

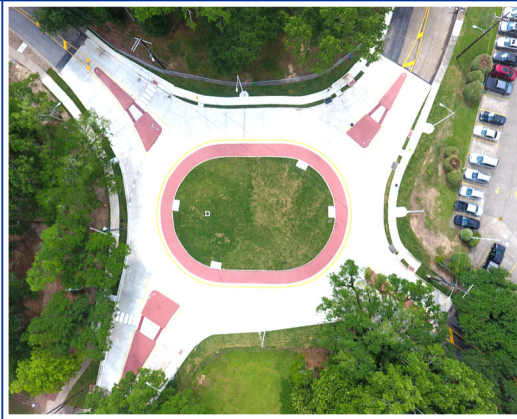


STATEMENT OF QUALIFICATIONS

Contract No. 4400026468

IDIQ Contract for Construction Engineering and Inspection Services for Safety Projects (CE&I)

Statewide with Majority of Work in Districts 03, 07, and 08



Submitted To:

Department of Transportation and Development

Consultant Contract Services Administrator

1201 Capitol Access Road, Room 405-E

Baton Rouge, LA 70802

Email: DOTDConsultantAds80@la.gov

Submitted By:

ECM Consultants, Inc.

8048 One Calais Ave, Suite F, Baton Rouge, Louisiana 70809

Telephone: 225-615-7885 Fax: 225-615-8548

Kazem@ecmconsultants.com

In Association with:

APS Design and Testing, LLC (DBE)

Arcadis U.S. Inc.

Aucoin & Associates, Inc.

April 11, 2023

ECM Consultants, Inc.

Engineers • Architects • Construction Managers

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Department of Transportation and Development

Attention: Mr. Michael "Mike" Gorbaty

April 11, 2023

Consultant Contract Services Administrator

1201 Capital Access Road, Room 405-E

Baton Rouge, LA 70802

Email: DOTDConsultantAds80@la.gov

**Re: Statement of Qualifications for
Contract No. 4400026468
IDIQ Contract for Construction Engineering and
Inspection Services for Safety Projects (CE&I)
Statewide with majority of work in Districts 03, 07, and 08**

Dear Mr. Gorbaty,

ECM Consultants, Inc., a Louisiana based consulting engineering firm, is pleased to submit an electronic PDF of our Statement of Qualifications in DOTD Form 24-102, dated January 1, 2023, in response to your Request for Qualifications for the above-referenced contract.

ECM has extensive experience in providing Construction Engineering & Inspection (CE&I) services for Safety Projects for Districts 03, 07, and 08. Under our current contract for safety projects, ECM provided construction engineering and inspection services for sidewalks/road improvements, signing/pavement markings including ADA compliant crosswalks, roundabouts and high friction roadway surfaces installation etc. ECM also provided CE&I services for many safety projects under a contract with LADOTD for Safe Route to School Program

Other roadway projects that included CE&I services are, Fleur de Lis Dr. for City of New Orleans-DPW/LADOTD, Pecue Lane/1-10 Interchange Phase II, for LADOTD, Taft Road, Gravier Street, and many minor streets for DPW-City of New Orleans and Severn Avenue for Jefferson Parish DPW/LADOTD.

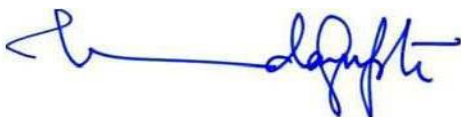
Our staff includes highly qualified professionals with the required licenses, LADOTD certified inspectors in all categories, and experience in providing exceptional CE&I services to LADOTD. The ECM Team is comprised of [APS Engineering & Testing, LLC \(DBE\)](#), to provide Field and material laboratory testing, [Arcadis U.S. Inc.](#), for electrical for traffic signalization and ITS and [Aucoin & Associates, Inc.](#), to provide surveying services.

As our Statement of Qualifications will indicate, ECM Team substantially exceeds the minimum personnel requirements as stated in the Request for Qualifications.

We appreciate the opportunity to submit our statement of qualifications and hope our interest will receive favorable consideration. We are committed to providing exceptional professional services and continuing our excellent working relationship with LADOTD.

Should you have any questions or require any additional information, please contact us.

Respectfully submitted,



Ujjal Dasgupta, P.E.
President

DOTD FORM: 24-102

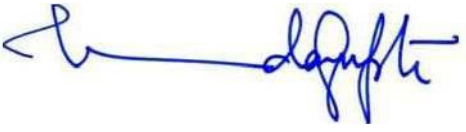
PROPOSAL TO PROVIDE CONSULTANT SERVICES

(Revised January 1, 2023)

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.

1. Contract title as shown in the advertisement	IDIQ Contract for Construction Engineering and Inspection Services for Safety Projects (CE&I) Statewide with Majority of Work in Districts 03, 07, and 08
2. Contract number(s) as shown in the advertisement	4400026468
3. State Project Number(s), if shown in the advertisement	
4. Prime consultant name (name must match as registered with the Louisiana Secretary of State where such registration is required by law)	<i>ECM Consultants, Inc.</i>
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.0002003 DUNS: 957392723
6. Prime consultant mailing address	1301 Clearview Parkway, Suite 200 Metairie, LA 70001
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	8048 One Calais Ave, Suite F, Baton Rouge, Louisiana 70809
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Kazem Alikhani, P.E. CEO O: (504) 885-4080, C: (504) 352- 8531 kazem@ecmconsultants.com

<p>9. Name, title, phone number, and email address of the official with signing authority for this proposal</p>	<p>Ujjal DasGupta, P.E., President O: (504) 885-4080, C: (504) 231-7605 ujjal@ecmconsultants.com</p>	
<p>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.</p>	<div style="text-align: center;">  </div> <p>Signature (shall be the same person as #9):</p> <p>Date: April 11, 2023</p>	
<p>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.</p>	<p><u>Firm(s):</u></p> <p>APS Engineering and Testing, LLC</p>	<p><u>Firm(s)' %:</u></p> <p>4%</p>

12.Past Performance Evaluation Discipline Table:

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

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

Past Performance Evaluation Discipline(s)	% of Overall Contract	Prime ECM	Firm B APS (DBE)	Firm C Aucoin	Firm D Arcadis	Each Discipline must total to 100%
CE&I/OV	85	100				100%
Survey	6			100		100%
ITS	5				100	100%
Other (Material Testing)	4		100			100%
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%	85%	4%	6%	5%	-----

13. Firm Size:

For all firms that are part of this team, indicate the approximate number of personnel to be committed to this contract, by DOTD Job Classification and the total number of personnel within the firm that could provide support, if needed. If a specialized job classification is required and not included on the DOTD job classification list, specify “Other (please specify)” and include the classification title inside the parentheses.

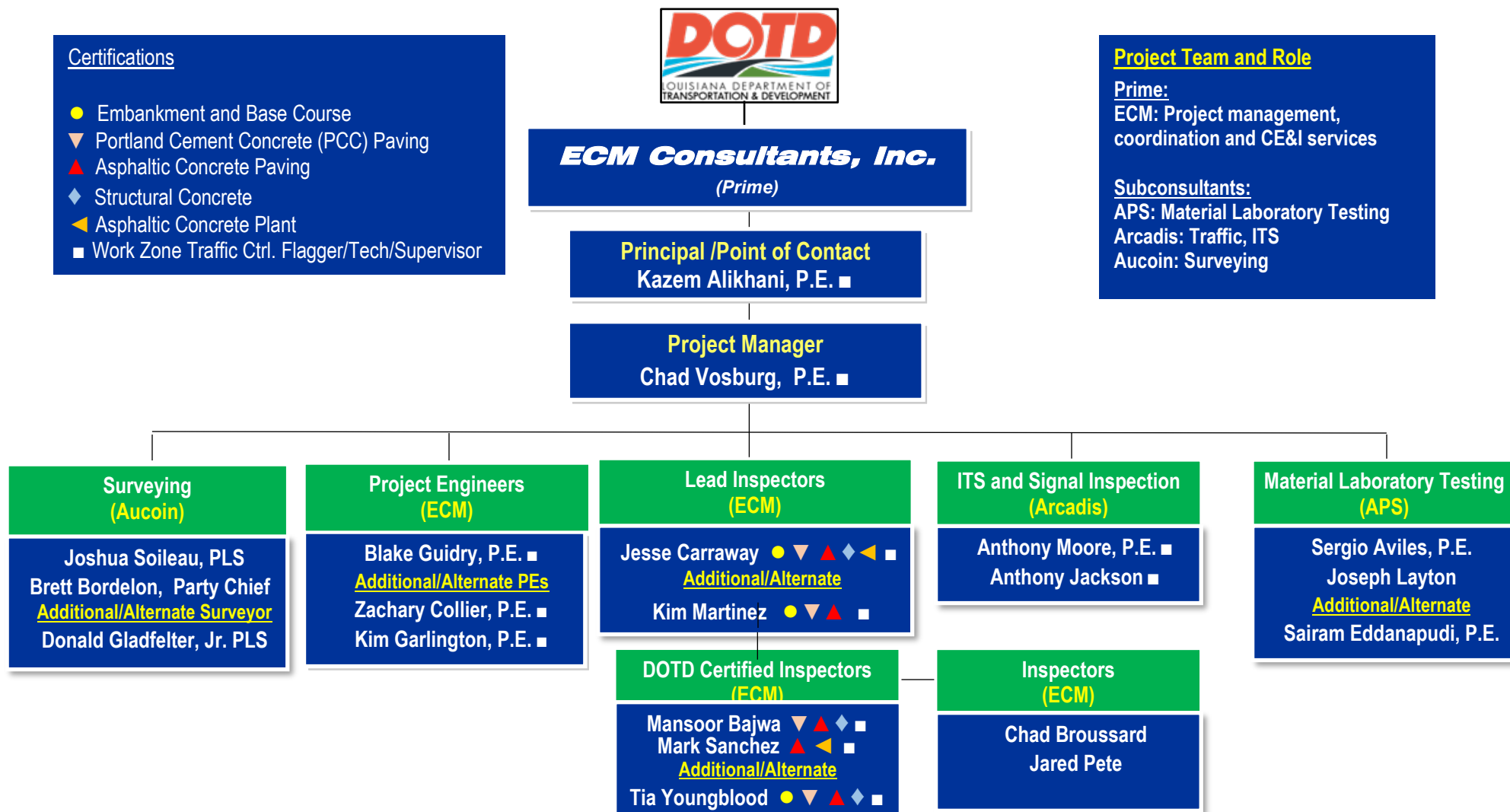
The DOTD Job Classification(s) to be used can be found at the following link:

http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descriptions.pdf

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
ECM Consultants, Inc.	Principal	1	2
ECM Consultants, Inc.	Supervisor Engineer	2	6
ECM Consultants, Inc.	Engineer	2	5
ECM Consultants, Inc.	Administrative	1	3
ECM Consultants, Inc.	Inspector - Lead	2	4
ECM Consultants, Inc.	Inspector - Certified	2	9
ECM Consultants, Inc.	Inspector	2	12
ECM Consultants, Inc.	Supervisor-Other	1	2
ECM Consultants, Inc.	Senior Technician	1	3
A P S	Engineer	1	5
A P S	Technician	2	12
Aucoin & Associates, Inc.	Surveyor	1	2
Aucoin & Associates, Inc.	CADD Operator	1	1
Aucoin & Associates, Inc.	Party Chief	1	2
Aucoin & Associates, Inc.	Rodman	1	2
Arcadis	Senior Technician	1	5
Arcadis	Engineer	1	9

