





Genuine Ingenuity

10000 Perkins Rowe
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225.757.5849
GreshamSmith.com

**Gresham
Smith**

June 15, 2022

Mr. Michael Gorbaty
Consultant Contract Services Administrator
Department of Transportation and Development
1201 Capitol Access Road, Room 405-E
Baton Rouge, LA 70802

Re: Advertisement for Engineering and Related Services
Contract No. 4400024424
Contract for I-10 ITS Scott to Lake Charles (CE&I)
State Project No. H.013256.6
I-10 - Lafayette, Acadia and Jefferson Davis Parishes

Dear Gorbaty,

At Gresham Smith, we have been honored to partner with LADOTD and numerous public agencies on a variety of projects. From our Baton Rouge office, and also at the corporate level, we share in the stake that the LADOTD holds in carrying out its responsibilities in the most effective manner possible.

Over the past 5 years we have served the LADOTD ITS section on the ITS CE&I IDIQ contract. As part of that contract, we are intimately familiar with this work and this specific project, and we look forward to the opportunity to partner with LADOTD to provide these services here for the I-10 ITS Scott to Lake Charles (CE&I) project.

To support LADOTD and our team in this endeavor, we have included Michael Baker International (MBI). Gresham Smith and MBI have successfully performed similar work together on a number previous LADOTD contracts such as the current ITS CE&I IDIQ and the Augmentation of Staff Contract for District 07. This team brings added value over and above your vision for the contract, and offers the DOTD a winning formula based on the following:



- Project Manager, Christina Florez, P.E., will supervise the day to day operations of the project to ensure that the work is progressing in accordance with the contract scope, schedule and budget. Christina currently serves as the PM for the LADOTD ITS CE&I IDIQ contract.
- Project Engineer, Doug Smith, P.E., will oversee and direct inspectors, to ensure the contractor's compliance with the plans and specifications, as well as maintaining communications with all stakeholders and the Project Coordinator and Area Engineer on all matters affecting the project scope, schedule, and budget. Doug currently serves as the PE for the LADOTD ITS CE&I IDIQ contract.
- Assistant Project Engineer, Julian Bordelon, E.I., will assist Doug with the PE duties by assisting with the coordination of the inspectors and with the commissioning, integration and testing of the fiber optic and electronic components included within the construction of this project. Julian currently serves as the assistant PE for the LADOTD ITS CE&I IDIQ contract.
- Inspector team of Eddie Morgan, P.E., Bud Smith, and Daniel Knott will perform daily inspector duties for this project, ensuring that the contractor work is in compliance with the plans and specifications. Eddie, Bud and Daniel currently serve as inspectors for the LADOTD ITS CE&I IDIQ contract.

The Gresham Smith team is eager, enthusiastic and available to start work immediately on this project. We respectfully ask for your consideration and appreciate the opportunity to present this proposal. Please feel free to contact me with any questions at 225.282.2101 or by email at bert.moore@greshamsmith.com or our proposed project manager, Christina Florez at 225.757.5849 or by email at christina.florez@greshamsmith.com.

Sincerely,


Herbert "Bert" Moore II, P.E., PLS, PTOE
State Transportation Leader - Louisiana

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	Contract for I-10 ITS Scott to Lake Charles (CE&I)
2. Contract number(s) as shown in the advertisement	4400024424
3. State Project Number(s), if shown in the advertisement	H.013256.6
4. Prime consultant name (as registered with the Louisiana Secretary of State where such registration is required by law)	 Gresham Smith
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	EF.0003429 DUNS number: 059153676
6. Prime consultant mailing address	10000 Perkins Rowe, Suite 280, Baton Rouge, LA 70810
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	10000 Perkins Rowe, Suite 280, Baton Rouge, LA 70810
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Christina Florez, P.E., Senior ITS Engineer 225.757.5849 / christina.florez@greshamsmith.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Herbert "Bert" Moore, II, P.E., PLS, PTOE State Transportation Leader - Louisiana 225.757.5849 / bert.moore@greshamsmith.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: June 15, 2022

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): Firm(s)' %:



12. Past Performance Evaluation Discipline Table:

Past Performance Rating Categories	% of Overall Contract	Gresham Smith (Prime)	Michael Baker International (Sub)
CE&I/OV	70%	71%	29%
ITS	30%	100%	0%
Identify the percentage of work for the <u>overall contract</u> to be performed by the prime consultant and each sub-consultant.			
Percent of Contract	100%	80%	20%

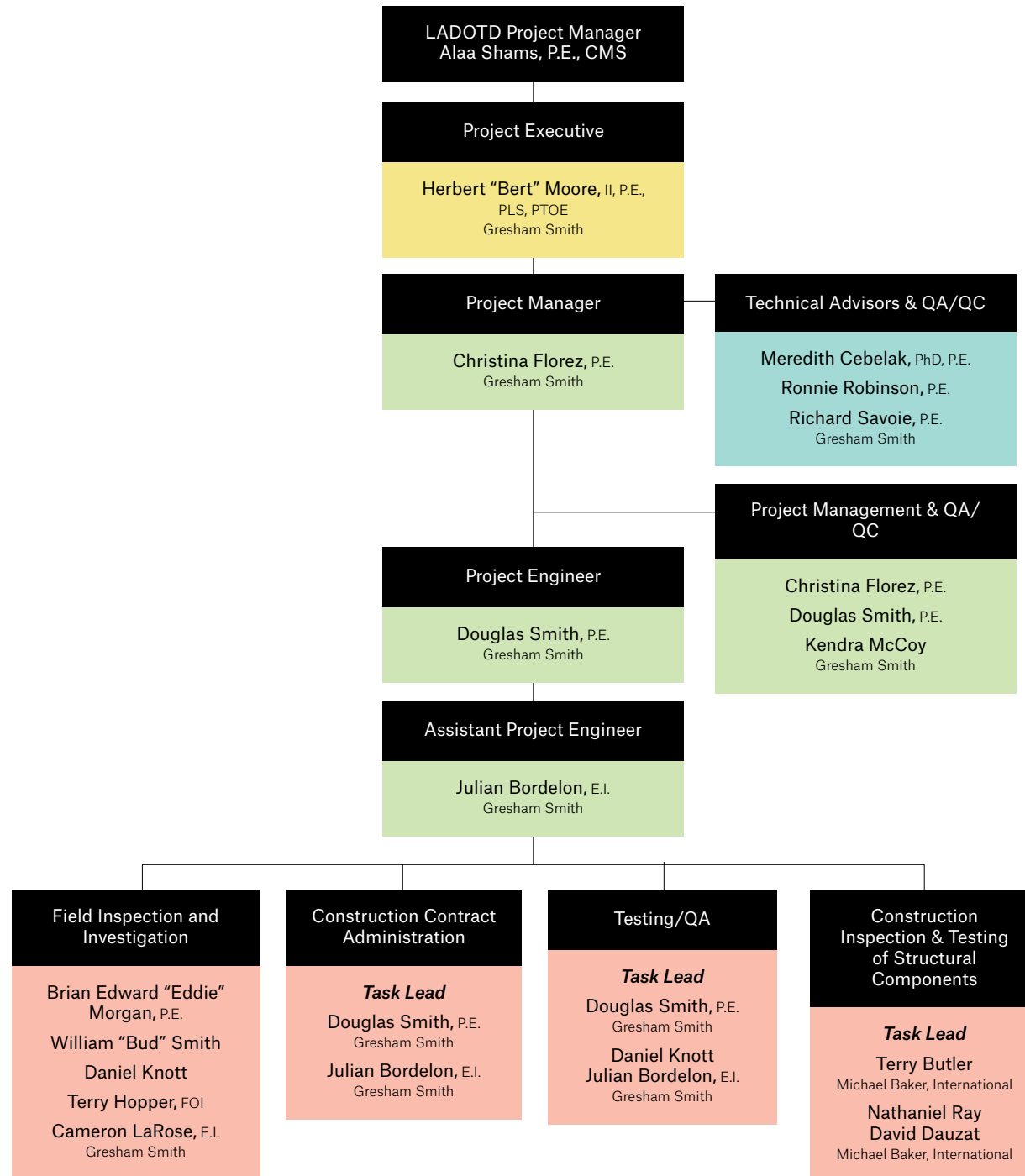


13. Firm Size:

Firm Name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
Gresham Smith	Principal	1	2
Gresham Smith	Supervisor-Engineer	8	12
Gresham Smith	Supervisor-Other	1	5
Gresham Smith	Engineer	6	14
Gresham Smith	Engineer-Other	1	4
Gresham Smith	Professional	1	3
Gresham Smith	Engineer Intern	6	8
Gresham Smith	Senior Technician	2	3
Gresham Smith	GIS Analyst	0	1
Gresham Smith	CADD-Operator	0	2
Gresham Smith	Clerical	1	1
Gresham Smith	ITS Technician	2	4
Gresham Smith	ITS Technician - Lead	1	2
Gresham Smith	Inspector	2	4
Gresham Smith	Inspector – Certified	1	2
Gresham Smith	Inspector - Lead	1	2
Michael Baker, International	Principal	1	2
Michael Baker, International	Supervisor – Engineer	2	7
Michael Baker, International	Supervisor - Other	0	12
Michael Baker, International	Inspector – Lead	2	3
Michael Baker, International	Inspector – Certified	1	2
Michael Baker, International	Inspector	1	14
Michael Baker, International	Administrative	1	2
Michael Baker, International	ITS Technician	0	2



14. Organizational Chart:



15. Minimum Personnel Requirements:

MPR (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 required	State of license	License / certification expiration date
1.	Herbert "Bert" Moore, II, P.E., PLS, PTOE	Gresham Smith	P.E. (Civil)	Louisiana	P.E., LA 31065 Exp. 9/30/2023
			PLS	Louisiana	PLS LA 5043 Exp. 9/30/2023
			PTOE	International	PTOE 2728 Exp. 9/30/2024
2.	Herbert "Bert" Moore, II, P.E., PLS, PTOE	Gresham Smith	P.E. (Civil)	Louisiana	P.E., LA 31065 Exp. 9/30/2023
			PLS	Louisiana	PLS LA 5043 Exp. 9/30/2023
			PTOE	International	PTOE 2728 Exp. 9/30/2024
3.	Christina Florez, P.E.	Gresham Smith	P.E. (Electrical)	Louisiana	P.E., LA 38799 Exp. 9/30/22
4.	Christina Florez, P.E.	Gresham Smith	P.E. (Electrical)	Louisiana	P.E., LA 38799 Exp. 9/30/22
	Meredith Cebelak, Ph.D., P.E.	Gresham Smith	P.E. (Civil)	Louisiana	P.E., LA 39985 Exp. 3/31/24
5.	Doug Smith, P.E.	Gresham Smith	P.E. (Electrical)	Louisiana	P.E., LA 43689 Exp. 3/31/2024

(Add rows as needed)




16. Staff Experience:

Gresham Smith



Herbert "Bert" Moore, II, P.E., PLS, PTOE

Project Executive

 <div>Herbert "Bert" Moore, II, P.E., PLS, PTOE Project Executive</div>	Years of experience with this firm/employer			7
	Years of experience with other firm(s)/employer(s)			16
Degree(s) / Years / Specialization	Bachelor of Science / 1999 / Civil Engineering, Louisiana State University			
Active registration number / state / expiration date	P.E.0031065 / LA / Exp. 9/30/22 PTOE 2728 / Exp. 9/30/23 PLS 5043 / LA / Exp. 9/30/22			
Year registered	2004(PE); 2009(PTOE); 2010(PLS)	Discipline	P.E./Civil, PLS, PTOE	
Contract role(s) / brief description of responsibilities		Gresham Smith Project Executive / Bert will oversee the entire project.		
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).			
Career	In his 22 years of experience as both as a consultant and as LADOTD's District Traffic Operations Engineer for District 61, Bert has demonstrated his knowledge of DOTD requirements and preferences, and proven adept at getting things done efficiently. Bert has spent the majority of his 22 year career working with the traffic signal system and ITS equipment in the Baton Rouge area, having performed design, operations, CE&I and maintenance duties on these systems			
2/18 – 9/21	LADOTD, ITS CEI Retainer, Signal Communications Upgrade Phase 1, CEI, Various, LA Project Executive. Gresham Smith is providing the project engineering and administration, as well as field inspection services. The contractor is installing underground conduit, pull boxes, fiber optic cables, replacing signal cabinets, upgrading signal controllers and installing CCTV cameras. CEI tasks include on-site daily/nightly construction inspection, daily/weekly/monthly construction inspection reporting, construction management, pre-construction meeting, construction progress meetings, submittal coordination and tracking, sampling plan review, sampling coordination and documentation, verifying compliance documentation, claims processing and tracking, construction schedule review and tracking, SWPPP coordination, certified payroll review and exception resolution, monthly partial estimate reviews, change order processing, site manager updates, field diaries, commission test findings report, witnessing fiber optic cable testing, commission testing and system integration testing, and final project file documents. Bert's responsibilities included overall project coordination and team management.			
1/19 – Ongoing	LADOTD, ITS CEI Retainer, Lake Charles Phase 3 ITS, CEI, Lake Charles, LA Project Executive. Gresham Smith is providing Construction Engineering Inspection Services, including a Project Engineer, on-site daily/nightly inspection and technical construction inspection, throughout the course of construction. Bert is responsible for oversight of the entire project.			



4/19 – 5/20	LADOTD, ITS CE&I IDIQ, Task Order #2: Fiber Optic Mapping & Management, Ascension, East Baton Rouge, West Baton Rouge, Livingston and Terrebonne Parishes, LA Project Executive. Gresham Smith was tasked with expanding the Fiber Optic Mapping & Management system to various parishes. Bert was responsible for overall project coordination and team management.
6/16 – 9/17	LADOTD, ITS Design & Integration WO#3: ATMS.Now Design and Integration, Statewide, LA Project Executive. Gresham Smith implemented a central traffic signal software system that would increase the Department's functionality with traffic signals, improve communications to field devices and allow the back-up of signal controller configurations at a central location. Bert's responsibilities included project management, QA/QC, workshop facilitation, functional requirement development, meeting with vendors and stakeholders, assisting and documenting the training performed by vendor and assisting with the system verification.
8/15 – 11/18	LADOTD, ITS Design & Implementation WO#4: I-10 Twin Span ITS-Orleans & St. Tammany Parishes, Statewide, LA Project Executive. Gresham Smith developed design plans along with specifications and cost estimates for the eight-mile I-10 Twin Span ITS project. The project retrofitted ITS equipment along the corridor utilizing existing fiber, electrical systems, cabinets, camera poles, a Dynamic Message Sign (DMS) structure, a communications hut and a bridge health system. Bert was responsible for the overall project management, QA/QC, traffic control plans, transportation management plan (TMP), constructability / biddability forms and cost estimates.
10/18 – Ongoing	LADOTD, LCG Adaptive Traffic Signal System, Lafayette, LA Project Executive. Gresham Smith developed an Adaptive Traffic Signal System for the Lafayette Consolidated Government, which involved upgrading over 200 traffic signal controllers. In addition, 78 traffic signals will be upgraded to become adaptive traffic signals. This will be both the largest adaptive traffic signal system installed within the state of Louisiana. This project includes field inspection of over 200 traffic signals, design plans for 78 adaptive signals, implementation of a new EVP system, integration support, and before travel time studies. Bert is responsible for overseeing the, design of traffic signals, integration and QA/QC.
4/17 – 8/17	LADOTD, ITS Design & Implementation WO#8: Emergency Vehicle Preemption (EVP) Devices SEA, East Baton Rouge Parish, LA Project Executive. The City of Baton Rouge incorporated the upgrade of their existing Emergency Vehicle Preemption (EVP) system within an existing safety project. The existing EVP system was outdated, utilized line of sight equipment and not installed on all intersections within the city's jurisdiction. Gresham Smith was selected to develop a SEA to upgrade EVP equipment throughout the parish. Bert's responsibilities included workshop facilitation, stakeholder coordination, and QA/QC.
7/16 – 7/18	LADOTD, ITS Design & Integration WO#5: I-12 Ramp Meter Upgrades, East Baton Rouge and Livingston Parishes, LA Project Executive. Gresham Smith was tasked with performing a feasibility assessment on the existing ramp meters along I-12. The assessment included reviewing the existing system components, determining status of functionality, performing best practices research, and developing recommendations and typical layouts. Bert's responsibilities included leading the field inspections, meeting with vendors and stakeholders, project management, QA/QC, and development of recommendations.



16. Staff Experience:

Gresham Smith



Christina Florez, P.E.

