

Location: *Baton Rouge, LA*

Hours of Instruction: 18

Instructor

Instructor

Allison H. Landry

Local Coordinator

Thomas Harman

Thomas Harman, Director
National Highway Institute

21: QA/QC Plan and/or Work Plan:

If the advertisement requires submission of a QA/QC plan or Work plan, include them here. Otherwise, leave this section blank.

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**
Vectura Consulting Services, LLC	PO Box 14269, Baton Rouge, LA 70898	Brin Ferlito, bferlito@vecturacs.com	225-223-6685
Matrix New World Engineering	2798 O'Neal Lane, Building F Baton Rouge, LA 70816	Chad Turner cturner@mnwe.com	337-349-7755
TerraXplorations Incorporated	3523 18th Ave, NE Tuscaloosa, Alabama 35406	Paul Jackson pdjackson@terraxplorations.com	205-799-5638

(Add rows as needed)

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.