14. Organizational Chart:

Provide an organizational chart showing ALL **relevant** prime consultant and sub-consultant (if applicable) personnel assigned to the contract, area of project responsibility for each, and reporting lines for the purposes of this contract. An individual's role does not necessarily have to match their DOTD job classification identified in Section 13. **If applicable, identify all personnel performing traffic engineering analysis and/or QC of traffic engineering analysis by placing an asterisk next to their name. Include the certificates required by the Traffic Engineering Process and Report Training Requirements article of the Advertisement in Section 20.** It is acceptable to use an 11x17 format for Section 14.



15. Minimum Personnel Requirements:

Use the table below to identify both prime consultant and sub-consultant staff designated to work on this contract meeting the Minimum Personnel Requirements (MPRs) specified in the advertisement. Ensure the résumé reflects the required experience stated in the MPR. Make sure the P.E. discipline is also listed (highlighted in table) that is meeting the MPR; e.g. professional civil engineer should show the discipline of the license as civil if meeting that MPR.

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1.	Kazem Alikhani, P.E. (44 years' experience)	ECM Consultants, Inc. (Prime)	Professional Engineer (P.E.) PE. # 0025073 – Mechanical and Environmental	LA	PE.0025073 Exp. 03/31/2024
2.	Chad Vosburg, P.E. (29 years' experience)	ECM Consultants, Inc. (Prime)	Professional Engineer (P.E.) PE. # 0027677 - Civil	LA	PE.0027677 Exp. 09/30/2024
3	Kim Garlington, P.E. (38 years' experience)	ECM Consultants, Inc. (Prime)	Professional Engineer (P.E.) PE. # 0023848 - Civil	LA	PE.0023848 Exp. 09/30/2024
	Blake Guidry, P.E. (10 years' experience)	ECM Consultants, Inc. (Prime)	Professional Engineer (P.E.) PE. # 0041362 - Civil	LA	PE.0041362 Exp. 09/30/2023
4	Chad Vosburg, P.E. (29 years' experience)	ECM Consultants, Inc. (Prime)	Professional Engineer (P.E.) PE. # 0027677 - Civil	LA	PE.0027677 Exp. 09/30/2024
	Blake Guidry, P.E. (10 years' experience)	ECM Consultants, Inc. (Prime)	Professional Engineer (P.E.) PE. # 0041362 - Civil	LA	PE.0041362 Exp. 09/30/2023
	Zachary Collier, P.E. (10 years' experience)	ECM Consultants, Inc. (Prime)	Professional Engineer (P.E.) PE. # 0042957- Civil	LA	PE.0042957 Exp. 03/31/2025
5	Anthony Moore, P.E. (24 years' experience)	Arcadis, U.S., Inc.	Professional Engineer (P.E.) PE. # 0037887 - Civil	LA	PE.0037887 Exp. 09/30/2023

16. Staff Experience:

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

Firm employed by ECM Consultants, Inc.				
Name	Kazem H. Alikhani, P.E.		Years of relevant experience with this employer	7
Title	Chief Executive Officer		Years of relevant experience with other employer(s)	37
Degree(s) / Years / Specialization		M.S./1984/Engineering Concentration in Civil, Hydraulic & Hydrology B.S./1980/Mechanical Engineering		
Active registration number / state / expiration date		PE 25073/Louisiana/Exp. 03/31/2024		
Year registered	1992	Discipline	Mechanical & Environmental Engineering	
Contract role(s) / brief description of responsibilities		Mr. Alikhani will serve as Principal/POC for this contract. He is a registered Professional Engineer. He meets MPR No. 1.		
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 years of experience specified in the applicable MPR(s).			
44 years of experience	<i>Mr. Alikhani has over 44 years of experience in public works projects including planning, design, and construction management. He spent a majority of his career working with the Jefferson Parish Department of Public Works and retired as the Director of Public Works, responsible for all public works functions</i>			
04/19-06/20	Intersection Upgrade N Canal & 7th St., Lafourche Parish, LA: Mr. Alikhani served as Principal for this safety project which is part LA DOTD Safe Routes to Public Places Program . Work on this project included installation of new turn lanes, traffic signals, sidewalks, and handicapped curb ramps. The project also included installation of new drainage pipes and structures and milling and overlay.			
09/16-11/17	Glen Oaks Drive (Plank Rd. to McClelland Dr.), Baton Rouge DPW, Baton Rouge, LA: Mr. Alikhani provided project oversight for this \$10M project involving engineering design for construction of a three-lane concrete curb and gutter roadway with sidewalks and subsurface drainage on Glen Oaks Dr. from Plank Rd. to McClelland Dr. Glen Oaks is a one-mile existing Urban Collector roadway. Design included Improvements to several intersections and addition of dedicated turn lanes at three intersections . Scope also included topographic survey, subsurface drainage system design and H&H analysis.			
08/19-08/20	St. Tammany Parish Signing and Striping, St. Tammany Parish, LA: Mr. Alikhani served as Principal for this safety project which is part LA DOTD Safe Routes to Public Places Program . This project includes implementation of safety features such as radar speed signs and flashing curve warning signs in several locations across the parish			
09/20-03/21	Local Roads High Friction Surface Treatment (HFST) Lafayette, LA: ECM provided engineering design services for this \$204,000 Local Roads Safety program project that provided a High Friction Surface Treatment (HFST) to nine (9) curves in Lafayette parish that have been identified as having abnormal crash data. Work included the application of a high friction surface treatment, pavement markings, and signs to 0.817 miles of local roads.			

10/16-02/18	Gravier Street (South Galvez to Broad St), New Orleans, LA: Mr. Alikhani managed this \$5.8 million roadway reconstruction project. ECM was responsible for overall performance of design and resident inspection services for the project that included roadway removal, roadway excavation, installation of new subsurface drainage 18" to 42" dia, 20" dia waterline, 8"- 15" sewer lines. Work included subbase, aggregate base, PCC roadways pavement, concrete sidewalks including ADA ramps at all intersections and driveways.
10/18-03/20	City Park Group A, New Orleans, LA: Mr. Alikhani is the Principal in Charge for civil engineering design and construction inspection services for this \$2.3 million City Park Group A project. The project scope includes full reconstruction of Taft Pl, Allard Blvd and St John Ct and incidental patching for other streets in City Park Group A project. The project included design and preparation of plans, specifications, and cost estimates; hydraulic analysis to determine size of drain lines and number of catch basins for St John Ct and 900 Taft Pl; replacement of all water and sewer mains; and removal and reconstruction of sidewalks and grassy median. Some streets under this project are in Parkview Historic District and the design for this followed all the required FEMA guideline for the Historic Area.
03/14 - ongoing	Destrehan Avenue Bike Path (4th Street to Patriot Street): Mr. Alikhani is serving as Project Manager and providing design services for this project. Scope of work includes design for a 5 feet wide bike path on both side along the Destrehan Avenue. Bike Path are being designed following the ADA and DOTD requirements. The project also consists of necessary drainage for bike path construction, striping and solar powered high visibility flashing lights at crossing.
11/16- 07/19	Fleur De Lis Drive Reconstruction (30th-Old Hammond Hwy), LADOTD; Orleans Parish, LA: Mr. Alikhani served as Project Manager for this \$12 million PCCP roadway project providing construction administration and CE&I services for reconstruction of Fleur de Lis drive, a main artery in a residential corridor. The project scope includes roadway removal, excavation, grading, class II base course, superpave asphaltic concrete pavement, Portland cement concrete pavement, as well as ADA accessible sidewalks, curb and gutter, driveways and removal/replacement of sewer force mains, water mains, drain lines and drainage structures. Mr. Alikhani oversaw, managed the project supervised construction engineer and the inspectors and ensuring proper oversight of contractors' operations, maintaining documentation, preparing field changes and recording change orders, coordinating testing/sampling, conducting meetings, and communicating with City and LADOTD coordinators.
05/18 – 10/22	Oakwood Smart Growth – Hector Avenue Improvements (Whitney Ave. to Terry Parkway): Mr. Alikhani served as Project Manager for providing design and construction inspection services for this project. Scope of work includes design for a 12-foot wide pervious concrete shared-use pedestrian/bike path on the north side of Hector Avenue from Whitney Avenue to Terry Parkway with a pedestrian bridge crossing the canal at Wright Avenue. It also includes five 115-foot long parking bays on the north side of Hector Ave. Where parking bays are not added, the road will be widened by two feet using pervious concrete for drainage. The project also includes creating a pedestrian walkway on the south side of the roadway, striping and solar powered high visibility flashing lights on the pavement, landscaping, trees, and green areas along both sides of the roadway.