Senior ITS Engineer / Project Manager

Years of experience with this employer

5

Years of experience with other employer(s)

15

Degree(s) / Years / Specialization		Bachelor of Science / 2001 / Electrical Engineering, Florida International University	
Active registration number / state / expiration date		PE.0038799 / LA / Exp. 9/30/22 PE 65603 / FL / Exp. 2/28/23	
Year registered		2014 (LA), 2007 (FL)	Discipline P.E./Electrical and Computer
Contract role(s) / brief description of responsibilities		Project Manager / Christina will provide leadership and oversight of all aspects of this project. She will also provide Technical Support as needed.	
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).		
Career	Christina has been a senior project manager/electrical engineer on complex ITS projects over the past 21 years. Her experience includes: ITS engineer of record on design-bid-build and design-build projects for multiple DOT clients, integrated corridor management (ICM) planning studies, ITS design and construction support, field inspection and testing, variable-speed-limit (VSL) system design, transportation systems management and operations, systems engineering analyses, incident management system (IMS), and reversible-lane plan development. Her ITS design projects included CCTV, DMS, radar detection, active traffic management, travel time systems, express lanes, communications, and electrical subsystems.		
1/19 – Ongoing	LADOTD, ITS CEI Retainer, Lake Charles Phase 3 ITS, CEI, Lake Charles, LA Project Manager. Gresham Smith is providing Construction Engineering Inspection Services, including a Project Engineer, on-site daily/nightly inspection and technical construction inspection, throughout the course of construction. Christina is responsible for oversight of the entire project.		
2/18 – 9/21	LADOTD, ITS CEI Retainer, Signal Communications Upgrade Phase 1, CEI, Various, LA Project Management/Project Engineer. Gresham Smith is providing the project engineering and administration, as well as field inspection services. The contractor is installing underground conduit, pull boxes, fiber optic cables, replacing signal cabinets, upgrading signal controllers and installing CCTV cameras. CEI tasks include on-site daily/nightly construction inspection, daily/weekly/monthly construction inspection reporting, construction management, pre-construction meeting, construction progress meetings, submittal coordination and tracking, sampling plan review, sampling coordination and documentation, verifying compliance documentation, claims processing and tracking, construction schedule review and tracking, SWPPP coordination, certified payroll review and exception resolution, monthly partial estimate reviews, change order processing, site manager updates, field diaries, commission test findings report, witnessing fiber optic cable testing, commission testing and system integration testing, and final project file documents.		
2/17 – 10/17	LADOTD, ITS Design & Implementation WO#7: Signal Communications Upgrade Phase 1 – Systems Engineering Assessment (SEA), Various Locations, LA Project Manager. The project consists of modifications and upgrades of the existing infrastructure to provide connectivity to various signals. Christina was responsible for project management, ITS technical support, document development, including Concept of Operations and review, ITS regional architecture review and QA/QC.		



9/16 – 9/17	LADOTD, ITS Design, Integration and System Verification Services, WO#3: ATMS.Now Design and Integration, Statewide, LA Senior ITS Engineer. Seeking to replace the existing obsolete system with a more unified traffic control system, the LADOTD upgraded to Trafficware's ATMS.Now, a central management system that unified the traffic signal systems statewide and allowed more effective and efficient monitoring and control. Christina's responsibilities included ITS technical support, training oversight and document review.
9/16 – 05/18	LADOTD, ITS Design & Implementation WO#4: I-10 Twin Span ITS-Orleans & St. Tammany Parishes, Statewide, LA Project Manager. Gresham Smith developed design plans along with specifications and cost estimates for the eight-mile Twin Span ITS Project. Christina's responsibilities included project management and post-design ITS technical support.
12/18 – Ongoing	LADOTD, LCG Adaptive Traffic Signal Design and Implementation, Lafayette Parish, LA Project Manager. Christina is responsible for project management, ITS technical support for design plans and integration and QA/QC.
7/17 – 04/22	FDOT D6, SR 826/Palmetto Expressway from E of NW 57th Ave to E of NW 42nd Ave, Miami, FL Project Manager / ITS Engineer of Record. The design included CCTV cameras, DMS, arterial DMS, radar detection, and ramp signaling, lightning protection, fiber optic communications network and power distribution system with stand-by generators. Christina was responsible for project management, ITS design, segment coordination, discipline coordination, and QA/QC.
11/16 – 1/19	LADOTD, ITS Design and Implementation, WO#6: Fiber Optic Mapping and Management, Tangipahoa, St. Tammany, St. John and Orleans Parishes, LA Project Manager. Gresham Smith conducted a pilot project for the LADOTD which included developing preliminary policies for the ITS Field Asset Management System (FAMS). Christina's responsibilities included project management, ITS technical support and document review.
9/16 – 7/18	LADOTD, ITS Design and Implementation, WO#5: I-12 Ramp Meter Upgrades, East Baton Rouge and Livingston Parishes, LA Project Manager. Gresham Smith was tasked with analyzing the existing Ramp Meter System along I-12 to determine upgrade needs. Christina's responsibilities included project management, ITS technical support and document review.
5/17 – 8/17	LADOTD, ITS Design and Implementation, WO#8: Emergency Vehicle Preemption (EVP) Devices SEA, East Baton Rouge Parish, LA Project Manager. Gresham Smith developed the Systems Engineering Assessment for the project. Christina was responsible for project management, ITS technical support, document development, including Concept of Operations and review, ITS regional architecture review and QA/QC.
8/15 – 7/19	FDOT D6, ITS Miscellaneous Services, Miami, FL Project Manager. As FDOT's representative, Christina was responsible for coordination and management of all engineering services on multiple task work orders to support FDOT's ITS program, including providing ITS reviews for the SR 826/I-75 Express Lanes, I-75 Segment AB Express Lanes, and I-75 Systems Integrator projects; updating server room as-builts; and providing support for contract negotiations on various projects, including the Okeechobee Road and Palmetto Express design projects.
6/17 – 3/18	LADOTD, ITS Design and Implementation, WO#9: ITS Strategic Business Plan Update, Statewide, LA Project Manager. Gresham Smith was tasked with updating the ITS Strategic Business Plan which included conducting visioning meeting, documenting existing conditions, performing benefit-cost analysis of the program, providing implementation strategies and recommending priorities. Christina was responsible for project management, document development, including benefit/cost analysis and deployment plan, and QA/QC.
9/09 – 9/16	FDOT D6, Section 5 - SR 826 and SR 836 Interchange Reconstruction Design-Build, Miami, FL Project Manager, ITS Engineer of Record. The design-build project includes the design, installation and upgrade of ITS components and subsystems, including fiber-optic and wireless communications, 30 CCTV cameras, 41 microwave detectors, six freeway DMSs and 18 arterial DMSs along both SR 826 and SR 836 and two separate power distribution systems. Christina was responsible for systems engineering management documentation, development of the ITS master plan, project design, development of test plans, report preparation and post-design services.



16. Staff Experience:

Gresham Smith



Douglas Smith, P.E.

ITS Engineer

Years of experience with this employer

5

Years of experience with other employer(s)

15

Degree(s) / Years / Specialization		Bachelor of Science / 2000 / Industrial Engineering, Louisiana State University	
Active registration number / state / expiration date		PE.0043689 / LA / 3/31/2024	
Year registered		2019 (LA)	Discipline P.E./Electrical
Contract role(s) / brief description of responsibilities		Project Engineer / Doug will be the task leader for Construction Contract Administration and Testing / QA.	
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).		
Career	Doug is a Professional Electrical Engineer in Louisiana. He brings 20 years of multidiscipline design experience with an electronics design focus. He has managed the design and deployment of research projects at Louisiana State University consisting of complex sensor arrays and custom data acquisition systems. He also designed, constructed, and maintained electronic equipment used in teaching, research activities, and consumer electronics. Doug's diverse background in electrical design, communications and programming enhances the team with hands-on practical knowledge which is applied to all design and construction tasks.		
02/18 – 9/21	LADOTD, ITS CEI Retainer, Signal Communications Upgrade Phase 1, CEI, Various, LA Assistant Project Engineer. Gresham Smith is providing the project engineering and administration, as well as field inspection services. The contractor is installing underground conduit, pull boxes, fiber optic cables, replacing signal cabinets, upgrading signal controllers and installing CCTV cameras. CEI tasks include on-site daily/nightly construction inspection, daily/weekly/monthly construction inspection reporting, construction management, pre-construction meeting, construction progress meetings, submittal coordination and tracking, sampling plan review, sampling coordination and documentation, verifying compliance documentation, claims processing and tracking, construction schedule review and tracking, SWPPP coordination, certified payroll review and exception resolution, monthly partial estimate reviews, change order processing, site manager updates, field diaries, commission test findings report, witnessing fiber optic cable testing, commission testing and system integration testing, and final project file documents. Doug was responsible for assisting in construction contract administration, field investigations, and construction inspection.		
1/19 – Ongoing	LADOTD, ITS CEI Retainer, Lake Charles Phase 3 ITS, CEI, Lake Charles, LA Project Engineer. Gresham Smith is providing Construction Engineering Inspection Services, including a Project Engineer, on-site daily/nightly inspection and technical construction inspection, throughout the course of construction. Doug is responsible for construction contract administration, field investigations, and construction inspection.		
5/17 – 5/18	LADOTD, ITS Design & Implementation WO#4: I-10 Twin Span ITS, Orleans & St. Tammany Parishes, Statewide, LA Pre-Professional. Gresham Smith developed design plans along with specifications and cost estimates for the eight-mile Twin Span ITS Project. Doug performed field investigations and provided NEC technical support in addressing Request for Information from the construction contractor.		



12/18 – Ongoing	LADOTD, LCG Adaptive Traffic Signal Design and Implementation, Lafayette Parish, LA ITS Engineer. Doug provided technical support for design plans and assisted in the field review and assisted in the field verification of the traffic signal inventory (TSI) of LCG's systems. Doug is an integral part of the integration support.
4/19 – 5/20	LADOTD, ITS CE&I IDIQ, Task Order #2: Fiber Optic Mapping & Management, Ascension, East Baton Rouge, West Baton Rouge, Livingston and Terrebonne Parishes, LA ITS Engineer. Gresham Smith was tasked with expanding the Fiber Optic Mapping & Management system to various parishes. Doug was responsible for data processing, developing procedures and templates, coordinating workload, coordinating data collection and drafting an evaluation report.
1/17 – 1/19	LADOTD, ITS Design & Implementation WO#6: Fiber Optic Mapping & Management, Statewide, LA Pre-Professional. The project consisted of implementing the mapping of ITS field devices, fiber networks, and inventory and maintenance records. Doug was responsible for data processing, developing procedures and templates, coordinating workload and drafting an evaluation report.
12/17 – 6/18	LADOTD, ITS Design & Implementation WO#5: I-12 Ramp Meter Upgrades, East Baton Rouge and Livingston Parishes, LA Pre-Professional. Gresham Smith was tasked with performing a feasibility assessment on the existing ramp meters along I-12. The assessment included reviewing the existing system components, determining status of functionality, performing best practices research, and developing recommendations and typical layouts. Doug analyzed data from vehicle detection devices and drafted a technology evaluation report.
2/17 – 10/17	LADOTD, ITS Design & Implementation WO#7: Signal Communications Upgrade Phase 1 – SEA, Various Locations, LA Pre-Professional. Gresham Smith developed the Systems Engineering Analysis (SEA) for the Signal Communications Upgrade project. The project included defining the high level requirements, developing the concept of operations, laying out operational strategies, determining the length of the expansion, how many signals to be connected, any additional hardware or software requirements, and how it may be implemented and used by partner agencies. The project included 38 signals along 9 corridors. Doug was responsible for field investigations, ITS architecture and cost estimates.
5/17 – 8/17	LADOTD, ITS Design & Implementation WO#8: Emergency Vehicle Preemption (EVP) Devices SEA, East Baton Rouge Parish, LA Pre-Professional. The City of Baton Rouge incorporated the upgrade of their existing Emergency Vehicle Preemption (EVP) system within an existing safety project. The existing EVP system was outdated, utilized line of sight equipment and not installed on all intersections within the city's jurisdiction. Gresham Smith was selected to develop a SEA to upgrade EVP equipment throughout the parish. Doug was responsible for developing the concept of operations, ITS architecture, and cost estimates.
2/20 – Ongoing	KYTC, I-Move Design-Build, Jefferson and Oldham Counties, KY ITS Engineer. The project includes the ITS design for CCTV cameras and Dynamic Message Signs (DMS) along I-265, I-71 and I-64 in Jefferson and Oldham Counties. Doug is responsible for the ITS design, including device placement, wireless communications, and power design.
3/18 – Ongoing	FDOT D6, SR 826/Palmetto Expressway from E of NW 57th Ave to E of NW 42nd Ave, Miami, FL ITS Engineer. The design includes CCTV cameras, DMS, arterial DMS, Microwave Vehicle Detector Sensors (MVDS), ramp signaling, lightning protection, fiber optic communications network and power distribution system with stand-by generators. Doug is assisting with the ITS device placement and the design of fiber optic communications, device power, and backup generators.
2/18 – Ongoing	TDOT, ITS Design Support Services WO#8: Cumberland Plateau I-40 ITS Expansion, Cookeville, TN ITS Engineer. Gresham Smith is developing ITS design plans, including fiber optic communications, radar detectors, DMS, CCTV, and DSRC radios. Doug is responsible for the power distribution design, assisting in developing standard details, reviewing communications network design and assisting in preliminary construction cost estimates.
4/20 – 4/20	Gwinnett County, Lanier Filter Plant Fiber Optic Network Upgrades, Gwinnett County, GA ITS Engineer. Gresham Smith was selected to design the fiber optic network for the Lanier Filter Plant. Doug was responsible for developing the independent engineer's cost estimate for the installation of the fiber optic network.



16. Staff Experience

Gresham Smith



Julian Bordelon, E.I.

ITS Specialist

Years of experience with this employer

3

Years of experience with other employer(s)

0

Degree(s) / Years / Specialization

Bachelor of Science / 2018 / Electrical Engineering, Louisiana State University

Active registration number /
state / expiration date

EI.0034032 / LA

Year registered

2019 (LA)

Discipline

Engineer Intern/Electrical (Julian has passed the EE PE exam when he reaches his 4 years of experience in Dec 22)

Contract role(s) / brief description of responsibilities

Assistant Project Engineer / Julian will support the field inspection and investigation and construction contract administration tasks.

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).

01/19 – Ongoing

LADOTD, ITS CEI Retainer, Lake Charles Phase 3 ITS, CEI, Lake Charles, LA | Pre-Professional. Gresham Smith is providing Construction Engineering Inspection Services, including a Project Engineer, on-site daily/nightly inspection and technical construction inspection, throughout the course of construction. Julian is assisting in contract administration, inspection and testing oversight.

02/18 – 09/21

LADOTD, ITS CEI Retainer, Signal Communications Upgrade Phase 1, CEI, Various, LA | Pre-Professional. Gresham Smith is providing Construction Engineering Inspection Services, including a Project Engineer, on-site daily/nightly inspection and technical construction inspection, throughout the course of construction. Julian assisted with construction contract administration, field investigations, integration and testing, and construction inspection.

04/19 – 05/20

LADOTD, ITS CE&I IDIQ, Task Order #2: Fiber Optic Mapping & Management, Ascension, East Baton Rouge, West Baton Rouge, Livingston and Terrebonne Parishes, LA | Pre-Professional. Gresham Smith was tasked with expanding the Fiber Optic Mapping & Management system to various parishes.

09/16 – 09/17

LADOTD, ITS Design, Integration and System Verification Services, WO#3: ATMS.Now Design and Integration, Statewide, LA | Pre-Professional. Seeking to replace the existing obsolete system with a more unified traffic control system, the LADOTD upgraded to Trafficware’s ATMS.Now, a central management system that unified the traffic signal systems statewide and allowed more effective and efficient monitoring and control.

08/15 – 11/18

LADOTD, ITS Design & Implementation WO#4: I-10 Twin Span ITS-Orleans & St. Tammany Parishes, Statewide, LA | Pre-Professional. Gresham Smith developed design plans along with specifications and cost estimates for the eight-mile I-10 Twin Span ITS project. The project retrofitted ITS equipment along the corridor utilizing existing fiber, electrical systems, cabinets, camera poles, a Dynamic Message Sign (DMS) structure, a communications hut and a bridge health system.

12/18 – Ongoing

LA OTS, LADOTD, Video Distribution Management System (VDMS), Baton Rouge, LA | Pre-Professional. Julian is providing ITS systems software maintenance and software development support for the statewide VDMS system which includes Baton Rouge, Houma, New Orleans and Shreveport.



12/18 – 01/19	LADOTD, ITS Design & Implementation WO #6: Fiber Optic Mapping & Management, Statewide, LA <i>Pre-Professional</i>. For the statewide implementation of the Fiber Optic Mapping and Management System (NexusWorx), Julian was responsible for data entry, document development and quality control. This phase of the project included Tangipahoa, St. Tammany, St. John, and Orleans parishes and the Shreveport and Houma regions.
12/18 – Ongoing	LADOTD, LCG Adaptive Traffic Signal Design and Implementation, Lafayette Parish, LA <i>Pre-Professional</i>. Julian is responsible for field verification of traffic signal inventory (TSI) of LCG system, design plans for adaptive signal control intersections, and integration when the system is completed.
02/20 – Ongoing	KYTC, I-Move Design-Build, Jefferson and Oldham Counties, KY <i>Pre-Professional</i>. The project includes the ITS design for CCTV cameras and Dynamic Message Signs (DMS) along I-265, I-71 and I-64 in Jefferson and Oldham Counties. Julian is assisting in the development of the typical details and plans preparation.
12/18 – Ongoing	TDOT, ITS Design Support Services WO#7: I-40 Nashville ITS Expansion, Nashville, TN <i>ITS Systems Specialist</i>. Julian is assisting with the electrical design and voltage drop calculations and back checking of plans.
12/18 – Ongoing	TDOT, ITS Design Support Services WO#8: Cumberland Plateau I-40 ITS Expansion, Cookeville, TN <i>ITS Systems Specialist</i>. Julian is assisting with the electrical design and voltage drop calculations and back checking of plans.
06/21 – 05/22	LADOTD, ITS CEI WO #4: Fiber Optic Mapping & Management, Lafayette, West Baton Rouge, Pointe Coupee, St. Landry and Rapides Parishes, LA <i>Pre-Professional</i>. This project is the next section for the implementation of the Fiber Optic Mapping & Management. Julian was responsible for data entry, document development and quality control.



16. Staff Experience:

Gresham Smith



Kendra McCoy

ITS Systems Specialist

Years of experience with this employer

9

Years of experience with other employer(s)

23

Degree(s) / Years / Specialization

Bachelor of Science / 2012 / Project Management, DeVry University

Active registration number /
state / expiration date

N/A

Year registered

N/A

Discipline

N/A

Contract role(s) / brief description of responsibilities

ITS Systems Specialist / Kendra will support the team on contract administration.

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).

05/17 – Ongoing

LADOTD, ITS CEI Retainer, Lake Charles Phase 3 ITS, CEI, Lake Charles, LA | ITS Systems Specialist. Gresham Smith is performing Construction Engineering and Inspection services for LADOTD on the Lake Charles ITS Phase 3 construction project. Gresham Smith tasks include onsite daily/nightly construction inspection, daily/weekly/monthly construction inspection reporting, construction management, pre-construction meeting, construction progress meetings, submittal coordination and tracking, sampling plan review, sampling plan coordination and documentation, verifying compliance documentation, claims processing and tracking, construction schedule review and tracking, SWPPP coordination, certified payroll review and exception resolution, monthly partial estimate reviews, change order processing, site manager updates, field diaries, commission test findings reporting, witnessing fiber optic cable testing and system integration testing, and final project file documents. Kendra is providing project management assistance.

02/18 – 09/21

LADOTD, ITS CEI Retainer, Signal Communications Upgrade Phase 1, CEI, Various, LA | Assistant Project Manager. Gresham Smith is providing the project engineering and administration, as well as field inspection services. The contractor is installing underground conduit, pull boxes, fiber optic cables, replacing signal cabinets, upgrading signal controllers and installing CCTV cameras. CEI tasks include on-site daily/nightly construction inspection, daily/weekly/monthly construction inspection reporting, construction management, pre-construction meeting, construction progress meetings, submittal coordination and tracking, sampling plan review, sampling coordination and documentation, verifying compliance documentation, claims processing and tracking, construction schedule review and tracking, SWPPP coordination, certified payroll review and exception resolution, monthly partial estimate reviews, change order processing, site manager updates, field diaries, commission test findings report, witnessing fiber optic cable testing, commission testing and system integration testing, and final project file documents. Kendra provided Project Management Assistance. Kendra's responsibilities included contract administration support and project coordination.

05/17 – 08/17

LADOTD, ITS Design & Implementation WO#8: Emergency Vehicle Preemption (EVP) Devices SEA, East Baton Rouge Parish, LA | ITS Systems Specialist. The City of Baton Rouge incorporated the upgrade of their existing Emergency Vehicle Preemption (EVP) system within an existing safety project. The existing EVP system was outdated, utilized line of sight equipment and not installed on all intersections within the city's jurisdiction. Kendra was responsible for ITS technical support, data collection and document development.



07/16 – 07/18	LADOTD, ITS Design & Implementation WO#5: I-12 Ramp Meter Upgrades, East Baton Rouge and Livingston Parishes, LA ITS Systems Specialist. Gresham Smith was tasked with performing a feasibility assessment on the existing ramp meters along I-12. The assessment included reviewing the existing system components, determining status of functionality, performing best practices research, and developing recommendations and typical layouts. Kendra was responsible for ITS technical support and document development.
02/17 – 10/17	LADOTD, ITS Design & Implementation WO#7: Signal Communications Upgrade Phase 1 – SEA, Various Locations, LA ITS Systems Specialist. Gresham Smith developed the Systems Engineering Analysis (SEA) for the Signal Communications Upgrade project. The project included defining the high level requirements, developing the concept of operations, laying out operational strategies, determining the length of the expansion, how many signals to be connected, any additional hardware or software requirements, and how it may be implemented and used by partner agencies. Kendra was responsible for ITS technical support, data collection and document development.
05/13 – 07/15	LADOTD, Retainer Contract for ITS Statewide Systems Design, Integration and System Verification Services, Statewide, LA Project Manager. Under this ITS retainer contract, Gresham Smith provided systems engineering, integration and support services, system analysis, and independent verification and validation services. Kendra supported the following task orders; Program Assistance, Video Distribution Management System, Configuration Management, ITS 511 ATIS ConOps, Advanced Transportation Management and Toll Operations Business Plan.
09/15 – 03/18	LADOTD, Retainer Contract for ITS Statewide Systems Design, Integration and System Verification Services, Statewide, LA Project Manager. Under this ITS retainer contract, Gresham Smith provided systems engineering, integration and support services, system analysis, and independent verification and validation services. Kendra was responsible for project management, ITS systems software support and Business Plan development.
09/15 – 03/18	LADOTD, Retainer for ITS Statewide Systems Design, Integration and System Verification Services WO#2 – ITS Maintenance Support, Statewide, LA Project Manager. This task included the maintenance of the VDMS application. Kendra was responsible for project management, ITS systems software support, and development and updating of user manuals.
03/18 – Ongoing	LADOTD, LADOTD Video Distribution Management System (VDMS), Baton Rouge, LA Project Manager. Kendra is providing management and ITS systems software maintenance and software development support for the statewide VDMS system which includes Baton Rouge, Houma, New Orleans and Shreveport.
04/19 – 05/20	LADOTD, ITS CE&I IDIQ, WO#2: Fiber Optic Mapping & Management, Ascension, East Baton Rouge, West Baton Rouge, Livingston and Terrebonne Parishes, LA ITS Systems Specialist. The project consisted of implementing the mapping of ITS field devices, fiber networks, and inventory and maintenance records. Kendra was responsible for overall project coordination, updating procedures and templates and drafting the evaluation report.
01/17 – 01/19	LADOTD, ITS Design & Implementation WO#6: Fiber Optic Mapping & Management, Statewide, LA ITS Systems Specialist. The project consisted of implementing the mapping of ITS field devices, fiber networks, and inventory and maintenance records. Kendra was responsible for coordinating data processing, developing procedures/templates, coordinating workload, drafting an evaluation report and performing QA/QC on the data entry.
04/20 – 06/20	SR 386 Conceptual Study, Nashville, TN ITS Systems Specialist. Gresham Smith was tasked with evaluating the feasibility of expanding the ITS infrastructure and introducing transit managed lanes, including bus-on-shoulder along SR 386. Kendra assisted in the development of the independent construction estimate to implement managed lanes with bus-on-shoulder.
04/17 – 07/19	FDOT D6, ITS Miscellaneous Services, Miami, FL ITS Systems Specialist. Under the ITS retainer contract Gresham Smith was tasked to provide additional oversight and project input to the SR 826/I-75 design-build project. As FDOT's representative, Kendra assisted in the review of CCTV video coverage.



16. Staff Experience:

Gresham Smith



Daniel Knott

Senior Inspector

Years of experience with this employer

4

Years of experience with other employer(s)

38

Degree(s) / Years / Specialization

IMSA / Traffic Signal Field Technician Level II, IMSA / Fiber Optics Level II, Light Brigade / Fiber Optic Design, Installation, and Maintenance

Active registration number / state / expiration date

N/A

Year registered

N/A

Discipline

N/A

Contract role(s) / brief description of responsibilities

Senior Inspector / Daniel will support the field inspection and investigation and testing/QA tasks.

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).

3/18 – 9/21

LADOTD, ITS CEI Retainer, Signal Communications Upgrade Phase 1, CEI, Various, LA | Senior Inspector. Daniel was responsible in leading the daily field CE&I inspections, logging in the dailies, and ensuring project requirements were followed.

12/17 – Ongoing

MDOT, ITS CEI, US 49 from Florence to Scale Area, Florence, MS | Designer. Gresham Smith is providing construction administration and inspection services on the ITS elements included in the US 49 from Florence to the Scale Area Project. Daniel is responsible in leading the daily field CE&I inspections, logging in the dailies, and implementing project requirements.

1/19 – Ongoing

LADOTD, ITS CEI Retainer, Lake Charles Phase 3 ITS, CEI, Lake Charles, LA | Senior Inspector. Gresham Smith is providing Construction Engineering Inspection Services, including a Project Engineer, on-site daily/nightly inspection and technical construction inspection, throughout the course of construction. Daniel assisted with construction inspection.

5/17 – Ongoing

LADOTD, ITS Design and Implementation, WO#6: Fiber Optic Mapping and Management, Tangipahoa, St. Tammany, St. John and Orleans Parishes, LA | Designer. Daniel was responsible for drafting updates onto the master database.

12/18 – Ongoing

Lafayette Consolidated Government (LCG), Adaptive Traffic Signal Design and Implementation, Lafayette Parish, LA | Designer/Senior Inspector. Daniel supported field verification of LCG’s TSI, design plans for adaptive signal control intersections, and integration when the system is completed.

5/17 – 11/18

MDOT, 2015 ITS WA#1: Desoto County CMAQ CEI, Inspection, MS | Resident Project Representative. Daniel was responsible for daily construction inspection of installation of approximately 50 miles of fiber optic cable and equipment, DMS signs, CCTV cameras, RDS equipment and BDS equipment.



16. Staff Experience:

Gresham Smith

Brian Edward “Eddie” Morgan, P.E. Lead Inspector			Years of experience with this employer		3
			Years of experience with other employer(s)		39
Degree(s) / Years / Specialization		Bachelor of Science / 1981 / Civil Engineering, McNeese State University			
Active registration number / state / expiration date		PE.0024917 / LA / 09/30/2022			
Year registered		1992 (LA)	Discipline	P.E./Civil	
Contract role(s) / brief description of responsibilities			Lead Inspector / Eddie will lead the field inspection and investigation on a daily basis.		
Experience dates (mm/yy–mm/yy)		Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
1/19 – Ongoing		LADOTD CEI- H.011500.6 Lake Charles Phase 3, Lake Charles, LA Construction Inspector . Gresham Smith is providing Construction Engineering Inspection Services, including a Project Engineer, on-site daily/nightly inspection and technical construction inspection, throughout the course of construction. Eddie is responsible for assisting with the daily field CE&I inspections, logging in the daily diaries, and ensuring project requirements are followed by others.			
Prior to joining Gresham Smith		LADOTD, Sulphur Construction Office Project Engineer . While at LADOTD, Eddie’s responsibilities included analyzing a variety of components including maps and survey reports to ensure efficient project planning, ensuring that projects were in compliance with regulations, analyzing the risk of different projects by taking costs, environmental hazards and regulations into consideration, developing standardized processes, supervising projects under Road and Bridge construction to ensure quality, overseeing and performing the testing of soil, preparing cost estimate for equipment, materials and labor, and reviewing field surveys.			



16. Staff Experience:

Gresham Smith



William "Bud" Smith

Inspector

Years of experience with this employer

3

Years of experience with other employer(s)

37

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

Inspector / Bud will perform the field inspection and investigation on a daily basis.

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).

1/19 – Ongoing

LADOTD CEI- H.011500.6 Lake Charles Phase 3, Lake Charles, LA | Construction Inspector. Gresham Smith is providing Construction Engineering Inspection Services, including a project engineer, on-site daily/nightly inspection and technical construction inspection, throughout the course of construction. Bud is responsible for assisting with the daily field CE&I inspections, logging in the daily diaries, and ensuring project requirements are followed.

Prior to joining
Gresham Smith

LADOTD, District 07, Lake Charles, LA | District Traffic Coordinator. While working at LADOTD, Bud’s responsibilities included overseeing and assisting in data collection needed for traffic studies, overseeing the District’s Highway Beautification and Outdoor Advertising programs, analyzing information gathered and recommending traffic control and capacity improvements, receiving and responding to traffic related inquiries and requests from the general public and other government agencies, inspecting newly installed traffic signs, striping and signals to ensure compliance with the state and federal specifications, project plans and contract documents, and overseeing and assisting in maintaining current and historical records of traffic signs and signals, speed limits, and pavement markings.

10/18 – Ongoing

LADOTD, LCG Adaptive Traffic Signal System, Lafayette, LA | Inspector. Gresham Smith developed an Adaptive Traffic Signal System for the Lafayette Consolidated Government, which involved upgrading over 200 traffic signal controllers. In addition, 78 traffic signals will be upgraded to become adaptive traffic signals. This will be both the largest adaptive traffic signal system installed within the state of Louisiana. This project includes field inspection of over 200 traffic signals, design plans for 78 adaptive signals, implementation of a new EVP system, integration support, and before travel time studies.



16. Staff Experience

Gresham Smith



Meredith Cebelak, Ph.D., P.E.

Senior ITS Engineer

Years of experience with this employer

7

Years of experience with other employer(s)

14

Degree(s) / Years / Specialization	Doctor of Philosophy/2015/ Civil Engineering, University of Texas; Master of Science/2013/Civil Engineering, University of Texas; Bachelor of Science/2001/ Civil Engineering, University of Florida		
Active registration number / state / expiration date	PE.0039985 / LA / Exp. 3/31/24 PE. 65586 / FL / Exp. 2/28/21		
Year registered	2017 (LA) 2007 (FL)	Discipline	P.E./Civil
Contract role(s) / brief description of responsibilities	Senior Engineer / Meredith will provide technical support as needed.		
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).		
Career	Meredith brings over 19 years of experience managing and designing a multitude of transportation projects that implement TSM&O projects that improve safety and mobility through traffic operations and management strategies. Her experience includes design and deployment of ITS devices for traffic management and incident detection, traditional signal retiming and optimization, traveler information systems, and design of the communication infrastructure to support these systems. In addition to her project experience, Meredith has been actively involved in the transportation research community and her areas of expertise include cutting edge ITS solutions, big data and its role in transportation planning, CAVs, and freight mobility.		
11/15 – 4/16	LADOTD, ITS Design & Implementation WO#4: I-10 Twin Span ITS, Orleans & St. Tammany Parishes, Statewide, LA QA/QC. Gresham Smith was tasked with the design and post-design of the I-10 Twin Spans ITS project. During the design period, Meredith performed QA/QC.		
7/16 – 3/17	LADOTD, ITS Design & Implementation, WO#5: I-12 Ramp Meter Upgrades, East Baton Rouge and Livingston Parishes, LA ITS Engineer. Gresham Smith performed a feasibility assessment on the existing ramp meters along I-12 which included reviewing the existing system components, determining status of functionality, performing best practices research, and developing recommendations and typical layouts. Meredith developed the best practices for ramp metering. This review looked at ramp metering deployments across the US and included a review of the different operational strategies used and geometric layouts.		
1/18 – Ongoing	TDOT, ITS Design Support Services WO#7: I-40 Nashville ITS Expansion, Nashville, TN Project Manager, Engineer of Record. Meredith is responsible for project management which includes the coordination of stakeholders from TDOT's ITS division, TDOT Region 3 TMC staff, TDOT's IT department, THP, and County officials. Meredith led the ITS device deployment workshop that provided a platform for the stakeholders to provide insight into the operational needs of the system. This information was then used as the basis for the design. She is the EOR for the design plans and specifications for the 38-mile project.		
1/18 – Ongoing	TDOT, ITS Design Support Services WO#8: Cumberland Plateau I-40 ITS Expansion, Cookeville, TN Project Manager, Engineer of Record. Meredith is responsible for the management of the project which includes coordination between stakeholders from TDOT's ITS division, TDOT Region 2 TMC personnel, TDOT's IT department, THP, Putnam County 911 personnel, and Cumberland and Putnam County officials. Meredith led the ITS device deployment workshop that provided a platform for the stakeholders to provide insight into the operational needs of the system. This information was then used as the basis for the design. She is EOR for the design plans and specifications for the 53-mile project.		