16. Staff Experience:

Firm employed by		ECM Consultants, Inc.	
Name	Chad Vosburg, P.E.	Years of relevant experience with this employer	4
Title	Vice President of Construction Services	Years of relevant experience with other employer(s)	25
Degree(s) / Years / Specialization		B.S. / 1993 / Civil Engineering	
Active registration number / state / expiration date		PE 27677 / LA / 09-2024	
Year registered	1994	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Mr. Vosburg will serve as Project Manager for this contract. He meets MPR Nos. 2 and 4.	
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 years of experience specified in the applicable MPR(s).		
29 years of experience	<i>Mr. Vosburg has more than 29 years of professional engineering experience in project management, civil engineering, construction contract administration, and CE&I services during his 25-year career with LADOTD. His experience includes bridges, highways, elevated highways, on and off ramps and local streets projects. As former District 61 Administrator for LADOTD, he provided leadership and directed all DOTD activities including project scoping, budget estimates, engineering design reviews. coordination and construction administration for District 61 projects.</i>		
04/19-06/20	Intersection Upgrade N Canal & 7th St., Lafourche Parish, LA: Mr. Vosburg served as Point of Contact for this safety project which is part LA DOTD Safe Routes to Public Places Program . He worked with Zach Collier who was responsible for contract administration including inspection scheduling, contractor payment, creation of change orders, document management and project closeout documentation for final acceptance, including the 2059. Work on this project included installation of new turn lanes, traffic signals, sidewalks, and handicapped curb ramps. The project also included installation of new drainage pipes and structures and milling and overlay.		
09/19-05/20	Raceland and Bayou Blue Sidewalks, Lafourche Parish, LA: Mr. Vosburg served as Point of contact for this \$1.05 M sidewalk and drainage project which is part LA DOTD Safe Routes to School Program. He worked with Zach Collier who was responsible for contract administration including inspection scheduling, contractor payment, creation of change orders, document management and project closeout documentation for final acceptance, including the 2059. This project included nearly 3000 feet of new drainage and 2 mile of sidewalks which included ADA compliant pedestrian facilities.		
09/17-09/18	Essen Lane Widening: LADOTD, East Baton Rouge Parish, LA, SP No. H.01056: Essen Lane Widening: LADOTD, East Baton Rouge Parish, LA, SP No. H.01056: Mr. Vosburg served as District Administrator for this construction inspection project. The work included a series of projects and phases that involved coordination and Project Development with the design team, utility companies, Our Lady of the Lake Hospital, and significant public outreach. The project converted a 4 lane section with a center turn lane to a 6 lane section with a center turn lane for a 1 mile section between I-10 and Perkins Road. In order to be successful the project had to be broken down to 3 separate projects and completed in the following 3 main phases. The first involved widening		

	<p>near I-10. The second included widening the bridge over Ward's Creek and moving utilities, and the third was the actual widening of Essen Lane throughout the corridor. During this project we learned that it is far better to separate work into phases, communicate each phase via public outreach to stakeholders, the public and the hospital, then proceed with work accordingly. This project was successful due to the fact that prior to moving to the next phase, we cleared the way with utility movements and avoided contractor delays. We also coordinated and met with Our Lady of the Lake regularly to ensure that our work minimized the disruption to their services. This was a very progressive way to get the work completed and allowed the project to proceed with very positive feedback.</p>
01/16-07/18	<p>SP No. H.011224 US 190: Guard Rail, Rutting repair, and J-turns, LADOTD, Pointe Coupee Parish, LA: Mr. Vosburg served as DOTD District Administrator for this \$14 million construction project involving replacement of double sided three-beam rail throughout a 14-mile section. Repair work included removal of the existing guardrail, installation of new guardrail that met current safety standards, asphaltic pavement overlay, approach guardrail installation at bridge ends at all overpasses and at the Morganza Floodway Bridge. The project also included installation of J-turns inside the City limits of Livonia to improve left turning movements. Mr. Vosburg's role included development of the project scope, attendance of public meetings for DOTD, and he was responsible for Construction Contract Administration for the project.</p>
01/14-09/17	<p>Government St., East Blvd- Lobdell, LADOTD, East Baton Rouge Parish, LA/ Road Transfer Project: , Mr. Vosburg served as DOTD District Administrator for this project in conjunction with the City of Baton Rouge. In addition to preparing for Construction Engineering and Inspection work, Mr. Vosburg was also involved in Project Design and Development, Public Outreach, working with City officials, Public Meetings, and Design and Constructability reviews. Work included several phases where traffic lanes were adjusted to allow for the completion of the project section by section. The project included rehabilitating the existing pavement and implementing a "road diet" to incorporate bicycle and pedestrian friendly concepts. Approximately 4.2 miles of Government Street will be transformed into a more bike and pedestrian friendly corridor. A roundabout will replace the signalized intersection at Lobdell Avenue and Independence Park Boulevard. The turning geometry at Jefferson Highway will also be improved. Project Cost: \$11.7 million</p>
08/16-08/18	<p>I-10: Cable Barrier installation, LADOTD, West Baton Rouge and Iberville parishes, LA: Mr. Vosburg served as District Administrator for this construction inspection project that involved the installation of a cable safety barrier in the median for a 12-mile section, embankment, pavement patching, asphalt overlay, guard railings, emergency crossovers and related work. In addition to being responsible for the Construction Engineering and Inspection work, Mr. Vosburg also was involved in the Project Development that took place to meet safety initiative goals for LADOTD Cost: Const. \$3.8M</p>

16. Staff Experience:

Firm employed by		ECM Consultants, Inc.	
Name	Blake Guidry, P.E.	Years of relevant experience with this employer	5
Title	Project Engineer	Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization		B.S. / 2012 / Civil Engineering	
Active registration number / state / expiration date		PE 41362 / LA / 09-2023	
Year registered	2016	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Mr. Guidry will serve as Project Engineer. He meets MPR No. 3 & 4	
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 years of experience specified in the applicable MPR(s).		
11 years of experience	<p><i>Mr. Guidry has 11 years of engineering experience in design, construction Engineering and inspection (CE&I) and contract administration including 4 years with LADOTD. His project experience includes highway and bridge construction, roadway and bridge rehabilitation, drainage repair and enhancements, bridge deck polyester concrete overlays, utilities relocations, emergency reconstructions, access management projects, and pedestrian facility improvements.</i></p> <p><i>Mr. Guidry is certified ATSSA traffic Control Flagger, Technician and Supervisor</i></p>		
08/19 – 05/20	<p>Roundabout at Girard Park and Hospital Dr: Mr. Guidry served as Project Engineer for this construction inspection project involving the construction of a portland cement concrete pavement (PCCP) roundabout at the formerly four-way stop at Girard Park Drive and Hospital Drive. Work activities also included the installation of drainage pipe and erection of a structural retaining wall, signing, and striping. Mr. Guidry acted as the contact for the client, Lafayette Consolidated Government, and the LADOTD Project Coordinator. His responsible for contract administration included inspection scheduling, contractor payment, creation of change orders, document management and project closeout documentation for final acceptance, including the 2059.</p>		
04/21-02/22	<p>Lafayette MPO Non State Pavement Marking Mr. Guidry served as Project Engineer for the construction inspection project involving the removal and replacement of pavement markings, legends and symbols, and raised pavement markings on 9 routes controlled by Lafayette Consolidated Government. This project used safety funds and was advertised for construction through LADOTD. Mr. Guidry was responsible for construction administration including inspection management, contract administration, document and material management for final inspection and acceptance, and coordination between Lafayette Consolidation Government and LADOTD.</p>		
09/22-02/23	<p>Signing and Striping (Acadia) Mr. Guidry served as Project Engineer for the construction inspection project involving the removal and replacement of pavement markings, legends and symbols, raised pavement markings, and signs on 19 routes and curves deemed unsafe and owned by Acadia Parish. This project used safety funds and was advertised for construction through LADOTD. Mr. Guidry was responsible for construction administration including inspection management, contract administration, document and material management for final inspection and acceptance, and coordination between Acadia Parish Government and LADOTD.</p>		

11/22-present	Local Road Signing (Vermillion) Mr. Guidry currently serves as Project Engineer for the construction inspection project involving the removal and replacement of pavement markings, legends and symbols, raised pavement markings, and signs on 6 routes and curves deemed unsafe and owned by Vermillion Parish. This project used safety funds and was advertised for construction through LADOTD. Mr. Guidry is responsible for construction administration including inspection management, contract administration, document and material management for final inspection and acceptance, and coordination between Vermillion Parish Government and LADOTD.
11/22-present	Curve Signing and Striping (Evangeline) Mr. Guidry currently serves as Project Engineer for the construction inspection project involving the removal and replacement of pavement markings, legends and symbols, raised pavement markings, and signs on 17 routes and curves deemed unsafe and owned by Evangeline Parish. This project used safety funds and was advertised for construction through LADOTD. Mr. Guidry is responsible for construction administration including inspection management, contract administration, document and material management for final inspection and acceptance, and coordination between Evangeline Parish Government and LADOTD.
01/17-07/19	River Road: Florida to Phlox – Multi-use Path, East Baton Rouge Parish, LA: This project was a part of the road transfer agreement between LADOTD and the City of Baton Rouge that incorporated the road diet technique to construct a multi-use path, ADA accessible ramps and crosswalks, and rehabilitating the roadway on River Road (US-61X). Mr. Guidry served as the Project Engineer and was responsible for overseeing contract administration, inspection, and coordinating with the City of Baton Rouge to ensure an acceptance and transfer between the two entities.
03/17-07/18	HQ Disability Access for Sidewalks Mr. Guidry served as Project Engineer for this project including repairing and installing ADA compliant pedestrian facilities, drainage work, and concrete pavement patching at DOTD Headquarters. The project required coordination and specific sequencing that allowed ADA facilities to always be accessible for employees entering and exiting LADOTD headquarters while under active construction. This project required new sidewalks, handicap ramps, handicap parking spots, stairways and handrails, and an ADA accessible crosswalk and speed table. Mr. Guidry was active in the construction in ensuring ADA facilities were built to compliance and to solve multiple issues that presented themselves when trying to retrofit existing ADA facilities that were not in compliance.