04/21 – Ongoing	LCG Johnston Street Lighting, Lafayette, LA ITS Engineer. Gresham Smith was selected by Lafayette Consolidated Government to develop design plans for street lighting for the 2.3 miles section of Johnston Street (US 167) through Vermillion and Lafayette Parishes. LADOTD has a J-Turn project that is currently removing the street lighting within the median of Johnston Street.
5/18 – Ongoing	Town of Smyrna, Town of Smyrna ITS Phase 3, 4, & 5, Smyrna, TN Project Manager, Engineer of Record. Meredith is responsible for the overall management of the project. She was responsible for expanding the Town's ITS deployment. She developed the design plans and provided technical support for the Town's ITS Phases 3, 4, and 5. Meredith provided the Town with cost estimates for the Phase 3, 4, & 5 projects throughout its development. Finally, she assisted the Town with utility coordination and created the bid documents for the project that meet TDOT Local Program needs.
9/18 – Ongoing	City of Lebanon, ITS Phase 1, Lebanon, TN Project Manager, Engineer of Record. Meredith is responsible for the overall management of the project. She was responsible for the development of the City's first ITS deployment. She developed the System Engineer Analysis report and will be developing the design plans and providing technical support for the deployment of the City's ITS. Meredith will provide the City with cost estimates for the project throughout its development. Finally, she will assist the Town with utility coordination and create the bid documents for the project that meet TDOT Local Program needs.
4/14 – Ongoing	City of Franklin, Engineering Services for Adaptive Signal Control Technology Implementation and Infrastructure Construction, Franklin, TN Project Manager, Engineer of Record. Meredith is responsible for management of the project as well as the design plans and technical support, and before and after studies for the City's first adaptive system. She assisted the City with the selection of their adaptive vendor through an RFQ process. She is responsible for the design of the detection and hardware platforms for the adaptive system and will be providing the City with cost estimates and bid documents. Finally, she will be aiding the City with the inspection and testing of the selected adaptive software which will include the identification of performance measures for use by the City.
2/17 – 10/17	LADOTD, ITS Design & Implementation WO#7: Signal Communications Upgrade Phase 1 – SEA, Various Locations, LA QA/QC. Gresham Smith developed the Systems Engineering Analysis (SEA) for the Signal Communications Upgrade project. The project included defining the high level requirements, developing the concept of operations, laying out operational strategies, determining the length of the expansion, how many signals to be connected, any additional hardware or software requirements, and how it may be implemented and used by partner agencies. The project included 38 signals along 9 corridors. Meredith was responsible for QA/QC.
4/14 – 9/15	City of Franklin, Cool Springs Signal Timing, Franklin, TN, Franklin, TN Project Manager, QA/QC. Meredith was responsible for the management of the project as well as the QA/QC of the City's Effectiveness Report that examined the results of the implementation of the optimized coordinated signal timings for 36 intersections along Mallory Lane, Cool Springs Boulevard, Carothers Parkway, and McEwen Drive, which were done in preparation for the future adaptive system that will be implemented along these corridors.
1/18 – 9/18	TDOT, ITS On-Call WO#3: Development of Predictive Analytics for HELP Truck Deployment, Statewide, TN Project Manager, QA/QC. Meredith was responsible for the overall management of the project as well as providing the QA/QC for the Peer Exchange Fact Sheet, Best Practices Report, TDOT Workshop Predictive Analytics for HELP Truck Deployment materials, and the TDOT Incident Prediction System (TIPS) System Engineering Analysis documents, which included the Concept of Operations and the System Requirements.



16. Staff Experience:

Gresham Smith



Terry Hopper, FOI

Senior Inspector

Years of experience with this employer

12

Years of experience with other employer(s)

9

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

Senior Inspector / Terry will support the inspection tasks for this contract.

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).

03/20 – Ongoing

TDOT, I-40 ITS CEI On-Call, Knoxville, TN | Inspector. This ITS project includes over 11 miles of fiber optic cable, 15 CCTV cameras, two Dynamic Message Signs, 18 Radar Detection System devices, and one ITS Communication HUB building. We are providing on-site inspection and observation to oversee the construction including the material acceptance testing for concrete and roadway materials. We are providing the daily work reports, attending project progress meetings, performing the EPSC inspections and coordinating with the power utilities and local signal agencies. Additionally, Gresham Smith is responsible for reviewing ITS design elements, components and infrastructure submittals and reviewing and responding to RFIs.

12/18 – 08/21

TDOT, I-440 Widening CEI, Nashville, TN, | Inspector. Gresham Smith is a subconsultant on the team providing CEI services for the widening of I-440 in downtown Nashville. This project is replacing concrete pavement to new asphalt, adding additional lanes in both directions to increase capacity, addressing safety and maintenance issues and adding ITS components.

01/17 – 03/18

City of Alcoa, Tesla Boulevard - Local Interstate Connector Road CEI, Alcoa, TN | Inspector. Gresham Smith planned and designed the collector roadway as a city street. During the planning process, Gresham Smith assisted the City in applying for, and subsequently being awarded, funds for the roadway as part of the LIC program linking local roads to interstates. Partnering between the City, developer, and both site and roadway engineers helped to centralize detention for the phase I buildout, increasing the marketability of the parcels and simplifying maintenance of the stormwater facility.

12/18 – 03/19

City of Pigeon Forge, LeConte Event Center Parking Lot and Pedestrian Bridge, Pigeon Forge, TN | Inspector. The City hired Gresham Smith to design a new parking lot with over 2,000 parking spaces. The land purchased by the City to build the lot was across Teaster Lane and was around 50 feet higher than the LeConte Center building elevation. To provide access, a bridge was proposed crossing the road with a ramp system down to the building grade. Instead of bringing the bridge straight into the building, it was determined to make the bridge more functional by incorporating it into the City’s Greenway goals to link their Riverwalk Greenway with the Jake Thomas Road Greenway. Including the bridge, the project is constructing approximately a half-mile of greenway. Construction scheduled for completion summer 2020.

05/17 – 08/17

Knox County, Roadway and Sidewalk Improvements CEI, Knox County, TN | Inspector. As part of this contract, Gresham Smith was responsible for the CEI of various roads and sidewalks in Knox County. Daily, Terry oversaw the placement of asphalt and made sure it met TDOT requirements, verified pay request and handled PR with home and business owners.



16. Staff Experience:

Gresham Smith



Cameron LaRose, EI

Construction Inspector

Years of experience with this employer

4

Years of experience with other employer(s)

0

Degree(s) / Years / Specialization

Bachelor of Science / 2018 / Civil Engineering, University of Tennessee

Active registration number /
state / expiration date

N/A

Year registered

2021

Discipline

EI/Civil

Contract role(s) / brief description of responsibilities

Inspector / Cameron will support the inspection tasks for this contract.

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).

03/20 – Ongoing

TDOT, I-40 ITS CEI On-Call, Knoxville, TN | Inspector. This ITS project includes over 11 miles of fiber optic cable, 15 CCTV cameras, two Dynamic Message Signs, 18 Radar Detection System devices, and one ITS Communication HUB building. We are providing on-site inspection and observation to oversee the construction including the material acceptance testing for concrete and roadway materials. We are providing the daily work reports, attending project progress meetings, performing the EPSC inspections, and coordinating with the power utilities and local signal agencies. Additionally, Gresham Smith is responsible for reviewing ITS design elements, components and infrastructure submittals and reviewing and responding to RFIs.

11/17 – 09/20

City of Pigeon Forge, Ridge Road Realignment & Intersection Improvements, Pigeon Forge, TN | Inspector. We were hired to perform the planning, engineering, bidding and CEI for the realignment of Ridge Road in Pigeon Forge, TN. The project included the coordination with existing business owners, residents, utility companies, and the developers of a new shopping center to create a signalized four way intersection with Ridge Road, the development entrance, and Teaster Lane. The completed project improves the safety and efficiency of the intersection and helps spur economic development of the surrounding area.

01/17 – 03/18

City of Alcoa, Tesla Boulevard - Local Interstate Connector Road CEI, Alcoa, TN | Inspector. Gresham Smith planned and designed the collector roadway as a city street. During the planning process, Gresham Smith assisted the City in applying for, and subsequently being awarded, funds for the roadway as part of the LIC program linking local roads to interstates. Partnering between the City, developer, and both site and roadway engineers helped to centralize detention for the phase I buildout, increasing the marketability of the parcels and simplifying maintenance of the stormwater facility.

12/18 – 03/19

City of Pigeon Forge, LeConte Event Center Parking Lot and Pedestrian Bridge, Pigeon Forge, TN | Inspector. The City hired Gresham Smith to design a new parking lot with over 2,000 parking spaces. The land purchased by the City to build the lot was across Teaster Lane and was around 50 feet higher than the LeConte Center building elevation. To provide access, a bridge was proposed crossing the road with a ramp system down to the building grade. Instead of bringing the bridge straight into the building, it was determined to make the bridge more functional by incorporating it into the City's Greenway goals to link their Riverwalk Greenway with the Jake Thomas Road Greenway. Including the bridge, the project is constructing approximately a half-mile of greenway.

05/17 – 08/17

Knox County, Roadway and Sidewalk Improvements CEI, Knox County, TN | Inspector. As part of this contract, Gresham Smith was responsible for the CEI of various roads and sidewalks in Knox County.




16. Staff Experience:

Gresham Smith



Richard Savoie, P.E.
Senior Transportation Engineer

	Richard Savoie, P.E. Senior Transportation Engineer		Years of experience with this firm/employer		4
			Years of experience with other firm(s)/employer(s)		40
Degree(s) / Years / Specialization		Bachelor of Science / 1978 / Civil Engineering, McNeese State University			
Active registration number / state / expiration date		P.E.0020936 / LA / 9/30/22			
Year registered		1983 (LA)	Discipline	P.E./Civil	
Contract role(s) / brief description of responsibilities			Senior Transportation Engineer / Roadway Design. Richard will provide roadway-related construction support services.		
Career	Richard's 40+-year career includes 34 years with LADOTD in increasing roles culminating as the LADOTD Chief Engineer. As Chief Engineer, Richard was responsible for establishing engineering directives and standards, policies, budgets, expenditures, programs and procedures that guided project and program delivery, construction, and preservation of all transportation-related projects and systems.				
09/18 – 12/19	LADOTD, SRTS/LRSP Task Order 14: Farmerville Design, Union Parish, Farmerville, LA Senior Engineer. Richard provided quality control review for the Final Plan submission for this Safe Routes to Public Places Project. The review was to ensure that the plans were developed in accordance with standard LADOTD policy and procedure. Plans included installation of sidewalks along various local roadways, driveway adjustments to ensure ADA compliance and utility relocation avoidance.				
04/20 – Ongoing	City of Central (LA), Hooper Road (LA 408) at Sullivan Road (LA 3034) Roundabout Design Senior Engineer. Gresham Smith is tasked with the full roundabout design which will be in accordance with LADOTD's Roadway Design Manual geometric requirements and LADOTD's Complete Streets Policy to accommodate both pedestrians and bicycles through this intersection. Richard is responsible for overall Quality Control on the project. He is mentoring the engineering staff on the field evaluation requirements, reviewing all potential improvements, and will perform QC reviews on the preliminary and final design plan submissions.				
09/18 – 12/20	LADOTD, SRTS/LRSP Task Order 6 and 21: Endom Bridge Preliminary and Final Design, West Monroe, LA Senior Engineer. The project consisted of roadway realignment at the bridge approach to improve roadway geometry and safety. Right-of-way is being acquired at one quadrant of the intersection and Richard is assisting with the coordination between the right-of-way plans and the roadway requirements. Richard performed Quality Control reviews on the final preliminary design submission and was responsible for Quality Control on the final design process.				
02/90 – 03/14	LADOTD, Project and Program Delivery. Richard was the Project Manager for the I-49 North project in Caddo Parish, from I-220 to the Arkansas State Line. The project started with the Corridor Selection Study and progressed to the Environmental Impact Study. Once the alignment was selected plan development began and thence project delivery for this \$670 million project. As the Deputy Chief and Chief Engineer, he met with program managers in the Engineering Division and approved and recommended changes to their budget partitions and project schedules.				



16. Staff Experience:

Gresham Smith



Ronnie Robinson, P.E.

Senior Transportation Engineer

Years of experience with this firm/employer

5

Years of experience with other firm(s)/employer(s)

33

Degree(s) / Years / Specialization

Bachelor of Science / 1982 / Civil Engineering, Louisiana State University

Active registration number /
state / expiration date

P.E.0024040 / LA / 3/31/22

Year registered

1988

Discipline

P.E./Civil

Contract role(s) / brief description of responsibilities

Senior Transportation Engineer / Roadway Design. Richard will provide roadway design and roadway-related construction support services.

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).

Career

Ronnie has 33 years of experience with the Louisiana Department of Transportation and Development. He worked 11 of his 16 years in construction as a project engineer, eight years as manager of the design and permit sections and nine years as administrator for the design, water resources, permit and materials testing sections.

2/18 – 9/21

LADOTD, ITS CEI Retainer, Signal Communications Upgrade Phase 1, CEI, Various, LA | Senior Engineer. Gresham Smith is providing the project engineering and administration, as well as field inspection services. The contractor is installing underground conduit, pull boxes, fiber optic cables, replacing signal cabinets, upgrading signal controllers and installing CCTV cameras. CEI tasks include on-site daily/nightly construction inspection, daily/weekly/monthly construction inspection reporting, construction management, pre-construction meeting, construction progress meetings, submittal coordination and tracking, sampling plan review, sampling coordination and documentation, verifying compliance documentation, claims processing and tracking, construction schedule review and tracking, SWPPP coordination, certified payroll review and exception resolution, monthly partial estimate reviews, change order processing, site manager updates, field diaries, commission test findings report, witnessing fiber optic cable testing, commission testing and system integration testing, and final project file documents. Ronnie supported the project closeout tasks.

05/17 – Ongoing

LADOTD, ITS CEI Retainer, Lake Charles Phase 3 ITS, CEI, Lake Charles, LA | Senior Engineer. Gresham Smith is performing Construction Engineering and Inspection services for LADOTD on the Lake Charles ITS Phase 3 construction project. Gresham Smith tasks include on-sight daily/nightly construction inspection, daily/weekly/monthly construction inspection reporting, construction management, pre-construction meeting, construction progress meetings, submittal coordination and tracking, sampling plan review, sampling plan coordination and documentation, verifying compliance documentation, claims processing and tracking, construction schedule review and tracking, SWPPP coordination, certified payroll review and exception resolution, monthly partial estimate reviews, change order processing, site manager updates, field diaries, commission test findings reporting, witnessing fiber optic cable testing and system integration testing, and final project file documents. Ronnie supported the project closeout tasks.



03/16 – 10/17	LADOTD, Farmerville State and Local Road Traffic Study, Farmerville, LA Senior Engineer. Gresham Smith was selected to perform a formal traffic study of all the intersections (57) within and around the City of Farmerville on both state and local routes. The project included data collection, safety/crash review, developing alternatives, analysis of existing and proposed conditions and benefit/cost analysis. Ronnie assisted with the development of alternatives and was responsible for developing construction cost estimates for various alternatives.
07/17 – 06/19	LADOTD, SRTS/LRSP Task Order 7: McMillan at Blanchard Intersection Improvements Design, West Monroe, LA Senior Engineer. Ronnie's responsibilities included conducting field traffic observations and collecting field data for the study portion. For the design portion, his responsibilities included developing conceptual designs, preliminary and final plans and construction cost estimates.
04/20 – Ongoing	City of Central (LA), Hooper Road (LA 408) at Sullivan Road (LA 3034) Roundabout Design Senior Transportation Engineer. Gresham Smith is tasked with the full roundabout design which will be in accordance with LADOTD's Roadway Design Manual geometric requirements and LADOTD's Complete Streets Policy to accommodate both pedestrians and bicycles through this intersection. Ronnie will provide quality control for the preliminary design phase, participate in the plan-in-hand meeting, and provide design assistance for the development of the final design plans.
02/17 – 12/20	LADOTD, SRTS/LRSP Task Order 6 and 21: Endom Bridge Preliminary and Final Design, West Monroe, LA Senior Transportation Engineer. Ronnie's responsibilities included developing preliminary and final plans and construction cost estimates. His efforts included coordination of the contaminated waste investigation, drainage layout and quality control for the preliminary design.



16. Staff Experience:

Michael Baker



Terry Butler

Lead Inspector

Years of experience with this firm/employer

18

Years of experience with other firm(s)/employer(s)

9

Degree(s) / Years / Specialization

N/A

Active registration number /
state / expiration date

DOTD Asphalt Paving / LA / Exp. 12/03/26 | DOTD Asphaltic Plant / LA / Exp. 6/01/26 | DOTD PCC Paving / LA / Exp. 11/14/26 | DOTD Structural Concrete / LA / Exp. 2/15/23 | ATSSA Traffic Control Supervisor / LA / Exp. 11/12/25 | ATSSA Traffic Control Flagger / LA / Exp. 3/13/23

Year registered

2010

Discipline

CE&I

Contract role(s) / brief description of responsibilities

Inspector- Lead. Mr. Terry will be performing structural concrete inspection and testing, as needed.

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).

09/19 – 03/22

IDIQ Contract for Intelligent Transportation Systems (ITS) CE&I Services.
H.011500.6: Task Order 1: Control Section Nos. 450-30 & 450-91 Lake Charles ITS Phase 3 Routes I-210 & I-10, Calcasieu Parish, LA. DOTD. Structural Concrete Inspector. As subconsultant under Gresham Smith, performed final inspections, concrete sampling and testing, slurry testing, grouting inspection, cross-hole sonic logging and other inspections on drilled shaft foundations and related concrete work for the ITS project.

09/20 - Ongoing

IDIQ Contract for CE&I with Majority of work in District 07 Statewide, DOTD.
Task Order 2: H.003184 I-10 TX Line – E of Coone Gully, Calcasieu Parish, LA.
As a Lead Inspector, Mr. Butler is responsible for Asphalt and PCC paving inspection including form placement, dry-run depth checks, pour operation inspection and testing, securing and inputting material documentation into SiteManager Materials with LAPAVE labels, daily diaries and payment of completed pay items in HeadLight System (SiteManager software on a tablet). Project includes widening 10.5 miles of I-10 to six lanes from the Texas state line to east of LA 108, replace and widen 10 bridges, and replace the eastbound weigh-in-motion system.
Task Order 3: H.012018 Adaptive Traffic Signal Design and Implementation, Lafayette, LA.
As a Lead Inspector, Mr. Butler is responsible for inspection, acquiring certifications for project materials per plans, special provisions and the approved sampling plan, including controllers, GPS preemption units, magnetometer, and related components. He is responsible for reporting any cabinet inconsistencies to the project engineer and on-site Lafayette Consolidated Government (LCG) and DOTD representatives, and documentation of all contractor's activities/equipment/pay items/traffic control within a SiteManager daily diary.

03/20 - Ongoing

IDIQ Contract for CE&I for Safety Projects Statewide with Majority of work in Districts 02, 61, and 62, DOTD.
Task Order 1: H.013532 Denham Springs Road Signing and Striping, Denham Springs, LA.
As a Lead Inspector, Mr. Butler was responsible for inspection, materials sampling and testing per plans, special provisions and the approved sampling plan, including signing, thermoplastic striping, embankment, minor concrete, and traffic control. He was responsible for acquiring all material certificates and providing to project administrative assistant for proper input into SiteManager Materials; obtaining samples and testing per the sampling plan, entering into SiteManager Materials, printing labels off of the LAPAVE site, and submitting samples to District lab and MatLab; inspecting all the contractors work according



to plans and specifications and updating the Project Engineer; and documentation of all contractor's activities/equipment/pay items/traffic control within a SiteManager daily diary. Mr. Butler assisted in the completion of the 2059 and final audit compilation, and ensured all work was complete for a successful final walkthrough.

Task Order 2: H.013271 Tangipahoa PH Local Road Safety Upgrade, Tangipahoa Parish, LA.

As a Lead Inspector, Mr. Butler was responsible for inspection, materials sampling and testing per plans, special provisions and the approved sampling plan, including signing, thermoplastic striping, and flashing beacon installation. He is responsible for acquiring material certificates for inspected work and providing to project administrative assistant for proper input into SiteManager Materials; obtaining samples and testing per the sampling plan, entering into SiteManager Materials, printing labels off of the LAPAVE site, and submitting samples to District lab and MatLab; inspecting all the contractors work according to plans and specifications and updating the Project Engineer; and documentation of all contractor's activities/equipment/pay items/traffic control within a SiteManager daily diary.

Task Order 3: H.012473 Marconi DR Shared-Use Path, New Orleans City Park, LA.

As a Lead Inspector, Mr. Butler was responsible for inspection, materials sampling and testing per plans, special provisions and the approved sampling plan, including, elevated composite wood boardwalk with concrete foundations, signing, thermoplastic striping of a shared-use path, handicap ramps per ADA requirements, and landscaping. Mr. Butler closely monitored the contractor's operations and kept in consistent communication with the project engineer due to the sensitive nature of the protected oak trees lining the path; he identified potential adjustments to plans to protect the tree roots and communicated these to the contractor, project arborist, City Park Manager and the project engineer. In addition, Mr. Butler was responsible for acquiring all material certificates and providing to project administration for proper input into SiteManager Materials; obtaining samples and testing per the sampling plan, entering into SiteManager Materials, printing labels from the LAPAVE site, submitting samples to District lab and MatLab as required; and documentation of all contractor's activities/equipment/pay items/traffic control within a SiteManager daily diary.



16. Staff Experience:

Michael Baker



Nathaniel Ray

Lead Inspector

Years of experience with this firm/employer

<1

Years of experience with other firm(s)/employer(s)

10

Degree(s) / Years / Specialization

Bachelor of Science / 2001 / Civil Engineering, Southern University

Active registration number / state / expiration date

DOTD Asphalt Paving / LA / Exp. 8/03/26 | DOTD PCC Paving / LA / Exp. 2/15/25 | DOTD Embankment & Base / LA / Exp. 7/31/23 | DOTD Structural Concrete / LA / Exp. 5/29/24 | ATSSA Traffic Control Supervisor / LA / Exp. 9/05/22 | ATSSA Traffic Control Flagger / LA / Exp. 9/05/22

Year registered

2010

Discipline

CE&I

Contract role(s) / brief description of responsibilities

Inspector- Lead. Mr. Ray will be performing structural concrete inspection and testing, as needed.

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).

09/19 – 03/22

IDIQ Contract for Intelligent Transportation Systems (ITS) CE&I Services.
H.011500.6: Task Order 1: Control Section Nos. 450-30 & 450-91 Lake Charles ITS Phase 3 Routes I-210 & I-10, Calcasieu Parish, LA. DOTD. Structural Concrete Inspector. As subconsultant under Gresham Smith, performed final inspections, concrete sampling and testing, slurry testing, grouting inspection, cross-hole sonic logging and other inspections on drilled shaft foundations and related concrete work for the ITS project.

10/21 – Ongoing

IDIQ Contract for CE&I with Majority of Work in District 07, Statewide, LA. DOTD.
H.010916.6 Task Order 1: Prien Lake Re-Deck & Safety Improvements, Calcasieu Parish, LA. DOTD. Inspector. Supplemented DOTD's staff. Responsible for drainage inspection, sampling and testing materials, providing daily diary information on contractors' activities to Lead Inspector for input into SiteManager. Scope of the project is widening I-10 from four to six lanes and all associated activities from the Texas border to just east of Coone Gulley.

09/21 – Ongoing

IDIQ Contract for Construction Engineering and Inspection Services for Safety Projects (CE&I) District 61, 62, and 02. DOTD H.009308.6: Task Order 4: New Orleans DPW SRTS Sidewalk Project, Orleans Parish, Louisiana. Lead Inspector. Inspection of DPW Safe Route to School upgrades at 5 school locations. Inspections include shared use paths under live oak trees, sidewalks, ADA Handicap ramps, thermoplastic cross walks and concrete components for associated electrical items such as pedestrian pushbuttons and solar flashers.

03/13 – 10/16

H.010620: US 90 (I-49 South), Albertson's Parkway to Ambassador Caffery, DB Owner Verification, Lafayette Parish, Louisiana. DOTD. QA Senior Inspector. Inspection of Bridge Superstructure, Asphalt Paving, and production of pre-stressed concrete pile and girders. Responsible for structural Independent Quality Assurance inspection and testing on the structures over the BNSF Railroad from pile driving up through multi-staged and skewed deck placement, including: driving pile in a congested space, cast-in-place pier columns and caps, PCC and steel girder placement, concrete riser preparation and bearing pad placement; Stay-in-Place deck forms, reinforcing steel, dry-run depth checks and concrete placement testing; and multiphase Traffic Control. Inspections included verifying the QC operations were according to procedures outlined in the CQMP. He documented daily project activity in project provided spreadsheets. The project encompasses widening of US 90 to a 6-lane facility including replacement of bridge structures over the BNSF Railroad and a new bridge structure at Albertson's Parkway.



16. Staff Experience:

Michael Baker

**David Dauzat**

Certified Inspector

Years of experience with this firm/employer 10

Years of experience with other firm(s)/employer(s) 30

Degree(s) / Years / Specialization		Bachelor of Art / 1997 / Business Administration, Louisiana State University	
Active registration number / state / expiration date		DOTD Asphalt Paving / LA / Exp. 11/3/22 DOTD Structural Concrete / LA / Exp. 3/18/24 ATSSA Traffic Control Supervisor / LA / Exp. 12/17/25 ATSSA Traffic Control Flagger / LA / Exp. 12/17/25	
Year registered	2008	Discipline	CE&I
Contract role(s) / brief description of responsibilities		Inspector- Certified. Mr. David will be performing structural concrete sampling and testing as needed.	
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).		
09/19 – 03/22	IDIQ Contract for Intelligent Transportation Systems (ITS) CE&I Services. H.011500.6: Task Order 1: Control Section Nos. 450-30 & 450-91 Lake Charles ITS Phase 3 Routes I-210 & I-10, Calcasieu Parish, LA. DOTD. Structural Concrete Inspector. As subconsultant under Gresham Smith, performed final inspections, concrete sampling and testing, slurry testing, grouting inspection, cross-hole sonic logging and other inspections on drilled shaft foundations and related concrete work for the ITS project.		
03/19 - ongoing	IDIQ Contract for CE&I with a Majority of work in District 07 Statewide, DOTD. Task Order 1: H.010916 Prien Lake Re-Deck and Safety Improvements As Lead Structural Inspector, Mr. Dauzat was responsible for verifying contractor safety regulations of the lead abatement containment for steel girders that were sand blasted and painted including cross frame and splice plate repair. Lead inspector responsible for structural construction inspection including form and rebar placement, dry-run depth checks, deck pour operation inspection and testing, securing and inputting material documentation into SiteManager Materials with LAPAVE labels, daily diaries and payment of completed pay items in HeadLight System (SiteManager software on a tablet). Project includes clearing and grubbing, grading, removal of bridge deck (full depth), milling asphalt pavement, subgrade treatment, asphalt concrete pavement, drilled shaft ITS foundations, roadway lighting, metal work, bridge repairs, intelligent transportation system, temporary queue detection system, and related work. Task Order 2: H.003184 I-10 TX Line – E of Coone Gully, Calcasieu Parish, LA. As Lead Inspector, Mr. Dauzat is responsible for structural construction inspection including pile driving, form and rebar placement, dry-run depth checks, deck pour operation inspection and testing, securing and inputting material documentation into SiteManager Materials with LAPAVE labels, daily diaries and payment of completed pay items in HeadLight System (SiteManager software on a tablet). Project includes widening 10.5 miles of I-10 to six lanes from the Texas state line to east of LA 108, replace and widen 10 bridges, and replace the eastbound weigh-in-motion system.		
02/13 – 08/18	H.010620: US 90 (I-49 South), Albertson’s Parkway to Ambassador Caffery, Design-Build Owner Verification, Lafayette Parish, Louisiana. DOTD. As Lead Inspector, Mr. Dauzat was responsible for structural inspection and testing on the structures over the BNSF Railroad from pile driving up through multi-staged and skewed deck placement, including: driving pile in a congested space, cast-in-place pier columns and caps, PCC and steel girder placement, concrete riser preparation and bearing pad placement; Stay-in-Place deck forms, reinforcing steel, dry-run depth checks and concrete		



	placement testing; and multiphase Traffic Control. Inspections included verifying the QC and QA operations were according to procedures outlined in the CQMP. He documented daily project activity in SiteManager and provided Progress Check Points (PCPs) to Project Engineer for payment. The project is a design-build project that encompasses widening of US 90 to a 6-lane facility including replacement of bridge structures over the BNSF Railroad and a new bridge structure at Albertson's Parkway with associated frontage roads, intersection improvements, and drainage improvements.
06/08 – 12/09	052-02-0024: John James Audubon Bridge Design-Build Owner Verification. DOTD. As Senior Construction Inspector / Owner Verification for the main span and approaches, Mr. Dauzat was responsible for Owner Verification inspection on currently the longest cable stay bridge in the Western Hemisphere. Responsibilities included verification inspection and testing on 8' diameter drilled shafts including: CSL and O-Cell testing; depth checks; steel, anchor bolt, mechanical splice and concrete placement; inspection/testing of form, rebar and concrete placement on pier columns and caps that included mass concrete sections, and HLMR pot bearing placement; inspection of steel girder placement including rotational capacity testing of splice plates, location on bearings, and end cap painting.
04/11 – 09/15	H.008273:Fort Buhlow Bridge and Approaches over the Red River US 71 / 165, Alexandria, LA. DOTD. As Senior Construction Inspector as a member of another firm, Mr. Dauzat was responsible for verifying lead abatement containment for the blasting and painting of existing steel girders; monitoring noise levels adjacent to the State Hospital and Fort Buhlow HS; multi-phase Traffic Control inspection of a congested major arterial including the interchange at I-49; inspection of pile and drilled shaft substructure installation.



17. Firm Experience:

Gresham Smith		Past Performance Evaluation Category(ies)*		CE&I / OV / ITS	
LADOTD, Traffic Signal Communications Upgrade Phase I, CEI				Firm responsibility (prime or sub?)	Prime
Project number	H.012749.6-1	Owner's name	Louisiana Department of Transportation and Development		
Project location	Ascension, East Baton Rouge, Livingston, St. James and West Baton Rouge Parishes, Louisiana	Owner's Project Manager		Lucy Kimbeng, P.E.	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA / 225.379.2528 / lucy.kimbeng@la.gov				
Services commenced by this firm (mm/yy)		1/19	Total consultant contract cost (\$1,000's)		\$324
Services completed by this firm (mm/yy)		9/21	Cost of consultant services provided by this firm (\$1,000's)		\$324

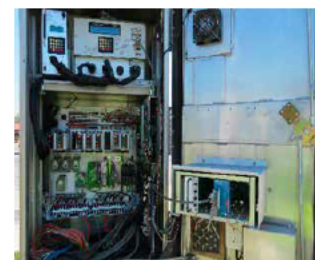
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.) *If there is more than one past performance evaluation category included in the advertisement, then indicate which past performance evaluation category(ies) this project is being used to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

For this task order, Gresham Smith is providing the project engineering and administration, as well as field inspection services. The contractor is installing underground conduit, pull boxes, fiber optic cables, replacing signal cabinets, upgrading signal controllers and installing CCTV cameras.

CEI tasks include on-site daily/nightly construction inspection, daily/weekly/monthly construction inspection reporting, construction management, pre-construction meeting, construction progress meetings, submittal coordination and tracking, sampling plan review, sampling coordination and documentation, verifying compliance documentation, claims processing and tracking, construction schedule review and tracking, SWPPP coordination, certified payroll review and exception resolution, monthly partial estimate reviews, change order processing, site manager updates, field diaries, commission test findings report, witnessing fiber optic cable testing, commission testing and system integration testing, and final project file documents.

Nature of firm's responsibility: Prime Consultant; Overall responsibility for entire contract.

Firm members involved include Bert Moore, Daniel Knott, Christina Florez, Julian Bordelon, Doug Smith and Kendra McCoy.



Scope Elements

- Project Management
- Daily Inspection
- Change Order Processing
- Monthly Estimates
- Project Closeout



17. Firm Experience:

Gresham Smith		Past Performance Evaluation Category(ies)*		CE&I / OV / ITS	
LADOTD, Lake Charles ITS Phase 3 CEI				Firm responsibility (prime or sub?)	Prime
Project number	H.011500.6	Owner's name	Louisiana Department of Transportation and Development		
Project location	Lake Charles, Louisiana	Owner's Project Manager		Lucy Kimbeng, P.E.	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA / 225.379.2528 / lucy.kimbeng@la.gov				
Services commenced by this firm (mm/yy)		10/18	Total consultant contract cost (\$1,000's)		\$463
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$372

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 category(ies) this project is being used to represent.

Gresham Smith is performing Construction Engineering and Inspection services for LADOTD on the Lake Charles ITS Phase 3 construction project. The contractor is installing 12.76 miles of ITS infrastructure along I-210 in Calcasieu Parish, Louisiana. The project includes two communications hub sites, 4 dynamic message signs (DMS), 18 CCTV cameras, conduit, fiber optic cables, pull boxes, and electrical services. The DMS and CCTV sites include new foundations and structures.

Gresham Smith tasks include on-sight daily/nightly construction inspection, daily/weekly/monthly construction inspection reporting, construction management, pre-construction meeting, construction progress meetings, submittal coordination and tracking, sampling plan review, sampling plan coordination and documentation, verifying compliance documentation, claims processing and tracking, construction schedule review and tracking, SWPPP coordination, certified payroll review and exception resolution, monthly partial estimate reviews, change order processing, site manager updates, field diaries, commission test findings reporting, witnessing fiber optic cable testing and system integration testing, and final project file documents.