16. Staff Experience:

Firm employed by ECM Consultants, Inc.				
Name	Zachary Collier, P.E.		Years of relevant experience with this employer	4
Title	Project Engineer		Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization			B.S. / 2014 / Civil Engineering	
Active registration number / state / expiration date			PE 42957/ LA / 03-31-2025	
Year registered	2018	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Mr. Collier will serve as Project Engineer (Additional/Alternate) under this contract. Mr. Collier has the following certifications: Work Zone Traffic Control Flagger, Technician, and Supervisor. He meets MPR No. 4.	
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 years of experience specified in the applicable MPR(s).			
9 years of experience	<i>Mr. Collier has 9 years of experience in providing CE&I services including DOTD projects. His experience include construction of roads and bridges, drainage and utilities relocations and new construction. He has and currently is serving as Project Engineer for several major roads and bridge projects for LADOTD.</i>			
09/19-5/20	Raceland and Bayou Blue Sidewalks, Lafourche Parish, LA: Mr. Collier served as Project Engineer for this \$1.05 M sidewalk and drainage project which is part LA DOTD Safe Routes to School Program. This project included nearly 3000 feet of new drainage and 2 mile of sidewalks which included ADA compliant pedestrian facilities.			
11/17–3/18	Headquarters Sidewalks, East Baton Rouge Parish, LA: Mr. Collier served on the Project Engineering team for this project. This project included repairing and installing ADA compliant pedestrian facilities, drainage work, and concrete pavement patching at DOTD Headquarters.			
04/19-11/19	Audubon Avenue and Ardoyne Drive, Mini-Roundabout, Lafourche Parish, LA: Mr. Collier served as Project Engineer for this roundabout project which is part LA DOTD Safe Routes to School Program. This project also included ADA compliant pedestrian facilities.			
04/19-11/19	St. John the Baptist Parish Sidewalks, St. John the Baptist Parish, LA: Mr. Collier is serving as Project Engineer for this sidewalk and bike path project which is part of the LA DOTD Safe Routes to School Program. This project includes ADA compliant pedestrian facilities and a multi-use path.			
11/17–03/18	Headquarters Sidewalks, East Baton Rouge Parish, LA: Mr. Collier served on the Project Engineering team for this project. This project included repairing and installing ADA compliant pedestrian facilities, drainage work, and concrete pavement patching at DOTD Headquarters.			
07/19-01/20	Peltier Park Sidewalks, Lafourche Parish, LA: Mr. Collier served as Project Engineer for this sidewalk project which is part LA DOTD Safe Routes to School Program. This project includes ADA compliant pedestrian facilities.			

06/19-02/20	North Kenner Pedestrian Safety Improvements, Jefferson Parish, LA: Mr. Collier served as Project Engineer for this sidewalk project which is part LA DOTD Safe Routes to School Program. This project includes ADA compliant pedestrian facilities.
08/19-08/20	St. Tammany Parish Signing and Striping, St. Tammany Parish, LA: Mr. Collier served as Project Engineer for this safety project which is part LA DOTD Safe Routes to Public Places Program. This project includes implementation of safety features such as radar speed signs and flashing curve warning signs in several locations across the parish.
10/17–10/18	Essen Lane Widening, East Baton Rouge Parish, LA: Mr. Collier served on the Project Engineering team for this \$8 million widening project. Work included adding an additional travel lane on northbound Essen Lane, new signalized intersections, new ADA ramps at all driveways and intersections, and additional drainage capacity.
10/17–8/18	River Road: Florida to Phlox – Multi-use Path, East Baton Rouge Parish, LA: This project included constructing a multi-use path, ADA accessible ramps and crosswalks, and rehabilitating the roadway on River Road (US-61X). Mr. Collier served as the Assistant Project Engineer and was responsible for overseeing contract administration, inspection, and final closeout.
02/18–05/18	I-110 Ramps at Convention and Florida, East Baton Rouge Parish, LA: As the Assistant Project Engineer Mr. Collier was responsible for the construction administration of this project. This project involved widening and rehabilitating the I-110 northbound exit ramp at Convention Street and the I-110 southbound entrance ramp at Florida Street.
04/19-06/20	Intersection Upgrade N Canal & 7th St., Lafourche Parish, LA: Mr. Collier served as Project Engineer for this safety project which is part LA DOTD Safe Routes to Public Places Program. This project includes the addition of two turn lanes, new signals, and ADA facilities at the intersection.
05/19-Present	Pecue Lane/I-10 Interchange Phase II: Bridges Over I-10, East Baton Rouge Parish, LA: Mr. Collier serves as the Project Engineer for this \$14.6 million overpass construction project which. This project includes two new multi-lane bridges over I-10 in Baton Rouge which will form the center of one of the state's first diverging diamond interchanges.
10/17–10/18	Government Street Rehabilitation, East Baton Rouge Parish, LA: Mr. Collier served on the Project Engineering team for this \$12 million project which consists of rehabilitating the sidewalks, driveways, and pavement on Government Street to add a bike lane and to create a more pedestrian friendly facility. This project also includes a roundabout at Government Streets intersection with Lobdell Avenue. Mr. Collier's responsibilities included making plan changes during construction to insure the project complied with ADA requirements
07/20-11/22	Severn Ave: Veterans to W. Esplanade, Jefferson Parish, LA: Mr. Collier served as the Project Engineer for this \$11.5 million complete street construction project. This project included PCC paving, major drainage improvements, ADA facilities, the addition of dedicated bike lanes, addition of turn lanes, traffic and pedestrian signals, street lighting and landscaping etc. Avenue. He provided CE&I services that includes project coordination, managing inspection services, data entry in SiteManager , manage RFIs and submittals, review monthly pay estimates, and keep concise record of all documents in chronological order so that project closeout documentation will be completed timely for final acceptance. He is also coordinated with DOTD, Parish and utility entities.
10/17–8/18	River Road: Florida to Phlox – Multi-use Path, East Baton Rouge Parish, LA: This project included constructing a multi-use path, ADA accessible ramps and crosswalks, and rehabilitating the roadway on River Road (US-61X). Mr. Collier served as the Assistant Project Engineer and was responsible for overseeing contract administration, inspection, and final closeout.

16. Staff Experience:

Firm employed by		ECM Consultants, Inc.	
Name	Kim Garlington, P.E.	Years of relevant experience with this employer	4
Title	Senior Construction Engineer	Years of relevant experience with other employer(s)	35
Degree(s) / Years / Specialization		B.S. / 1982 / Civil Engineering	
Active registration number / state / expiration date		PE 23848 / LA / 09-2024	
Year registered	1990	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Ms. Garlington will serve as Project Engineer (Additional/Alternate) on this contract. She meets MPR No. 3	
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 years of experience specified in the applicable MPR(s).		
38 years of experience	<i>Ms. Garlington is a Professional Civil Engineer with more than 38 years of bridge, elevated highway, and road construction. She worked for LADOTD for 35 years as the Head of Pavement and Geotechnical Design, Lab Engineer and then Project Engineer before she retired. Ms. Garlington is certified TCS and Flagger.</i>		
06/19-09/22	I-20 Interchange IMP & BAFB Access Road- Design-Build, LADOTD, Bossier Parish, LA. Ms. Garlington served as the Construction engineer for this \$84 million design-build project to construct a new I-220 extension South of I-20 that will provide access to Barksdale Air Force Base, adding access ramps and enhancing capacity at the I-20/220 interchange, and also includes bridge construction over the existing KCS railway and Musselshell bayou. This work includes 4 separate bridges to be constructed, including a NB and SB I-220 overpass over I-20, and a NB and SB overpass over the KCS railway crossing. This work includes pile driving, drilled shafts, installing prestressed concrete girders, steel girders, on grade roadway including earthwork, subbase and base, drainage, utilities relocation, PCC pavement, Asphaltic Concrete pavement. Ms. Garlington wrote the Quality Control portion of the Construction Quality Management Plan (CQMP) for the project as required by the LADOTD Construction Quality Assurance Plan (CQAP). Ms. Garlington utilized the LADOTD's Site Manager/Site Manager Materials/HEADLIGHT software daily. Ms. Garlington evaluates QC/QA test results and generates Materials Test reports, Construction Inspection reports and writes Non-Conformance Reports (NCR's) on materials and Construction activities when specifications are not met. Ms. Garlington has also assisted the OV Project Manager in revising the Materials Sampling Manual for Design Build Projects.		

09/14 - 08/16	LADOTD - Natchitoches Parish – LA 490, LA 119, LA 488, LA 1220, LA 493, LA 495, LA 120, LA 480: Ms. Garlington served as a Project Engineer for the overlay/reconstruction projects in the parish. Responsibilities included preconstruction design activities, plan review and administration of the construction contract. Work included clearing and grubbing, utility relocation, subgrade treatments, base rehabilitation, geosynthetic remediation measures, and asphalt pavement activities. Ms. Garlington utilized the Department's site manager software to draft change orders, review invoices and recommend contractor payments. Ms. Garlington also implemented the Department's Site Manager Materials software for quality assurance on several projects. During this time Ms. Garlington also managed a consultant contract with Pan American for CE&I work on an Interstate 49 signing replacement project. (H.003476) Work included reviewing invoices, consulting on change orders and recommending payment for the Consultant activities.
04/15 - 08/16	Interstate 49 North and South Bound – Concrete Patching in Natchitoches Parish: Ms. Garlington served as Project Engineer for the 35+ mile project to seal cracks, replace joint material and replace full or partial slabs of the interstate and on/off ramp system. Work included extensive survey to evaluate cracked panels, concrete sawing, material removal, concrete patching and incorporation of a new crack seal method for a test section of the roadway.
11/09 – 09/14	LADOTD – District 08 Construction Coordinator and Laboratory Engineer – 34 Projects in the District - Ms. Garlington attended all preconstruction meetings for the various gangs, provided sampling plans and documentation of Independent Assurance Testing of Materials required by FHWA. She supervised the District laboratory which provided materials testing for quality assurance of all materials utilized on District 08 projects. Ms. Garlington interacted with PE's and Area Engineers to resolve issues regarding failing materials and their use or removal on the projects. She directed staff during construction activities to test and approve borrow pits and implemented new materials management software. Ms. Garlington served on the Section 500 Asphalt Committee to rewrite the 2016 Specifications and consulted on with the Materials Laboratory on Section 300.
04/01 – 11/09	LADOTD - Administrator of the Pavement and Geotechnical Section – Ms. Garlington managed a staff of 19 employees with a \$94,000 yearly budget for travel and equipment. The Section was involved in design of all LADOTD geotechnical foundations, embankment slopes, walls and Pavements and the subsequent development of Special Provisions and testing programs utilized during construction. Ms. Garlington and the staff were involved in the initial stages of foundation Construction during the load testing and quality assurance of installed piles and drilled shafts. Ms. Garlington also administered three to five Consultant Retainer Geotechnical Explorations contracts valued at 16 million dollars. She was responsible for generating scope of services, the selection process, evaluating the deliverables, reviewing invoices and recommending payments.
12/03 – 12/05	LADOTD - Interstate 10 at Picardy Interchange MSE Wall Installation Issues – Ms. Garlington served as the Administrator of the Pavement and Geotechnical Section working with the Project Engineer to evaluate issues with the MSE Wall Installation. Several issues regarding stability of the walls, improper installation of the reinforcing strips, blocks not meeting specifications and special lightweight materials usage were addressed. Ms. Garlington evaluated construction records, reviewed procedures, plans and geotechnical data to determine remediation. Ms. Garlington also administered a specialty Geotechnical consultant contract that was issued to formulate precise monitoring plans for the walls and draft remediation procedures.