Nature of firm's responsibility: Prime Consultant; Overall responsibility for entire contract.

Firm members involved include Bert Moore, Daniel Knott, Christina Florez, Julian Bordelon, Doug Smith Kendra McCoy, Eddie Morgan and Bud Smith.



Scope Elements

- Project Management
- Daily Inspection
- Change Order Processing
- Monthly Estimates
- Project Closeout



17. Firm Experience:

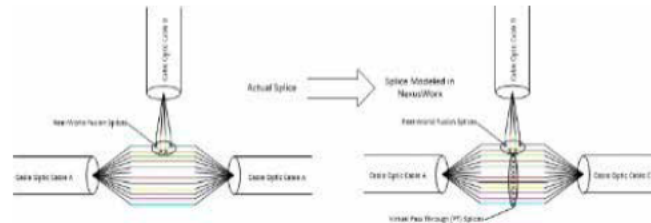
Gresham Smith		Past Performance Evaluation Category(ies)* CE&I / OV / ITS	
LADOTD, ITS Design and Implementation Services, WO #6: Fiber Optic Mapping and Management (FOMM)			Firm responsibility (prime or sub?) Prime
Project number	H.012381.5	Owner's name	Louisiana Department of Transportation and Development
Project location	Various Locations, Louisiana	Owner's Project Manager	Erik Smith, P.E.
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA / 225.379.2520 / erik.smith@la.gov		
Services commenced by this firm (mm/yy)	11/16	Total consultant contract cost (\$1,000's)	\$387
Services completed by this firm (mm/yy)	01/19	Cost of consultant services provided by this firm (\$1,000's)	\$387

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 category(ies) this project is being used to represent.

In support of GIS services, Gresham Smith conducted a pilot project for LADOTD which included developing preliminary policies for the ITS Field Asset Management System (FAMS). Tasks included identifying and collecting data from LADOTD's fiber and communications system and field site equipment; recording data into the system asset information; and developing a template for gathering asset information along with sequence for which data is to be collected. Additional tasks included developing final requirements for data collection, scheduling the field inventory, creating data reporting requirements and QA/QC procedures. Gresham Smith delivered an evaluation report of how the pilot project was performed, summarizing the issues that arose and identifying how those issues were addressed during the process. As a result of this initial pilot project, LADOTD recognized the value of the fiber optic asset management and has subsequently issued numerous additional work orders to map more of the LADOTD fiber optic network. The pilot project has led Gresham Smith to receive additional task orders to implement the system statewide. As this project has evolved, Gresham Smith is updating the last three regions of the state and has also included shape file imports from ITS contractors to update NexusWorx with data collected from current and new construction projects.

Nature of firm's responsibility: Prime Consultant; Overall responsibility for entire contract.

Firm members involved include Bert Moore, Daniel Knott, Christina Florez, Julian Bordelon, Doug Smith and Kendra McCoy.



Scope Elements

- Project Management
- Policy Development
- Data Collection Requirements
- Reporting Requirements
- QA/QC Procedures
- Identify Challenges
- Software License Requirements
- ITS Field Asset Inventory
- Data Collection Coordination
- Data Entry
- QA/QC



17. Firm Experience:

Gresham Smith		Past Performance Evaluation Category(ies)* CE&I / OV / ITS	
MDOT, ITS CEI WO#1 & WO#2			Firm responsibility (prime or sub?) Prime
Project number	N/A	Owner's name	Mississippi Department of Transportation
Project location	Jackson, Mississippi	Owner's Project Manager	Jim Willis
Owner's address, phone, email	401 North West Street, Jackson, MS 39201 / 601.359.1454 / jcwillis@mdot.ms.gov		
Services commenced by this firm (mm/yy)	03/16	Total consultant contract cost (\$1,000's)	\$465
Services completed by this firm (mm/yy)	02/18	Cost of consultant services provided by this firm (\$1,000's)	\$465

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 category(ies) this project is being used to represent.

WO#1 Desoto County CMAQ CEI

Gresham Smith prepared design plans, SEA documents, specifications, cost estimates and other supporting documentation for this Congestion Mitigation and Air Quality (CMAQ) regional ITS project in the cities of Southaven, Olive Branch, Hernando and Horn Lake, which are negatively affected by poor air quality. This project, with a construction cost of approximately \$10M, will be implemented to improve mobility and reduce congestion in the region. Updated signal timings, synchronization and active traffic management will improve flow within congested arterials, reduce traffic stops and emissions.

WO#2 Jackson County ITS

The Jackson County ITS work order was designed to provide improved mobility and safety for Mississippi's Gulf Coast along I-10 and connecting routes in Jackson County, which spans 38 miles of interstate, state and local routes. Starting in 2006, Gresham Smith planned, designed, implemented, operated and maintained ITS solutions for the Statewide MDOT ITS Integrator contract. The Jackson County Project was included as part of the Statewide MDOT ITS Integrator. For this project, Gresham Smith was tasked with developing design plans, specifications and cost estimates for ITS related projects. Gresham Smith developed technical specification documents as needed and provided evaluation and recommendations for ITS field device designs, conceptual design and pilot project designs. Additionally, Gresham Smith provided QA/QC of other ITS designs on MDOT's behalf, CEI services, submittal review, prepared notice-to-bidder and special provision documents for other ITS designs. Projects and devices were integrated with the MDOT's existing systems and software. Gresham Smith also provided integration support with new initiatives including arterial DMS and travel time systems as well as pilot projects with geo-fencing, intersection collision avoidance systems, and connected vehicle technology.

Nature of firm's responsibility: Prime Consultant; Overall responsibility for entire contract.

Firm members involved include: Bert Moore and Daniel Knott

Scope Elements

- DMS: 7 on the Interstate; 3 on Surrounding Arterials
- Traveler Information Kiosks: 3 at Rest Areas / Welcome Centers
- HAR: 5; Beacons: 14
- RWIS: 2; Beacons: 2
- Cameras: 32 Sites
- Detection: RDS and BDS (30+ and 20+each)
- Signal Upgrades
- Fiber Optic Cable (42 Miles)
- Communications Huts
- Radio Interconnect from I-10 and 609 to Maple Street Water Tower
- Radio Interconnect from SR 57 Water Tower to Lyman Tower
- Communications to existing Count Stations
- TMC Modifications and Integration



17. Firm Experience:

Gresham Smith		Past Performance Evaluation Category(ies)* ITS	
TDOT, Nashville ITS I-40 - WO#7 & WO#8			Firm responsibility (prime or sub?) Prime
Project number	N/A	Owner's name	Tennessee Department of Transportation
Project location	Nashville, TN	Owner's Project Manager	Lee Smith, P.E.
Owner's address, phone, email	James K. Polk Building, Suite 1200, 505 Deaderick Street, Nashville, TN 37243 / 615.253.6705 / lee.j.smith@tn.gov		
Services commenced by this firm (mm/yy)	01/18	Total consultant contract cost (\$1,000's)	\$1,048
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$1,035

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 category(ies) this project is being used to represent.

WO#7

Gresham Smith is currently designing the TDOT ITS SmartWay I-40 Extension Project which will continue the current TDOT SmartWay ITS system outside the Metro-Nashville region to both the East (west of I-840 to US 70S) and the West (SR 265 to east of US 70). The project will consist of approximately 38 miles of ITS fiber and devices, which include new fiber optic backhaul, network hubs, radar detection sensors (RDS), dynamic message signs (DMS), road weather information sensors (RWIS) and closed circuit television (CCTV) cameras. The intent of the project is to provide full fiber communication connectivity on I-40, tying into existing fiber at both ends of the project limits; detection at typical half mile spacing to support travel times; CCTV cameras at approximately one mile spacing to provide full and continuous visual coverage of both I-40 and each interchange; and DMS in advance of major decision points to communicate with motorists.

Once complete, the project will provide the Department with the ability to better manage congestion and incidents along I-40 in the Nashville Metropolitan area. Additional goals of this project are to post alternative travel times on DMS for I-840 and on I-40. The project is expected to be let for construction in early 2020.

WO#8

Gresham Smith is currently designing the TDOT ITS SmartWay I-40 Extension – Cumberland Plateau Project which will provide new ITS coverage along I-40 from Cookeville east to SR 299 (Exit 338). This 50-mile project includes new fiber optic backhaul, network hubs, radar detection sensors (RDS), dynamic message signs (DMS), road weather information sensors (RWIS) and closed circuit television (CCTV) cameras. The intent of the project is to provide full communication connectivity on I-40; detection at typical two mile spacing to support travel times; CCTV cameras at approximately two mile spacing to provide visual coverage of both I-40 and each interchange, and DMS in advance of major decision points to communicate with motorists. Once complete, the project will provide the Department with the ability to better manage congestion and incidents along I-40 in Putnam and Cumberland Counties.

Nature of firm's responsibility: Prime Consultant; Overall responsibility for entire contract.

Firm members involved include Julian Bordelon, Christina Florez, Meredith Cebelak, Daniel Knott, Doug Smith



17. Firm Experience:**Michael Baker****Past Performance Evaluation Discipline(s)***

CE&I / OV / ITS

**IDIQ Contract for Intelligent Transportation Systems (ITS)
CE&I Services; Task Order 1.****Firm responsibility (prime or sub?)**

Sub

Project number	H.011500.6	Owner's name	Louisiana Department of Transportation		
Project location	Calcasieu Parish		Owner's Project Manager	Lucy Kimbeng, P.E.	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 225-379-2528, lucy.kimbeng@la.gov				
Services commenced by this firm (mm/yy)		10/18	Total consultant contract cost (\$1,000's)		\$463
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$91

Describe the project including the firm's role and members involved. (Highlight members to be used in this proposal.)**Lake Charles ITS Phase 3 CEI**

As a task order under the IDIQ for ITS CE&I Services, this ITS project is for Lake Charles ITS Phase 3 for I-210 and I-10. This project included 9 CCTV Camera pole sites on 66" drilled shafts, 4 digital message signs (DMS) on driven pile foundations, 2 communication hubs, and various incidental concrete for items such as mow pads around guardrail.

As a sub-consultant to Gresham-Smith, Michael Baker International (MBI) provided construction inspection and testing of structural component of this project, including drilled shafts, driven pile, and incidental concrete on an as-needed basis. MBI reviewed mix designs for acceptance, observed QC sampling and testing of trial batches, sampled material components at the concrete plant for lab testing, inspected structural foundation or incidental concrete area for compliance to plans and specifications, performed field testing and documentation on SiteManager DWR, assisted the contractor in troubleshooting grouting of CSL tubes and selection of grout product, and performed final closeout documentation of structural components.

Nature of firm's responsibility: Sub-Consultant to Gresham Smith.**Firm members involved include:** Mary Flynn, PE, David Dauzat, Nathaniel Ray, Terry Butler, Elizabeth "Liz" Boone

17. Firm Experience:

Michael Baker	Past Performance Evaluation Discipline(s)*	CE&I / OV / ITS
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D07 IDIQ Task Order 2: Adaptive Traffic Signal Design & Implementation

Firm responsibility (prime or sub?)

Prime

Project number	H.012018.6	Owner's name	Louisiana Department of Transportation	
Project location	Lafayette, LA		Owner's Project Manager	Patrick Cusey, PE.
Owner's address, phone, email	5827 Hwy 90 E, Lake Charles, LA 337-437-9115, patrick.cusey@la.gov			
Services commenced by this firm (mm/yy)	09/20	Total consultant contract cost (\$1,000's)		\$657
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$608.9

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

Adaptive Signal Project

As the second Task Order under the IDIQ: CE&I with Majority of Work in District 07 Statewide, Michael Baker International is providing Construction Management, inspection and administrative services for the Adaptive Traffic Signal Design and Implementation project.

The project involves upgrading and installing controllers and GPS based preemption and intersection devices at 190 intersections, installing a new server at Louisiana Consolidated Government (LCG), and related work.

Inspector duties included inspection and documenting all electrical work and installations and verification of working condition; making daily entries in the project diary (DWR); verifying traffic control and daily obtaining Lafayette Police Department invoicing for payment; submitting certifications in SiteManager Materials system; and coordinating DOTD Section 45 and LCG to be on site as required during testing. Field Administrator duties include generating partial estimates and change orders within SiteManager verifying contractor EEO, DBE and timesheet requirements, final estimate package assembly and Form 2059 compilation.

Nature of firm's responsibility: Prime Consultant.

Firm members involved include: Mary Flynn, PE, Nathaniel Ray, Terry Butler, Elizabeth "Liz" Boone



US90 Controller Cabinet at Kaliste Saloom Road



17. Firm Experience:**Michael Baker****Past Performance Evaluation Discipline(s)*** | OV/CE&I

D07 IDIQ Task Order 3: I-10 TX Line – East of Coone Gully				Firm responsibility (prime or sub?)	Prime
Project number	H.012018.6	Owner's name	Louisiana Department of Transportation		
Project location	Calcasieu Parish, LA		Owner's Project Manager	Patrick Cusey, PE.	
Owner's address, phone, email	5827 Hwy 90 E, Lake Charles, LA 337-437-9115, patrick.cusey@la.gov				
Services commenced by this firm (mm/yy)		10/20	Total consultant contract cost (\$1,000's)		\$1383
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$1178

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

I-10 TX Line – East of Coone Gully

As the third Task Order under the IDIQ: CE&I with Majority of Work in District 07 Statewide, Michael Baker International is responsible for augmenting DOTD staff with certified inspectors as needs arise on the project, including structural, roadway and asphalt plant inspection staff. The project will widen 10.5 miles of I-10 to six lanes from the Texas state line to east of LA 108, replace and widen 10 bridges, and replace the eastbound weigh-in-motion system. This Task Order is for segment one of this project, from the state line to LA 109

Michael Baker is providing 2 inspectors to assist in structural work, drainage installation, asphalt placement and asphalt plant verification. The asphalt plant for this project is in Beaumont, TX and has never been utilized for DOTD projects. Our lead asphalt plant inspector will inspect from the plant to verify all operations are running according to DOTD standard upon startup. Inspection staff are utilizing the new Headlight program on iPads for daily work record in conjunction with SiteManager documentation.

Nature of firm's responsibility: Prime Consultant.

Firm members involved include: Mary Flynn, PE, David Dauzat, Terry Butler, Elizabeth "Liz" Boone



I-10 widening of bridge structures and roadway near Vinton, LA



18. Approach and Methodology:

Background

The Gresham Smith team was initially assigned the CEI for this project H.013256 as a task order under our existing IDIQ for ITS CEI contract (4400011253). We have reviewed the construction plans designed by Neel-Schaffer and negotiated a scope and man-hour estimate with LADOTD. Our field staff based in Lake Charles are currently completing the CEI services for the ITS Lake Charles Phase 3 project which this project will tie into and are prepared to begin working on this project immediately. Due to the anticipated extension of the assembly period for the contractor, supply chain issues, and the 5-year limitation on our ITS CEI IDIQ contract, this contract is now advertised as a standalone project.

The I-10 ITS Scott to Lake Charles project will install and upgrade 15 CCTV camera sites along a 57 mile stretch of I-10 between Scott, Louisiana and Lake Charles, Louisiana. In addition, fiber optic drop cables will be installed at each site and spliced into the existing backbone fiber optic cable. Camera poles and foundations will require structural inspections and submittals in adherence to LADOTD Standard Specifications for Roads and Bridges.

This new ITS installation will add to LADOTD's growing ITS infrastructure which includes the Lake Charles ITS phase 3 project, for which Gresham Smith is currently providing CEI services, construction is complete and project is entering the final testing phase. This project will tie into the existing ITS infrastructure, specifically the Lake Charles Regional Traffic Management Center, via existing lease fiber optic cable along I-10. Eventually, separate from this project, the CCTV feeds will be integrated into LADOTD's VDMS system developed and maintained by Gresham Smith.

Project Understanding and Approach

Gresham Smith has been a partner continually with LADOTD ITS Section for over eight years including the current ITS CE&I IDIQ contract. We are inventorying the entire ITS infrastructure system, developed their VDMS system, and performed CEI services. In short, we know what LADOTD requires of their contractors, project engineers, and inspectors and can hold all to that standard.

Doug Smith will rely on his experience as previous ITS CEI projects to deliver a successful project. He has worked with the selected contractor Ozark Traffic Management, LLC on the Lake Charles ITS Phase 3 project. The camera poles, communications, and electrical items being installed within this project are similar to those installed in Lake Charles ITS Phase 3. Similar procedures and documentation for foundations and submittals will be followed.

Julian Bordelon will assist in day-to-day contract administration activities. Bud Smith and Eddie Morgan will perform project inspections bringing the key elements of their combined experience to this project. Lastly, in order to provide a seamless team, we are again teaming with Michael Baker International, who will be providing structural inspections.

As stated previously, Gresham Smith is very familiar with this project as we had initially developed the scope and man-hour under our ITS CEI IDIQ contract. In developing the task order, Gresham Smith engineers reviewed the plans and proposal documents to gain the necessary understanding of the project to develop man hour estimates. We discussed with the contractor, Ozark Traffic whom we are familiar with and is also the contractor on ITS Lake Charles Phase 3, their approach to the construction of this project. We have been in contact with the District Project Engineering office to discuss administrative items such as sampling plans, notice to proceed, and assembly period extensions due to supply shortages. We are familiar with the concerns of the contracts regarding these shortages and have begun to anticipate how to address them. In anticipation of the task order, we have put the pieces in place to successfully administer this project.

Project Schedule

This project is a 225 working day contract. Therefore, assigning calendar days to a schedule is difficult. In addition, material shortages impacting construction projects across the country adds to the uncertainty. Lastly, natural disasters and other weather events have caused significant delays on other projects in the region over the past few years. Therefore, the following schedule is created to be relative to construction milestones.



- Gresham Smith will schedule meeting with District office to discuss the status of the project – Within 2 weeks of Notice to Proceed
- Gresham Smith will obtain or develop sampling plan and submit to District (if applicable) – 2 weeks after initial meeting
- Gresham Smith will set up a meeting to review sampling plan with inspectors and contractors – within 2 weeks of receiving approval of sampling plan
- Gresham Smith will schedule pre-construction conference within 4 weeks of Notice to Proceed if one has not been held. Will schedule project update meeting if one has already been held.
- Gresham Smith will enter submittals into Site Manager/Head Light – within 2 weeks of approval from reviewers
- Gresham Smith will schedule/perform a site layout visit – 1 month or less before anticipated construction
- Gresham Smith will schedule monthly update meetings once construction begins
- Gresham Smith will schedule drilled shaft pre-construction meeting no less than 10 days prior to drilled shaft construction
- Gresham Smith will schedule system integration testing within 2 weeks of construction being completed.
- Gresham Smith will develop a preliminary punch list 2 weeks prior to system integration testing
- Gresham Smith will develop final punch list within one week of system integration testing
- Gresham Smith will perform final inspection within 2 weeks of burn in period being complete
- Gresham Smith will submit recommendation for project acceptance within 1 week of punch list and burn in period being complete
- Gresham Smith will submit closeout documentation within 90 days of receiving project acceptance

Proven Experience

As a firm and as individuals, our project leaders have worked on many projects similar to this for Departments of Transportation across the Southeast. The table below shows both firm and individual experience. Gresham Smith Construction Project Engineers and Inspectors have great and recent experience with LADOTD ITS construction projects.

Gresham Smith was selected for the ITS CEI IDIQ retainer contract in 2017 and for the past 5 years have been performing this type of work for LADOTD. Under this IDIQ contract, Gresham was assigned task orders for H.012749.6-1, Signal Communications Upgrade Phase 1 Districts 61 and 62, H.011500.6 Lake Charles ITS phase 3, and multiple Fiber Optic Mapping and Management task orders to catalog ITS infrastructure across the state. Over the course of these projects, Gresham Smith Project Engineers have developed the relationships with LADOTD, contractors, vendors, and sub-consultants needed to efficiently perform the required CEI duties while addressing unexpected issues as they arise.

Project	Design Services	CEI	CCTV	DMS	Radar Detection System (RDS)	Fiber Installation, Splicing, And Testing	Component Integration	System Testing, verification and validation	Signals Upgrade / Network / Integration	EPSC Inspections	Utility Coordination / Relocation	Surveying	Materials Testing	Administrative Assistance	Submittal Review of Components
LADOTD, Retainer Contract for ITS CEI Services		●	●	●		●	●	●	●	●			●	●	●
LADOTD Signal Communications Upgrade CEI		●	●			●	●	●	●						●
LADOTD Lake Charles Phase 3 ITS CEI		●	●	●		●	●	●	●				●		●
LCG Adaptive Traffic Signal Design & Implementation	●						●	●	●						
TDOT Smartway Memphis ITS CEI (Maintenance)		●	●	●	●	●	●	●		●				●	●
TDOT, Smartway Memphis ITS Design & CEI	●	●	●	●	●	●	●	●		●				●	●
TDOT I-24 Smartway expansion, Grundy County		●	●	●	●	●	●	●		●	●	●	●	●	●
City of Memphis, Signal System Design & CEI	●	●				●	●	●	●		●	●	●	●	●
City of Johnson City, ITS Master Plan, Design, and CEI		●	●			●	●		●	●	●	●	●	●	●
WeGo Public Transit TSP CEI on Murfreesboro Pike		●			●	●	●	●	●	●	●		●	●	
ALDOT I-65/US-31 ITS Design	●		●	●	●				●						
KYTC I-Move Design-Build	●		●	●			●	●	●		●				●
MDOT, Jackson County ITS CEI		●	●	●	●	●	●	●	●	●	●		●	●	●
MDOT, Desoto County CMAQ CEI		●	●	●		●	●	●	●	●	●		●	●	●



Christina Florez was the Project Engineer on H.012749.6-1, Signal Communications Upgrade Phase 1 Districts 61 and 62. Doug Smith assisted Christina with the contract administration duties and Daniel Knott, led our daily inspections. Our experienced team proved instrumental in ensuring the contractor was held to the highest of standards and that the project was successfully completed under budget.

Doug Smith, P.E. has been the Project Engineer on H.011500.6, Lake Charles ITS Phase 3. This project included the installation of 9 CCTV sites of varying pole heights (60', 85' and 100') with 18 PTZ cameras and lowering devices, 4 walk-in DMS signs mounted on trusses, a hub building, and fiber optic cable over a 12.75 mile stretch of I-210 in Lake Charles, Louisiana.

Inspector duties were handled by Bud Smith and Eddie Morgan, whom gained over 30 years of experience each and have retired LADOTD staff from District 07. In addition to being familiar with the LADOTD construction process, both Eddie and Bud are native to the Lake Charles area and also familiar with the area having lived and worked in the area their whole lives. Eddie is our lead inspector, having previously served as a LADOTD project engineer for the Sulfur Construction office. Eddie adds expertise to our team in areas of highway construction, piles and foundations. Bud Smith is an inspector whose experience as the LADOTD Eng Tech 7 from the District 07 Traffic section adds expertise with conduit, conductor, fiber optics, signal equipment and communications as well as other electronic components.

Supporting our inspectors, Doug Smith, P.E., our Project Engineer, and Julian Bordelon, EI, are experienced in ITS design and assist with the design issues that have arisen on the project as well as performing the ITS integration and testing.

Our sub-consultant, Michael Baker International, brings a wealth of structural inspection knowledge and experience to the team. We have teamed with Michael Baker International on the Lake Charles and other projects in multiple states. We are familiar with one-another's processes, procedures, and personnel making for a seamless team.

NOTICE TO CONTRACTORS (10/21)

Electronic bids and electronic bid bonds for the following project will be downloaded by the Louisiana Department of Transportation and Development (LA DOTD) on **Wednesday, March 9, 2022**. **Paper bids and paper bid bonds will not be accepted.** Electronic bids and electronic bid bonds must be submitted through www.bidx.com prior to the electronic bidding deadline. Beginning at 10:00 a.m., all bids will be downloaded and posted online at <http://wwwapps.dotd.la.gov/engineering/lettings/>. No bids are accepted after 10:00 a.m. The electronic bid download process is held in LA DOTD Headquarters Building, 1201 Capitol Access Road in Baton Rouge, LA, Room 404 A, and is open to the public. Visitors must check-in with the security desk in the first floor lobby.

DBE GOAL PROJECT

STATE PROJECT NO. H.013256

CONTROL SECTION NOS. 450-03, 450-04 & 450-05

FEDERAL AID PROJECT NO. H013256

DESCRIPTION: I-10 ITS SCOTT TO LAKE CHARLES

NHS ROUTE

ROUTE: I-10

PARISHES: LAFAYETTE, ACADIA & JEFFERSON DAVIS

LENGTH: 57.131 miles.

TYPE: GRADING, DRILLED SHAFT FOUNDATIONS, INTELLIGENT TRANSPORTATION SYSTEM (ITS) AND RELATED WORK

LIMITS: State Project No. H.013256: LOCATED ON 15 SITES ALONG ROUTE I-10 FROM ITS INTERCHANGE WITH ROUTE US 165 TO ITS INTERCHANGE WITH ROUTE LA 182 AS SHOWN ON PLANS

ESTIMATED COST RANGE: \$2,500,000 to \$5,000,000

The estimated cost range is for informational purposes only and may be subject to change. The bid prices received from bidders will be evaluated based on the actual estimate value, which will be published at bid opening, for award determination.

PROJECT ENGINEER: SMITH, DOUG; GRESHAM SMITH; 10000 Perkins Rowe Suite 280 G, Baton Rouge, LA 70810; (225) 960-5479.

DOTD COORDINATOR: RONKARTZ, MICHAEL; (337) 788-7501.

PROJECT MANAGER: SHAMS, ALAA.

PROJECT CLASSIFICATION

The winning bidder shall be licensed under La. R.S. 37:2150-2192 for the classification of Electrical Work (Statewide) before execution of the awarded contract.



Typical Timeline

Contract Working days: 225
Estimated Construction Time: 15 Months

NTP	Pre-Construction Period	Construction Period	Post-Construction Period
	<p>Construction Contract Administration</p> <p>Kick-off Meeting with LADOTD - within 2 weeks of NTP</p> <ul style="list-style-type: none"> Develop & Submit Sampling Plan - within 2 weeks of Kick-off Meeting Review approved Sampling Plan with Inspectors and Contractors - within 2 weeks of receiving approval Pre-Construction Meeting - within 4 weeks of NTP Submittal Coordination/Enter Submittals into Site Manager/ Head Light Site Layout Visit - 1 month prior to anticipated construction start date <p>Construction Inspection and Testing of Structural Components</p> <ul style="list-style-type: none"> Review Job Mix Formula (JMF) for Specification Compliance Deliver JMF Component Samples to District 7 Laboratory for Testing Enter JMF Component Samples into Headlight Materials <p><i>*Dependent on approved Assembly Period; proposal has a 30-Day Assembly Period</i></p>	<p>Construction Contract Administration</p> <ul style="list-style-type: none"> Monthly Construction Progress Meetings Drilled-Shaft Pre-Construction Meeting - no less than 10 days prior to drilled shaft construction Headlight Diary Authorizations Headlight Partial Payments Change Order Processing Traffic Diary Verification Request for Information Coordination and Tracking Sampling Coordination and Documentation Certified Payroll Review and Exception Resolution Verify Compliance Documentation Claims Processing and Tracking Construction Schedule Review and Tracking SWPPP Coordination Submit Recommendation for Project Acceptance - within 1 week of Punch List and Burn-In Period Completion <p>Field Inspection and Investigation</p> <ul style="list-style-type: none"> On-Site Daily Inspection Daily/Weekly/Monthly Construction Inspection Reporting Headlight Updates Field Diaries <p>Testing/QA</p> <ul style="list-style-type: none"> Fiber optic cable pre-installation testing Sample collection and distribution to testing facilities or Project Engineer Preliminary Punch List - 2 weeks prior to System Integration Testing Commission Testing System Integration Testing Final Punch List - within 1 week of System Integration Testing Preparation of Contract Materials Audit Report ("2059") Final Inspection - within 2 weeks of Burn-In Completion <p>Construction Inspection and Testing of Structural Components</p> <ul style="list-style-type: none"> Observe and document Contractor's Sampling and Testing of all Trial Batches Verify Structural Foundation or Incidental Concrete Area Record inspections and testing in Daily Diary 	<p>Post-Construction Period</p> <ul style="list-style-type: none"> Preparation of the Final Project File Construction Project Closeout <p><i>**As approved by LADOTD</i></p>
<p>Project Management and QA/QC</p> <p>Quality Assurance, Acceptance and Project Management Monthly Invoices and Progress Reports Respond to Requests for Assistance/Coordination with LADOTD</p>			



19. Workload:

Firm	Past Performance Evaluation Disciplines(s) *	State Project Number	Project Name and Location	Remaining unpaid balance**
Gresham Smith	Traffic	H.12018.5	Lafayette Adaptive Traffic Signals	\$151,483
Gresham Smith	Road	H.013271.5-2	LRSP/SRTS Tangipahoa Striping and Signage	\$7,414
Gresham Smith	Road	H.012279.5	LRSP/SRTS Endom Bridge Construction Support Supplement	\$4,326
Gresham Smith	CE&I/OV / ITS	H.011500.6	Lake Charles ITS Phase 3	\$16,630
Gresham Smith	CE&I/OV / ITS	H.012381.6-2	Fiber Optic Mapping and Management Services – Lafayette, West Baton Rouge, point Coupee, St. Landry and Rapides	\$1,688
Gresham Smith	CE&I/OV / ITS	H.012381.6	Fiber Optic Mapping and Management Services - Calcasieu, Jefferson, Orleans, Ouachita, Plaquemines and St. Charles	\$434,974
Gresham Smith	Bridge	H.009730.5	Complex Bridge Inspection TO#4	\$160,579
Gresham Smith	Bridge	H.009730.5	Complex Bridge Inspection TO#5	\$319,028
Gresham Smith	Road	H.013720.5	LRSP Signs and Stripping - Bonner Street Bridge Pedestrian Improvements	\$18,532
Gresham Smith	Road	H.013767.5	LRSP Signs and Stripping - St. Landry and St. Martin Parishes	\$95,013
Gresham Smith	Road	H.012527.6	LRSP/SRTS West Feliciana Signs, Striping and Guardrail Construction Support Supplement	\$5,936
Gresham Smith	CE&I/OV	H.009308.6	TO#1 New Orleans DPW SRTS Sidewalk Project	\$38,538
Michael Baker International	Environmental	S.P. No. H.005168 F.A.P. No. DE-9208 (500)	NORG-Jefferson Highway EA, New Orleans, Louisiana Supplemental Agreement	\$782,826
Michael Baker International	Environmental, Road, Bridge	S.P. No. H.005168	NORG – Avondale PEL Study, New Orleans, Louisiana Supplemental Agreement	\$930,562
Michael Baker International	CE&I/OV / ITS	Contract No. 4400015166 S.P. No. H.007288.6 (CE&I) F.A.P. No. H007288	Montgomery St. (LA 34 – I-20), City of West Monroe, Ouachita Parish	\$58
Michael Baker International	CE&I/OV	Contract No. 4400014845 Task Order No. H.012018.6 S.P. No. H.012018.6 F.A.P. No. H012018	Adaptive Traffic Signal and Implementation, Lafayette Parish	\$397,652
Michael Baker International	CE&I/OV	Contract No. 440001485 Task Order No. H.0003184.6 S.P. No. H.003184.6	IDIQ Contract for Construction Engineering and Inspection Services with majority of work in District 07, I-10: Texas State Line - E. of Coone Gully, Calcasieu Parish	\$779,165
Michael Baker International	CE&I/OV	Contract No. 4400013851 Task Order No. H.013271.6 S.P. No. H0.013271.6 F.A.P. No. H.013271	IDIQ Contract for Construction Engineering and Inspection Services for Safety Projects (CE&I), Statewide Tangipahoa PH Local Road Safety Upgrade, Tangipahoa Parish	\$144,479