16. Staff Experience:

Firm employed by ECM Consultants, Inc.	
Name Jesse Carraway	Years of relevant experience with this employer 1
Title DOTD Certified Lead Inspector	Years of relevant experience with other employer(s) 17
Degree(s) / Years / Specialization High school Diploma	
Active registration number / state / expiration date NA	
Year registered	Discipline NA
Contract role(s) / brief description of responsibilities Mr. Carraway will serve as Lead Inspector .	
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 years of experience specified in the applicable MPR(s).
17 years of experience	<p>Mr. Carraway has over 17 years of experience in construction inspection services, as a certified engineering technician and senior inspector working for LADOTD. He has provided construction inspection for many bridges, roadways, and drainage projects in area of District 61. He has the following certifications:</p> <ul style="list-style-type: none"> • LADOTD Asphalt Paving Inspector • LADOTD Embankment and Base Course Inspector • LADOTD Structural Concrete Inspector • LADOTD PCC Paving Inspector • LADOTD Authorized Profilograph Evaluator PCC Paving • LADOTD Authorized Density Tester, and • ATSSA Certified Traffic Control Supervisor and Flagger.
12/22 -present	<p>LA 1: Leeville to Golden Meadow (Phase 2): Mr. Carraway is serving as Lead Inspector for this \$463 million Construction project that includes an 8.63 Mile long Concrete and Steel Structure elevated highway over the marshlands between the town of Leeville, LA and Golden Meadow, LA. The project is being constructed by “Top-Down” method of construction where a moveable temporary steel support bridge is built and occupied by the Contractor’s construction equipment, while the permanent concrete bridge is built below. The temporary steel support bridge is approximately 2,000 foot in length and will advance forward as the concrete bridge is built below. Construction for this elevated highway involves building the temporary steel support bridge to support all construction equipment; permanent concrete pile driving; installation of precast concrete pile caps; installation of precast concrete girders; pouring of concrete decks, concrete barrier rails and surface roadway both asphaltic concrete and PCC paving.</p>
03/11-12/13	<p>US 190: Left Turn lanes at LA 77 and LA78/LA411: Mr. Carraway provided construction inspection services as Lead LaDOTD inspector for this \$4.8 million project that consisted of a two-phase construction of the bridge and connecting roadway in the city of Livonia. Mr. Carraway maintained project DWRs, sampling and testing requirements, completed the 2059 report and prepared the as-builds for the project engineers signature at the close of the project.</p>
10/16-09/17	<p>LA 1: LA75 to US 190 Concrete Patching and Striping: Mr Carraway provided the construction inspection as the lead certified inspector on this \$3.1 million LaDOTD project. The project included the full depth patching of jointed concrete pavement and installing new striping on the</p>

	<i>length of the project. Mr. Carraway maintained project DWRs, all sampling and testing, and daily quantities. He compiled and completed the 2059 report and prepared the As-builts for the project engineer's signature.</i>
09/15-02/16	LA 417 and LA 982: Stabilize and overlay: Mr. Carraway provided construction inspection services as Lead LADOTD inspector for this multi control section \$5.6 million project that involved cement treated base course, asphalt paving and related work. Mr Carraway completed work reports, sampling and testing, 2059 report, and prepared the as-builts for the Project Engineer's signature for this project.
01/16-10/17	LA 404: Bayou Choctaw Bridge: Mr. Carraway served as the senior technician on this \$2.6 million LADOTD project. The scope of this project included building a temporary bridge and roadway, the construction of a new flat deck bridge, and connecting roadway along with related work. Mr. Carraway's duties on this project included monitoring construction activities for conformance with contract plans and specifications, reviewing Headlight DWRs, reviewing samples, compiling and completing the 2059 report and as-builts.
08/11-02/12	LA 1: LA 75 to Port Allen Canal Bridge: Mr. Carraway has provided Inspection as senior technician and as lead technician services for this \$9.1 million project that consists of milling, asphalt overlay, concrete patching, and related work. He was responsible for inspecting contractors' works, completing project DWRs, maintaining sampling and testing documents for the 2059, and documenting changes of the plans for the as-builts.
04/12-07/13	US 190: Rougon Road - to .5 miles west of LA 978: Mr. Carraway served as senior technician for this \$18.0 million ongoing LADOTD project involving the new construction of turn lanes at LA 978, asphalt paving and guard rail replacement. In addition to other inspection services, Mr. Carraway reviewed Headlight DWRs and maintains 2059 documentation.
08/12-12/13	LA 411 and LA 413 Patch, mill, overlay: Mr. Carraway served as the Lead LADOTD inspector for this \$11.8 million project that consisted of multiple control sections on two separate routes. A section of LA 413 consisted of subbase lime treatment and the entirety of LA 413: from LA 416 to LA 76, consisted of a cement treated base course with four inches of asphalt and cross drain extensions and replacement where required. One section of LA 413, La 416 to Flynn Road, it was decided to add an additional 2-4 inches of asphalt due to heavy truck traffic the area experiences. LA 411 consisted of milling, leveling to bring the super elevation of the curves within specification, and four inches of asphalt. In addition to the inspection Mr. Carraway completed site manger DWRs, made sure that the sampling and testing requirements were met, put together and completed the 2059 report, and prepared the as-builts.
12/13-10/14	LA 1 Port Allen Bridge. INT Repairs (HBI): Mr. Carraway served as senior technician on this \$3.5 million LA DOTD project. The project included hydro blast demolition of the existing joints, and the replacement of the joint with a high early concrete. Mr. Carraway served as senior technician to the engineer intern over the project. His other duties were to assist the engineer intern in the completion of the 2059 report and the preparation of the as-builts.

16. Staff Experience:

Firm employed by		ECM Consultants, Inc.	
Name	Kim Martinez	Years of relevant experience with this employer	12
Title	Lead DOTD Certified Inspector	Years of relevant experience with other employer(s)	30
Degree(s) / Years / Specialization		High School Diploma	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Ms. Martinez will serve as a Lead Inspector (Additional/Alternate) for this project.	
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 years of experience specified in the applicable MPR(s).		
42 years of experience	<p>Ms. Martinez has 42 years of experience in performing construction inspection of roads and bridges, drainage and utilities construction projects involving monitoring and documenting daily construction activities for conformance with plans and specifications and documenting daily activities in Site Manager data base. She has the following certification:</p> <ul style="list-style-type: none"> • LADOTD Asphalt Paving Inspector • PCC Paving Inspector • Embankment and Base Course Inspector • ATSSA Work Zone Traffic Control Flagger, Technician & Supervisor • Nighttime Traffic Control, and • OSHA-10 		
05/20- 09/22	<p>Severn Avenue Corridor Improvement, Jefferson parish-DPW/LADOTD, Jefferson, LA; Ms. Martinez served as the Lead Certified Inspector for this \$14 million project. Scope of project included removal and replacement of existing PCC pavement with new PCC pavement, replacement and upgrade of subsurface drainage system, sidewalks with 8' wide brick paver sidewalks, ADA compliant ramps, striping, crosswalks at intersections, driveway aprons, corridor improvements to facilitate new bike lane, addition of Turn Lane at 17th street and West Esplanade, streetscaping, new street lighting, pedestrian lighting and pedestrian signals. Ms. Martinez monitored contractors' operations, provided daily documentation in Site Manager, prepared field changes and records change orders, and assists in coordinating sampling and testing.</p>		
11/16—5/18	<p>S.P. No. H.007259: Fleur De Lis Drive Reconstruction (30th-Old Hammond Hwy), (CE&I), LADOTD; Orleans Parish, LA: Ms. Martinez provided construction inspection services as Lead certified Inspector for this \$12 million PCC roadway reconstruction of Fleur de Lis Drive, a main artery in a residential corridor. The project included subsurface drainage, drainage structures and utilities, grading, class II base course, superpave asphaltic concrete pavement, PCC pavement, as well as ADA accessible ramps, sidewalks, curb and gutter, driveways and removal/replacement of sewer force mains and water mains. Ms. Martinez monitored contractors' operations, provided daily documentation in Site Manager, prepared field changes and records change orders, and assisted in coordinating sampling and testing.</p>		
02/18-08/18	<p>S.P. No. 009250 I-10: Highland to LA 73 Design-Build Project, LADOTD, East Baton Rouge/Ascension Parish, LA. Ms. Martinez is serving as Certified Inspector for this \$72 million design-build project to widen I-10 from four to six lanes in both east and westbound directions, add deceleration and acceleration lanes at the Highland Road and LA 73 interchanges, roadway lighting replacement, and bridge modifications including replacing I-10 bridge over Highland Road, widening and rehabilitating I-10 bridge over Bayou Manchac and rehabilitating LA 928 over I-10, and replacing I-10 over LA 73.</p>		

06/16-11/17	DPW No. 2000-B01: Gravier St. (S. Galvez to Broad St) City of New Orleans-DPW, LA: Ms. Martinez provided inspection services for this \$5.8 million roadway reconstruction project involving roadway removal, new subsurface drainage , 20" waterline, sewer lines, PCC roadways pavement , concrete sidewalks and driveways. She served as the primary construction inspector on site, monitored, prepared daily reports, computed quantities of work items, reviews monthly pay estimates and coordinates with Project Engineer and contractor.
10/18- 03/20	Taft Place Reconstruction – City Park Neighborhood – Group A FEMA Funded Roadway Capital Improvements Program, New Orleans, LA: Ms. Martinez provided construction inspection for this \$2.3 million Tuft Street reconstruction project which is a part of the City Park neighborhood roadway improvement program. The project scope included removal and reconstruction of 800 and 900 blocks of Taft Place including the intersections at Dumaine street, Allard Blvd., Dumaine and St John Court and other street intersections. Work for roadway reconstruction included PCC paving , roadway intersections with handicap ramps conforming to current ADA standards, new sidewalk, driveways and subsurface drainage .
06/08-08/13	S.P. No. 713-38-0001, Doullut Canal Bridge, (CE&I), Plaquemines Parish, LA, Ms. Martinez served as Construction Inspector for this \$12 million project involving the construction of a movable steel girder bridge over Doullut Canal to replace an existing bridge. This 150-foot unequal arm steel swing span is operated by dual hydraulic motors. Project included driving piles, concrete piers, steel girder bridge, operator's house and PCC bridge approaches. ECM also provided paint inspection of all girders for the swing bridge in addition to the steel grid flooring.
02/11-08/13	I-10 Calcasieu River Bridge Repairs, LADOTD, S.P. No. H.003203.6, (CE&I), Calcasieu Parish, LA: Ms. Martinez provided construction inspection services for this \$7.8 million repair work at I-10 Calcasieu River Bridge , involving main truss connection repairs, saddle bearing repairs, cleaning and removal of lead based paint, painting of truss connections, pin plate connection repairs, anchor bolt repairs, trestle bent connection repairs, deck joint repairs , bridge handrail repairs, and roadway pavement joint repairs . She was responsible for maintaining construction field records, inspecting contractor's construction operations, daily inspection of traffic control signs and barricades and daily work reports.
02/07-06/08	S.P. No. 742-55-0004: Westside Blvd Road Extension (Marie Dr to St. Louis Canal); LADOTD, Terrebonne Parish, LA: Ms. Martinez provided inspection services for this \$2.8 million roadway project involving construction of new PCC pavement roadway for extension of the existing Westside Blvd from Marie Dr to St. Louis Canal. Scope of work included new drainage system, utilities, unclassified excavation, grading, lime treatment, class II base course, PCC Pavement , Superpave asphaltic concrete shoulders , and associated items. She provided inspection services for compliance with contract documents, documentation and daily reports, reviewed pay estimates and monitored contractor activities.
12/10-08/13	S.P. No. 742-52-0012: I-10 SW Frontage Road Extension, (CE&I), LADOTD; Slidell, LA: Ms. Martinez provided inspection services for \$3 million new road and bridge construction of 0.988 miles of I-10 SW Frontage Rd extension and accompanying 7-span bridge . Scope of work for the roadway included grading and earthwork, lime treatment, base course, PCC paving , pavement markings, and permanent signing. Scope also included driving concrete piles, cast-in-place concrete deck, concrete wing walls, PCC approach slabs, guardrails, and striping. She prepared daily reports, reviewed pay estimates, monitored contractor activities and coordinated with the Project Engineer.
01/12-06/13	S.P. No. 742-38-0006: F. Edward Hebert Boulevard Improvements, (CE&I), LADOTD; Belle Chasse, LA: Ms. Martinez provided construction inspection services for this project, which includes new concrete roadway , overlaying asphalt roadway , excavation, embankment, grading, class II base course, drainage, and utilities. She provided inspection services, documentation and prepared daily reports, monitored contractor activities and reviewed pay estimates.

16. Staff Experience:

Firm employed by		ECM Consultants, Inc.	
Name	Mansoor Bajwa, E.I.	Years of relevant experience with this employer	7
Title	DOTD Certified Inspector	Years of relevant experience with other employer(s)	20
Degree(s) / Years / Specialization		B.S / 1978 / Civil Engineering	
Active registration number / state / expiration date		41304 / MD / Does not expire	
Year registered	2012	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Mr. Bajwa will serve as a Certified Construction Inspector on this project.	
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 years of experience specified in the applicable MPR(s).		
27 years of experience	<p>Mr. Bajwa has more than 27 years of experience in the fields of construction engineering and construction inspection. His experience includes inspection of bridge construction including pile installations, bents, girders and deck, surface roadways, drainage and utilities. He has the following certifications:</p> <ul style="list-style-type: none"> • LADOTD Structural Concrete Inspector • LADOTD Asphaltic Concrete Paving Inspector • LADOTD PCC Paving Inspector • LADOTD Authorized concrete Field Tester, and • ATSSA Work Zone Traffic Control Flagger, Technician, Supervisor 		
01/15 – 05/18	Youth Study Center Streets: Mr. Bajwa provided inspection services on this project involving roadway improvements to Davey St., Encampment St., Cadillac St., and Milton St. in the St. Bernard Neighborhood. General improvements included resurfacing of asphalt pavement involving coldmill and overlay, replacing damaged sidewalks and driveway aprons, and providing ADA ramps at all intersections.		
12/13-10/14	P2P- Baronne, Burgundy and South Peters Streets: Mr. Bajwa served as Senior Construction Inspector for this project. Project scope included asphaltic concrete pavement, PCC pavement, patching, ADA compliant ramps, and pavement markings. Duties included monitoring work for compliance with approved plans, specifications, and city standards. He calculated quantities of work done and recorded in Daily Reports. Mr. Bajwa also performed field acceptance testing and sampling of materials to implement LADOTD Sampling Plan.		
08/12-12/13	French Quarter Street Overlay, LADOTD, New Orleans, LA: Mr. Bajwa served as Senior Construction Inspector for this project and provided inspection of asphaltic concrete pavement, PCC pavement, utility structure adjustments, ADA compliant ramps, and pavement markings. His duties included monitoring ongoing work being performed by the contractor for compliance with approved specifications, plans, standards and relevant regulations. He measured and calculated quantities of work done and recorded when the work was complete in Daily Reports. Mr. Bajwa also performed field acceptance testing and sampling of materials to implement the Sampling Plan of LADOTD for Quality Assurance for all items of work included in this project.		

08/11-02/12	Reconstruction of Holiday Drive, City of New Orleans-DPW No. 086, New Orleans, LA: Mr. Bajwa served as Construction Inspector for the reconstruction of Holiday Drive with asphaltic concrete paving. He monitored ongoing work for compliance with approved specifications, plans, and standards. He measured and calculated quantities of work done for different items; monitored contractor's progress as compared to approved schedule and prepared progress reports; reviewed change order requests; and prepared as-built plans.
04/12-07/13	Submerged Roads, Phase B, LADOTD, New Orleans, LA Mr. Bajwa served as Senior Construction Inspector for this project, providing inspection of asphaltic concrete pavement, PCC pavement, patching, ADA compliant ramps, and pavement markings. Duties included monitoring ongoing work being performed by the contractor for compliance with approved plans, specifications, and standards. He calculated quantities of work done and recorded in Daily Reports. Mr. Bajwa also performed field acceptance testing and sampling of materials to implement LADOTD Sampling Plan for QA of all work items included in the project.
02/18 -05/20	N. Flannery/Firewood/Cloverland Bridges, LADOTD, East Baton Rouge Parish, LA: Mr. Bajwa served as lead construction inspector for this project that involves the complete replacement of the N. Flannery, Firewood and Cloverland bridges. The project includes the removal of existing bridge structures, construction of new bridge substructure & superstructure components, adjacent embankments & roadway. Mr. Bajwa provided quality assurance inspection services monitoring construction activities for conformance with contract documents, preparing daily diary, maintaining work quantity records, reviewing pay estimates, coordinating testing services and maintaining all documents.
01/16-10/17	Rafe Meyer Bridges Reconstruction, LADOTD, Baker, LA: Mr. Bajwa provided construction inspection for this project involving demolition and construction of two off-system bridges for LADOTD in East Baton Rouge Parish. The project included precast concrete pile driving, cast-in-place concrete bents, decks, approach slabs, safety rails and asphaltic concrete roadway transition. He was responsible for quality assurance inspection services monitoring construction activities for conformance with contract documents, preparing daily diary, maintaining work quantity records, reviewing pay estimates, coordinating testing services and maintaining all documents.
09/15-02/16	SSO Program, City of Baton Rouge/East Baton Rouge Parish DPW, Baton Rouge, LA: Mr. Bajwa provided construction inspection for projects under the Sanitary Sewer Overflow Program. The scope of work for these projects consisted of construction and/or rehabilitation of gravity sewers, force mains, wastewater pump stations, and wastewater treatment plant facilities. Mr. Bajwa's responsibilities included inspection of asphalt overlays and road repair and subsurface drainage associated with the projects.

16. Staff Experience:

Firm employed by		ECM Consultants, Inc.	
Name	Mark Sanchez	Years of relevant experience with this employer	3
Title	DOTD Certified Inspector	Years of relevant experience with other employer(s)	37
Degree(s) / Years / Specialization		High school Diploma	
Active registration number / state / expiration date		NA	
Year registered		Discipline	NA
Contract role(s) / brief description of responsibilities		Mr. Sanchez will serve as a DOTD Certified Inspector for this project.	
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 years of experience specified in the applicable MPR(s).		
40 years of experience	<p><i>Mr. Sanchez has 40 years of experience in performing construction inspection of roads and bridges, drainage and utilities construction projects involving monitoring and documenting daily construction activities for conformance with plans and specifications. He has the following certification:</i></p> <ul style="list-style-type: none"> • LADOTD Asphalt Paving Inspector • LADOTD Asphalt Plant Inspector/Technician • ATSSA Work Zone Traffic Control Flagger, Technician & Supervisor • OSHA-10 		
04/21-2/22	Lafayette MPO Non-State Route Pavement Markings, Lafayette Parish, LA: Mr. Sanchez served as the lead inspector for this \$1.4 million pavement markings project. This project involved removing and replacing existing pavement markings on 9 local roads in Lafayette Parish. He provided inspection services that includes daily monitoring construction activities for compliance with plans and specifications, preparing a daily diary, keeping track of daily work item quantities, attending progress meetings, maintaining all construction field records requests, and reviewing monthly pay estimates. The project was for Lafayette Consolidated Government through LADOTD.		
05/20- 07/20	I-220 / I-20 Interchange Improvement & BAFB Access, Bossier City, LA: Mr. Sanchez provided inspection services for this project. This project consisted of concrete piles, drilled shafts, concrete and asphalt paving. Mr. Sanchez inspected pile driving operations and asphalt paving operations.		
06/18 -05/20	N. Flannery/Firewood/Cloverland Bridges, East Baton Rouge Parish, LA: Mr. Sanchez is provided Inspection services for the replacement of three bridges in East Baton Rouge Parish. He is responsible for inspecting construction work for compliance with plans and specifications, prepare daily reports, keeping track of quantiles of pay items, personnel and equipment used by the contractor etc.		
07/19 – 04/20	Southern University Erosion / Road Improvement, East Baton Rouge Parish: Mr. Sanchez was lead inspector for this project. This project consisted of removing a temporary bridge and replacing it with reinforced concrete box culverts. It also entailed embankment, base course, asphalt paving and drainage structures. Mr. Sanchez provided inspection on base course operations, asphalt paving operation and installation of box culverts.		