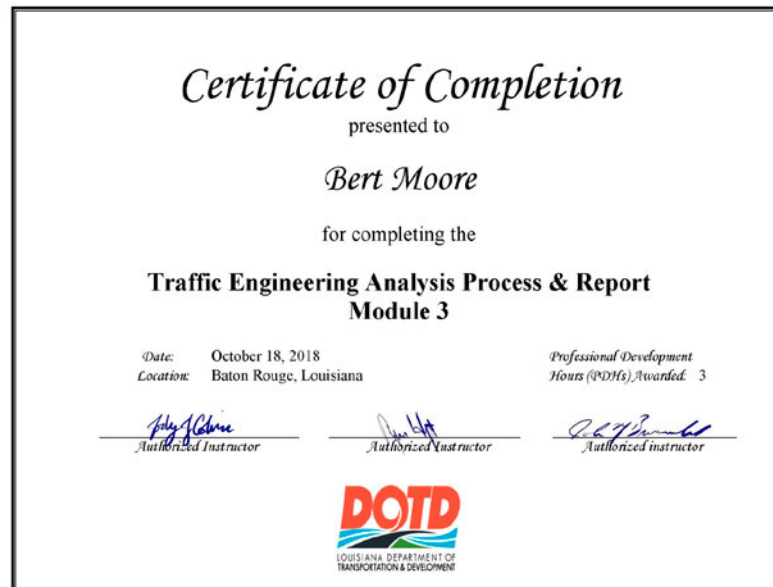
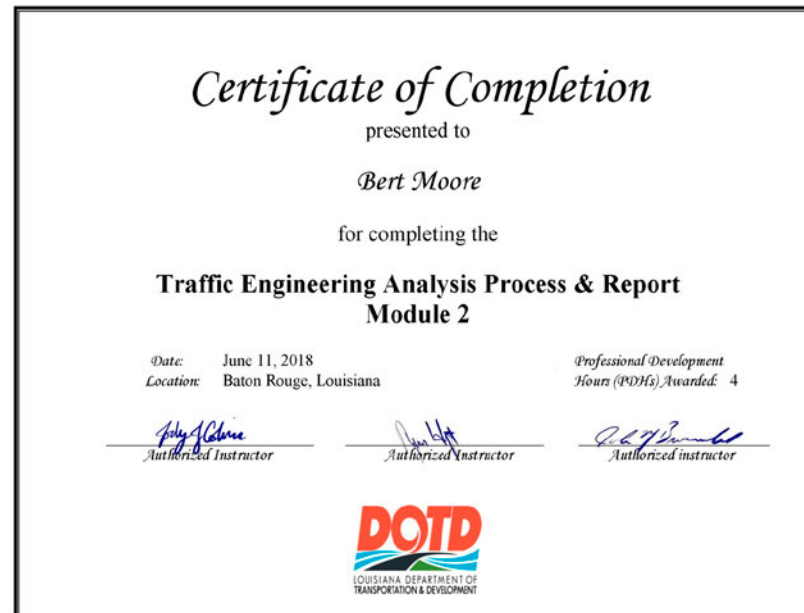
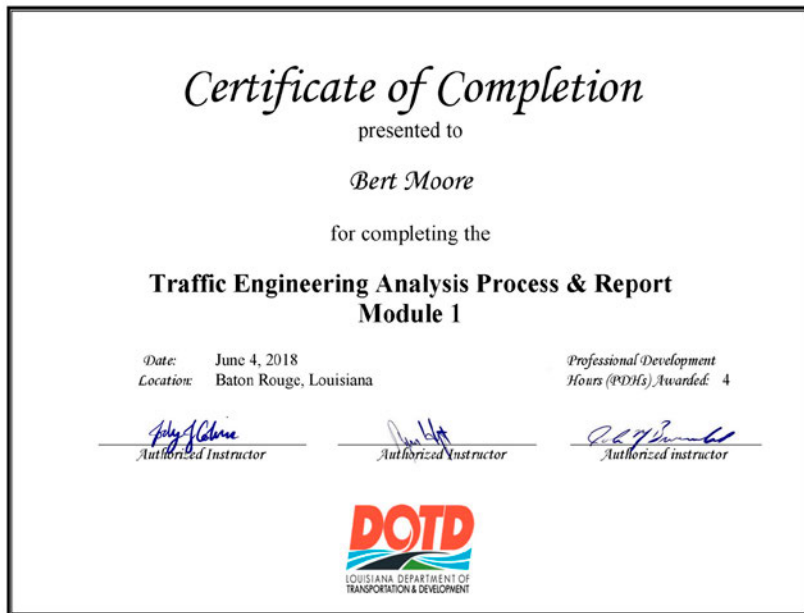
Firm	Past Performance Evaluation Disciplines(s) *	State Project Number	Project Name and Location	Remaining unpaid balance**
Michael Baker International	CE&I/OV	Contract No. 4400013851 Task Order No. H.013271.6-2 S.P. NO. H.013271.6-2 F.A.P. No. H013271	IDIQ Contract for Construction Engineering and Inspection Services for Safety Projects (CE&I) Tangipahoa PH Local Road Safety Upgrade, Tangipahoa Parish	\$20,217
Michael Baker International	CE&I/OV	Contract No. 4400013851 Task Order No. H.013271.6-3 S.P. NO. H.013271.6-3 F.A.P. No. H013271	IDIQ Contract for Construction Engineering and Inspection Services for Safety Projects (CE&I) Tangipahoa PH Local Road Safety Upgrade, Tangipahoa Parish	\$10,808
Michael Baker International	CE&I/OV	Contract No. 4400013841 Task Order No. H.012473.6 S.P. No. H.012473.6 F.A.P. No. H012473	IDIQ Contract for Construction Engineering and Inspection Services for Safety Projects (CE&I), Statewide Marconi Dr. Shared-Use Path	\$7,458
Michael Baker International	CE&I/OV	Contract No. 4400013851 Task Order No. H.009308.6 S.P. No. H.009308.6 F.A.P. No. H009308	IDIQ Contract for Construction Engineering and Inspection Services for Safety Projects (CE&I), Statewide New Orleans DPW SRTS Sidewalk Project	\$138,901
Michael Baker International	CE&I/OV	Contract No. 440001485 Task Order No. H.0003184.6 S.P. No. H.003184.6	IDIQ Contract for Construction Engineering and Inspection Services with majority of work in District 07, I-10: Texas State Line - E. of Coone Gully, Calcasieu Parish	\$779,165
Michael Baker International	CE&I/OV	Contract No. 4400013851 Task Order No. H.013271.6 S.P. No. H.013271.6 F.A.P. No. H.013271	IDIQ Contract for Construction Engineering and Inspection Services for Safety Projects (CE&I), Statewide Tangipahoa PH Local Road Safety Upgrade, Tangipahoa Parish	\$144,479
Michael Baker International	CE&I/OV	Contract No. 4400013851 Task Order No. H.012527.6 S.P. No. H.012527.6 F.A.P. No. H012527	Local Road Safety Upgrade (W. Feliciana) West Feliciana Parish	\$172,381
Michael Baker International	CE&I/OV	Contract No. 4400013851 Task Order No. H.013082.6 S.P. No. H.013082.6 F.A.P. No. H013082	Bootlegger Road Sidewalks St. Tammany Parish	\$155,884
Michael Baker International	CE&I/OV / ITS	Contract No. 4400011253 S.P. No. H.011500.6	Retainer Contract for Intelligent Transportation Systems (ITS), Lake Charles ITS Phase 3	\$7,087
Michael Baker International	Other	Contract No. 4400019130 Task Order No. 1	IDIQ Contract for Statewide Aviation Program Update – Phase II Statewide	\$78,739
Michael Baker International	Other	Contract No. 4400017092 Task Order No. 2	Collection of Existing Watershed Datasets, Models, and Studies; and Proposition of Modeling Design Approach, Schedule and Costs, Region 6	\$1,160,975

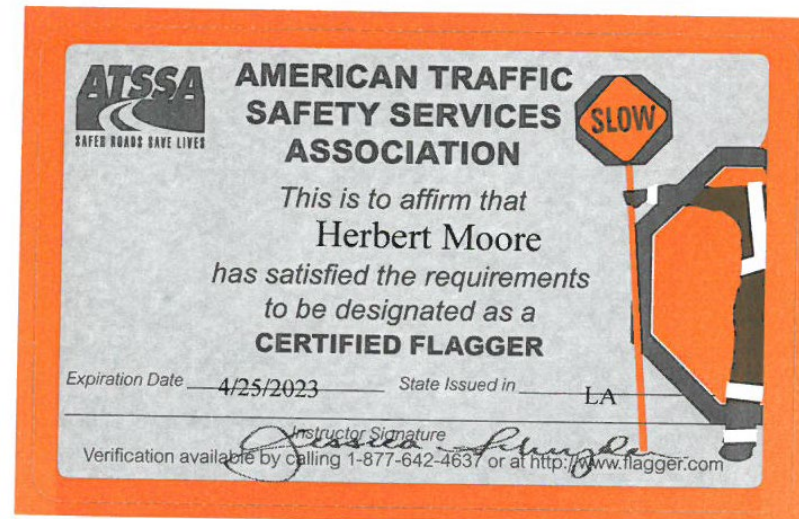


Firm	Past Performance Evaluation Disciplines(s) *	State Project Number	Project Name and Location	Remaining unpaid balance**
Michael Baker International	Other	Contract No. 4400017092 Task Order No. 3	Collection of Existing Watershed Datasets, Models, and Studies; and Proposition of Modeling Design Approach, Schedule and Costs, Region 6	\$2,145,167
Michael Baker International	Other	Contract No. 4400017090 Task Order No. 2	Collection of Existing Watershed Datasets, Models, and Studies; and Proposition of Modeling Design Approach, Schedule and Costs, Region 4	\$1,209,876
Michael Baker International	Other	Contract No. 4400017090 Task Order No. 3	Collection of Existing Watershed Datasets, Models, and Studies; and Proposition of Modeling Design Approach, Schedule and Costs, Region 4	\$196,968
Michael Baker International	Road, Bridge	Contract No. 4400021519 S.P. No. H.012030.5 F.A.P. No. H012030	US 371: KCS RR Overpasses HBI	\$607,371



20. Certifications/Licenses:





Certificate of Completion

presented to

Christina Florez

for completing the

Traffic Engineering Analysis Process & Report Module 1

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

Professional Development
Hours (PDHs) Awarded: 2

Polycarpus
Authorized Instructor

John Hitt
Authorized Instructor

Robert B. Smith
Authorized instructor



Certificate of Completion

presented to

Christina Florez

for completing the

Traffic Engineering Analysis Process & Report Module 2

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

Professional Development
Hours (PDHs) Awarded: 3

Polycarpus
Authorized Instructor

John Hitt
Authorized Instructor

Robert B. Smith
Authorized instructor



Certificate of Completion

presented to

Christina Florez

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: December 3, 2018
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3

Polycarpus
Authorized Instructor

John Hitt
Authorized Instructor

Robert B. Smith
Authorized instructor



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Christina Florez
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

4/5/2021 to 4/5/2025
Training Valid Through

Baton Rouge, LA
Location

Robert B. Smith
Director of Training
John Hitt
President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.





Certificate of Completion

presented to

Julian Bordelon

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: July 1, 2019
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 2.5


Authorized Instructor


Authorized Instructor


Authorized instructor



Certificate of Completion

presented to

Julian Bordelon

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: July 1, 2019
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3.5


Authorized Instructor


Authorized Instructor


Authorized instructor



Certificate of Completion

presented to

Julian Bordelon

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: July 2, 2019
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3.5

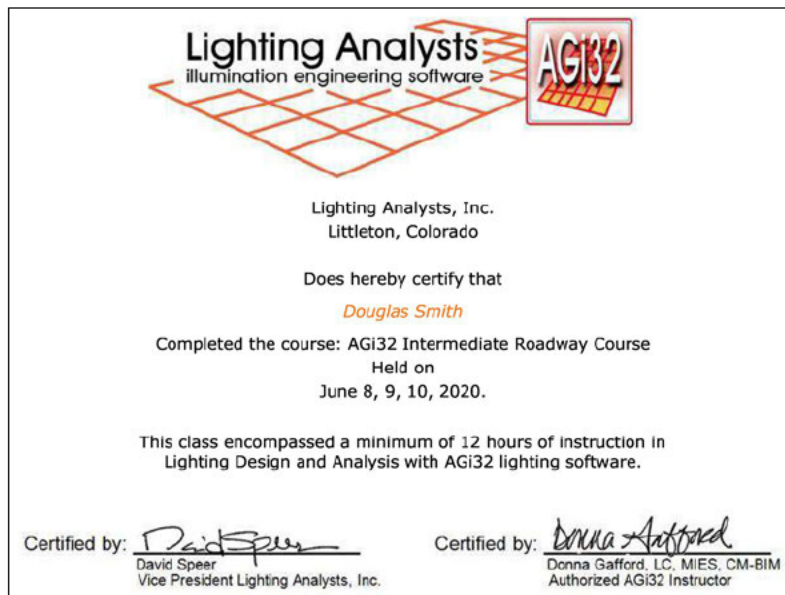
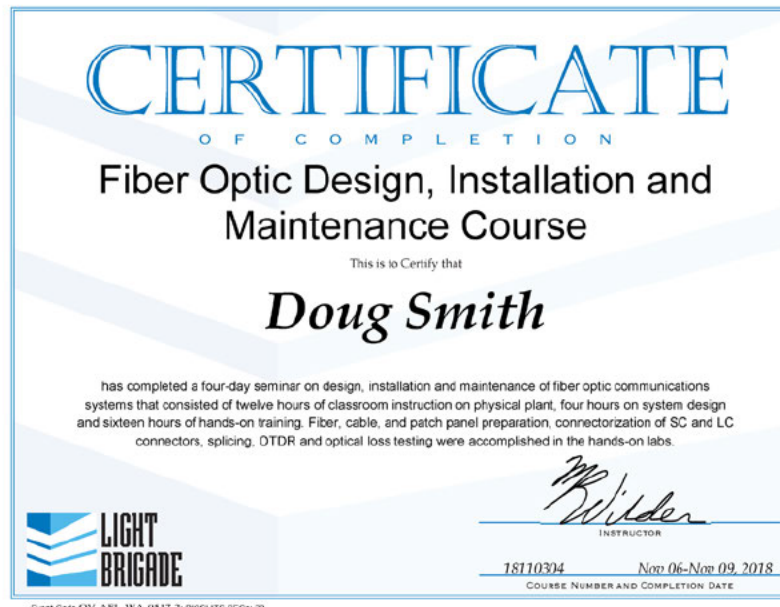

Authorized Instructor


Authorized Instructor


Authorized instructor

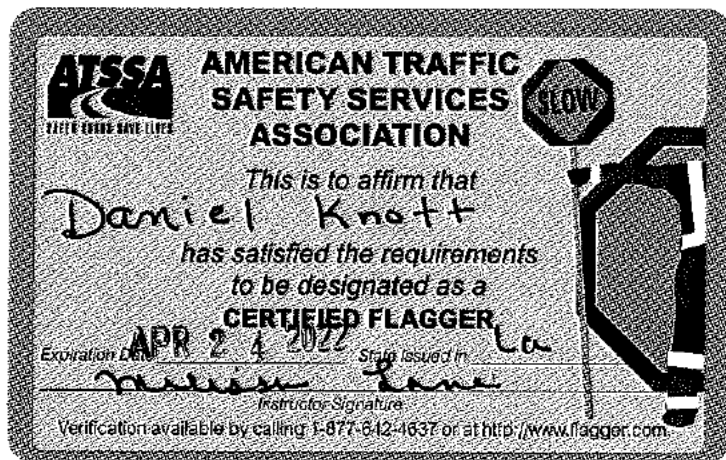


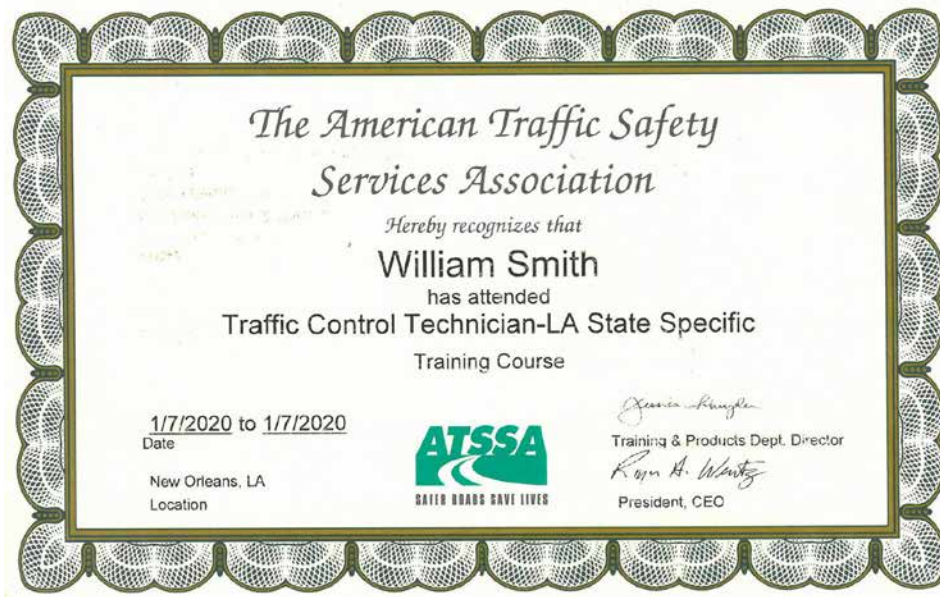














21. QA/QC Plan and/or Work Plan:

Our team will provide a thorough QC Plan upon contract award.



22. Sub-consultant Information:

Firm Name (as registered with Louisiana's Secretary of State)	Address	Point of Contact and email address	Phone Number
Michael Baker International	2600 Citiplace Drive, Suite 450 Baton Rouge, LA 70808	Daniel Thornhill, P.E. daniel.thornhill@mbakerintl.com	225.218.2846

(Add rows as needed)



23. Location:

[REDACTED]





Gresham Smith

Genuine Ingenuity

Alpharetta, GA
Atlanta, GA
Baton Rouge, LA
Birmingham, AL
Charlotte, NC
Chattanooga, TN

Chicago, IL
Cincinnati, OH
Columbus, OH
Dallas, TX
Ft. Lauderdale, FL
Jackson, MS

Jacksonville, FL
Knoxville, TN
Lexington, KY
Louisville, KY
Memphis, TN
Miami, FL

Nashville, TN
Orlando, FL
Richmond, VA
Suwanee, GA
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