01/19 – 07/19	La 431 @ La 934 Intersection Improvement, Ascension Parish, LA. Mr. Sanchez was lead inspector on this project. This project consisted of drainage structures, embankment, replacing traffic signals, base course and asphalt paving. Mr. Sanchez provided inspection of excavation operations, drainage structure installation, Replacement of traffic signal, asphalt paving and striping of roadway.
05/18- 07/19	I-110 Interchange Modifications at Terrace Ave., (CE&I), Baton Rouge, LA: Mr. Sanchez provided inspection services for this \$8.80 million I-110 Terrace Ave Interchange Project that will provide connectivity from I-110 southbound to the existing I-10 eastbound at the Washington Street exit. The project consists of an exit ramp that will be constructed on the left side of I-110 southbound allowing traffic to exit onto Terrace Ave. Nineteen drill shafts will be utilized. The production shafts consist of 6-24" shafts, 2-36" shafts, 2-48" shafts and 9-96" shafts ranging in length from 55' to 102'. Additionally, this project will also include a widening of the I-110 southbound roadway span, installation of signage and the installation of poles with new camera equipment to monitor traffic
02/18-05/18	SSO Program, City of Baton Rouge/East Baton Rouge Parish-DPW, Baton Rouge, LA: Mr. Sanchez served as Inspector for projects for roadway restorations after installation of gravity sewer lines and force mains under the SSO Program. He monitored placement of base course and asphaltic concrete paving for roadway restorations and prepared daily inspection reports.
01/11-12/17	Engineering Technician, Asphalt Plant: Mr. Sanchez sampled and ran DSR tests on blended liquid asphalt and aided in the designing of Job Mixes. He ran gradations, sampled hot mixes and ran tests to determines the specific gravity of the mix for bricks and to determine voids on compacted mix. He worked on roadway cores, trimming them and placing them in an oven to dry prior to testing. When tests indicated mixes were out of specifications, he determined what changes needed to be made to get the mix into specification. He ensured all relevant paperwork was completed.
12/15-11/17	Area Field Quality Control Manager & Asphalt Plant Quality Control Technician, While working with Coastal Bridge Company, Mr. Sanchez's responsibilities included supervising Field QC personnel to ensure they were performing as directed/needed on the project and to ensure that density tests were run and documented. Additionally, Mr. Sanchez acted as a Field QC Technician on projects as needed and he also kept track of Field QC Technicians timesheets.
08/15-04/17	LA. 1, LA 6–LA 75: Road Rehabilitation for Iberville Parish . Mr. Sanchez was the QC technician for Coastal Contractors for this project, that included the reconstruction of 9.5 miles of roadway, along with the construction of a at grade Railroad tie-in at the Union Pacific railroad crossing located near Evergreen Road. This work included check grade, coordination with Railroad flagman, coordination with DOTD staff, meeting ride tolerances, and all pavement specifications to produce a quality tie in at the rail crossing at this location. Mr. Sanchez was responsible for the overall quality for this project, which exceeded all ride tolerance specifications.
07/80- 01/11	LADOTD Certified Asphalt Plant Inspector: While working for LADOTD, Mr. Sanchez's responsibilities included working at various asphalt plants to ensure the contractors adhered to all LADOTD specifications. He ran all tests on hot mixes alongside contractors' technicians in order to obtain accurate test results. His responsibilities also included completing all paperwork and delivering samples to the DOTD lab.

16. Staff Experience:

Firm employed by		ECM Consultants, Inc.	
Name	Tia Youngblood	Years of relevant experience with this employer	3
Title	DOTD Certified Inspector	Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization		Bachelor's Degree Industrial Engineering Technology from Northwestern State University	
Active registration number / state / expiration date		NA	
Year registered		Discipline	NA
Contract role(s) / brief description of responsibilities		Ms. Youngblood will serve as a DOTD Certified Inspector (Additional/Alternate) for this project	
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 years of experience specified in the applicable MPR(s).		
5 years of experience	<p><i>Ms. Youngblood has little over 5 years of experience in construction inspection of Highways, Roads and Bridges, drainage, and utilities construction. She has the following certifications:</i></p> <ul style="list-style-type: none"> • LADOTD Asphalt Paving Inspector • LADOTD PCC Paving Inspector, • LADOTD Embankment and Base Course Inspector • LADOTD Structural Concrete Inspector • LADOTD Authorized Concrete Field Tester, and • ATSSA Certified Flagger, Supervisor 		
06/20-09/22	<p>I-20 Interchange IMP & BAFB Access Road- Design-Build, LADOTD, Bossier Parish, LA. Ms. Youngblood served as a DOTD Certified Inspector for this \$71 million design-build project to construct a new I-220 extension South of I-20 that will provide access to Barksdale Air Force Base, adding access ramps and enhancing capacity at the I-20/220 interchange, and also includes bridge construction over the existing KCS railway and Musselshell bayou. This work included 4 separate bridges, including a NB and SB I-220 overpass over I-20, and a NB and SB overpass over the KCS railway crossing. This work included pile driving, drilled shafts, installing prestressed concrete girders, steel girders, on grade roadway including earthwork, subbase and base, drainage, utilities relocation, PCC pavement, Asphaltic Concrete pavement. Ms. Youngblood performed inspections for Embankment, PCC and Asphaltic Concrete pavement and Pile driving,. She also inspected different concrete structures and performed field test on concrete as Authorized Concrete Field Tester</p>		
07/18-09/18	<p>I-49 Pavement Marking Replacement IV: This was a moving operation on an multi lane Interstate. Ms. Youngblood Supervised the removal and replacement of all pavement markings; also, the reflectivity tests on striping. She also was a part of design and checking traffic control utilizing her ATSSA Traffic Control Technician Certification.</p>		
04/19-08/19	<p>LA 1226 & LA 1227: Project included Lime treated subbase, Cement treat Base, Drainage system replacement, and asphalt wearing/surface course. Ms. Youngblood assisted in supervising all construction areas: the replacement of all drainage systems, layout and testing of all subbase and base course, and laying of asphalt concrete. Training for her DOTD IRI, Embankment and Base Course, Asphalt Paving, and Nuclear Device; Certifications.</p>		
10/19-03/20	<p>LA 153: JCT LA 9 to Five Forks Road: Project included Lime treated subbase, Cement treat Base, Drainage system replacement, asphalt overlay, and asphalt wearing/surface course; on a high-volume road. Ms. Youngblood inspected all aspects of this DOTD project.</p>		
07/18-06/20	<p>LA-120 Bridges near Provencal: Ms. Youngblood assisted in supervising construction areas dealing with: Pile Driving, Bridge Structure form Inspection, and Box culvert inspection. She also ran the concrete field test for this project.</p>		

16. Staff Experience:

Firm employed by		ECM Consultants, Inc.	
Name	Chad Broussard	Years of relevant experience with this employer	2
Title	Inspector	Years of relevant experience with other employer(s)	19
Degree(s) / Years / Specialization		High School Diploma	
Active registration number / state / expiration date		NA	
Year registered		Discipline	NA
Contract role(s) / brief description of responsibilities		Mr. Broussard will serve as an Inspector 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 years of experience specified in the applicable MPR(s).		
21 years of experience	<i>Mr. Broussard has 21 years of experience in performing construction inspection of roads and bridges, drainage and utilities construction projects involving monitoring and documenting daily construction activities for conformance with plans and specifications. He is a certified ATSSA Work Zone Traffic Control Flagger, Technician & Supervisor</i>		
11/21- 10/22	Fenton Elementary Sidewalks, Jefferson Davis Parish, LA: Mr. Broussard served as the inspector for this \$433k sidewalk project. The project consisted of sidewalk and drainage installation in and around the Elementary School in Fenton, LA. This was a part of the Safe Routes to Schools program and involved both the local entity and LADOTD. Mr. Broussard’s inspection duties included daily monitoring of construction activities for compliance with plans and specifications, preparing a daily diary, keeping track of daily work item quantities, attending progress meetings, maintaining all construction field records,		
04/21-2/22	Lafayette MPO Non-State Route Pavement Markings, Lafayette Parish, LA: Mr. Broussard served as the inspector for this \$1.4 million pavement markings project. This project involved removing and replacing existing pavement markings on 9 local roads in Lafayette Parish. He provided inspection services that includes daily monitoring construction activities for compliance with plans and specifications, preparing a daily diary, keeping track of daily work item quantities, attending progress meetings, maintaining all construction field records requests, and reviewing monthly pay estimates. The project was for Lafayette Consolidated Government through LADOTD.		
07/22 – ongoing	LA 98: Roundabout at Mills Street, Lafayette Parish, LA: Mr. Broussard serves as the inspector for this \$3.1 million roundabout at the intersection of Mills Street and LA 98 (Gloria Switch Rd.) This project consists of roundabout construction involving PCC Paving and Asphalt Paving, Base and Subbase Work, Drainage Installation, and Signing and Striping. Mr. Broussard’s inspection duties include daily monitoring of construction activities for compliance with plans and specifications, preparing a daily diary, keeping track of daily work item quantities, attending progress meetings, maintaining all construction field records, and reviewing monthly pay estimates.		
09/19- 06/21	Pecue Lane/I-10 Interchange Phase II: Bridges Over I-10, East Baton Rouge Parish, LA: Mr. Broussard served as an Inspector for this \$14.6 million overpass construction project included two new multi-lane bridges over I-10 in Baton Rouge. He provided inspection services that included daily monitoring construction activities for compliance with plans and specifications, preparing a daily diary, keeping track of daily work item quantities, attending progress meetings, maintaining all construction field records, and reviewing monthly pay estimates.		
02/18-05/20	I-10 Widening between I-49 and the Basin Bridge, Lafayette & St. Martin Parish, LA: Mr. Broussard served as Field Engineer for James Construction Group performing quality control and testing. He oversaw testing, quantity tracking, and material invoices for this project.		

16. Staff Experience:

Firm employed by ECM Consultants, Inc.			
Name	Jared Pete		Years of relevant experience with this employer
Title	Inspector		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		B.A. Construction Management	
Active registration number / state / expiration date		NA	
Year registered		Discipline	NA
Contract role(s) / brief description of responsibilities		Mr. Pete will serve as an Inspector .	
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 years of experience specified in the applicable MPR(s).		
10 years of experience	<i>Mr. Pete has 10 years of experience in performing construction inspection of roads and bridges, electrical, drainage and utility work including construction projects involving monitoring and documenting all construction activities for conformance with plans and specifications and documenting daily activities in SiteManager data base. He has ACI certifications.</i>		
04/19- 06/20	Safe Routes – Intersection Upgrade N Canal & 7th Street: Mr. Pete served as an inspector for this project included installation of new turn lanes, traffic signals, sidewalks and handicapped curb ramps. The project also included installation of new drainage pipes and structures and milling and overlay		
07/22- ongoing	LA 98: Roundabout at Mills Street, Lafayette Parish, LA: Mr. Pete is serving as the secondary inspector for this \$3.1 million roundabout at the intersection of Mills Street and LA 98 (Gloria Switch Rd.) This project consists of roundabout construction involving PCC Paving and Asphalt Paving, Base and Subbase Work, Drainage Installation, and Signing and Striping. Mr. Pete’s inspection duties include daily monitoring of construction activities for compliance with plans and specifications, preparing a daily diary, keeping track of daily work item quantities, attending progress meetings, maintaining all construction field records, material testing, and reviewing monthly pay estimates.		
12/22-04/23	Vermillion Parish Signing and Striping, Vermillion Parish, LA: Mr. Pete served as the lead inspector on this \$332 signing and striping project in Vermillion Parish. This project was part of LADOTD’s safety program and focused on 6 sites that had abnormal crash data. Mr. Pete’s inspection duties include daily monitoring of construction activities for compliance with plans and specifications, preparing a daily diary, keeping track of daily work item quantities, attending progress meetings, maintaining all construction field records, and material testing.		
09/22-02/23	Acadia Parish Signing and Striping, Acadia Parish, LA: Mr. Pete served as the lead inspector on this \$672K signing and striping project in Acadia Parish. This project was part of LADOTD’s safety program and focused on 17 sites that had abnormal crash data. Mr. Pete’s inspection duties include daily monitoring of construction activities for compliance with plans and specifications, preparing a daily diary, keeping track of daily work item quantities, attending progress meetings, maintaining all construction field records, and material testing.		
02/18-05/20	Jude and Placide Rd. Bridges, Vermillion Parish, LA: Mr. Pete served as the secondary inspector on this \$1.5 Million off-system bridge project consisting of 2 flat-deck bridges in Maurice and Erath, LA. Mr. Pete’s inspection duties include daily monitoring of construction activities for compliance with plans and specifications, preparing a daily diary, keeping track of daily work item quantities, attending progress meetings, maintaining all construction field records, and material testing.		

16. Staff Experience

Firm employed by Aucoin & Associates, Inc			
Name	Joshua P. Soileau, PLS		Years of relevant experience with this employer 26
Title	Professional Land Surveyor		Years of relevant experience with other employer(s) 0
Degree(s) / Years / Specialization		Civil Engineering Technology/ 1997, and BS/ Business Administration/ 2020	
Active registration number / state / expiration date		PLS # 5242/LA/03.31.2025	
Year registered	2020	Discipline	Professional Land Surveyor
Contract role(s) / brief description of responsibilities		Supervision of field surveys, ROW/Property surveys and office support	
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 years of experience specified in the applicable MPR(s).		
06/20-06/22	T.O. H.012295.5 New Iberia Sidewalks. Professional surveyor of record for this 18 mile long topographic survey along the LA 182 couplet (Main & St. Peter Street) through the downtown area of the City of New Iberia consisting of establishment of horizontal G.P.S. control monuments with closure sketch; establishment of looped vertical T.B.M. control grid; complete topographic survey of roadway and sidewalks from building face to building face or R.O.W. to R.O.W.; preparation of digital terrain model ((D.T.M.); processing, plotting and preparation of CAD files and drawings for in excess of 40,000 data points collected by the topographic survey.		
01/21-03/21	S.P. H.014235 - DOTD Federal Aid Off System Highway Bridge Program, Jefferson Davis Parish. Survey supervisor for topographic survey for 1 bridge replacement site		
01/19-11/19	S.P. H.013120.5-DOTD Federal Aid Off-System Highway Bridge Program, Rapides Parish. Provided field survey supervision for the topographic survey for 1 bridge structure		
01/19-12/19	S.P. H.013127.5- DOTD Federal Aid Off-System Highway Bridge Program, Ouachita Parish. Provided field survey supervision for the topographic survey for 2 bridge structures		
01/20-04/20	Calcasieu Parish Police Jury-Big-Woods Starks Bridge Replacement. Field Survey Supervisor for topographic survey on 1 bridge replacement site. Calcasieu Parish Police Jury utilizes survey scope and procedures very similar to those utilized for the DOTD Federal Aid Off-System Bridge Replacement Program.		
10/09-05/10	S.P. 700-99-0391, T.O. No. 701-65-1374, US 165, Jefferson Davis Parish. Field Supervisor for topographic survey on 4 bridge replacement sites		
01/20-04/20	Boan Construction, Evangeline Parish. Field Survey Supervisor for 7.3-mile route survey for installation of 20" pipeline including alignment sheets, right of way maps, permit maps, as-builts mapping and weld map		
01/13-12/18	Boardwalk Louisiana Midstream, Calcasieu Parish. Field Survey Supervisor for approximately 20 miles of route surveys and topographic surveys for storage facility including alignment sheets, right of way maps, permitting, topographic and as-built maps		
02/16-02/17	Bilwood Smith, Jefferson Davis Parish. Field Supervisor for 88 acre and 17-acre boundary and topographic survey for RV park and future subdivision development.		
05/08-10/10	CLECO Power, LLC, Acadia, Lafayette, Iberia, and St. Martin Parish. Field Supervisor for Acadiana Load Pocket Project consisting of approximately 48 miles of route survey and right of way mapping for construction of overhead transmission lines		
01/07-01/08	Petrologistics, Calcasieu Parish. Field Supervisor for approximately 15 mile route survey for multi-pipeline corridor including alignment sheets, right of way maps, permitting, topographic and as-built maps		

Prime consultant name: **ECM Consultants, Inc.**

16. Staff Experience

Firm employed by Aucoin & Associates, Inc.			
Name	Brett Bordelon		Years of relevant experience with this employer
Title	Survey Party Chief		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		High School Diploma	
Active registration number / state / expiration date		NA	
Year registered	NA	Discipline	NA
Contract role(s) / brief description of responsibilities		Survey Party Chief	
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 years of experience specified in the applicable MPR(s).		
06/20-01/22	S.P. 4400011230, T.O. H.012295.5, New Iberia Sidewalks. Instrument man for topographic survey along approximately 18 miles of urban roadway inclusive of establishment of horizontal G.P.S. control monument system; establishment of a looped vertical control grid; data collection of in excess of 40,000 data points associated with a proposed sidewalk construction project.		
09/22-10/22	H.011994.5-DOTD On-System Bridge Program, St. Landry Parish. Instrument man for topographic survey for 1 bridge replacement site		
08/22-11/22	H.012530.5-DOTD On-System Bridge Program, Lafourche Parish. Instrument man for topographic survey for 4 bridge replacement sites		
10/22-11/22	H.012532.5-DOTD On-System Bridge Program, St. Landry Parish. Instrument man for topographic survey for 1 bridge replacement site.		
01/21-02/21	H.014235.5-DOTD Off-System Highway Bridge Program, Jefferson Davis Parish. Instrument man for topographic survey for 1 bridge replacement site		
02/21-03/21	H.014273.5 -DOTD Federal Aid Off-System Bridge Program, Avoyelles Parish. Instrument man for topographic survey for 1 bridge replacement site		
04/21-05/21	H.014337.5-DOTD Federal Aid Off-System Bridge Program, Lafayette Parish. Instrument man for topographic survey for 1 bridge replacement site		
01/19-02/19	H.013120.5- DOTD Off-System Highway Bridge Program, Rapides Parish. Instrument man for topographic survey for 1 bridge replacement site		
12/18-01/19	H.013140.5-DOTD Federal Aid Off-System Highway Bridge Program, Iberia Parish. Instrument man for topographic survey for 1 bridge replacement site		
01/19-02/19	H.013142.5-DOTD Federal Aid Off-System Highway Bridge Program, St. Martin Parish. Instrument man for topographic survey for 1 bridge replacement site		
01/19-02/19	H.013127.5-DOTD Federal Aid Off-System Highway Bridge Program, Ouachita Parish. Instrument man for topographic survey for 2 bridge replacement sites		

Prime consultant name: **ECM Consultants, Inc.**

16. Staff Experience

Firm employed by Aucoin & Associates, Inc.					
Name		Donald W. Gladfelter, Jr., PLS		Years of relevant experience with this employer	3
Title		Professional Land Surveyor		Years of relevant experience with other employer(s)	21
Degree(s) / Years / Specialization				BS/1999/Surveying	
Active registration number / state / expiration date				PLS # 4854/LA/09.30-2023	
Year registered		1999	Discipline		Surveying
Contract role(s) / brief description of responsibilities				Mr. Gladfelter will serve as Surveyor (Additional/Alternate) on this contract.	
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 years of experience specified in the applicable MPR(s).			
08/05-07/20		Pine Prairie Energy Center; Evangeline Parish. Survey professional of record for field surveying, mapping, associated permitting, alignment staking and as-builts mapping for the construction of approximately 72 miles of pipeline and 285 acres of topographic, boundary surveys and mapping for plant facility and cavern wells.			
06/13-08/20		Targa Resources, Inc./Phillips 66. Survey professional of record for pipeline, boundary and topographic surveys at approximately 50 locations within the State of Louisiana			
04/18-01/20		Entergy. Survey professional of record for 23 existing sub-station topographic and boundary surveys and 4 miles of fiber optic topographic and as-built maps			
04/13-08/17		Cleco. Survey professional of record for topographic surveys for approximately 50 miles of right of way electrical line installation for right of way maps			
01/00-06/16		Neumin Production Company/Coastal Plains Exploration. Survey professional of record for field surveying, mapping and wetland determination for over one hundred (100) unitizations and well locations throughout the State of Louisiana			
05/07-11/09		LDNR, Cameron/Creole Levee, Cameron Parish. Survey professional of record for topographic surveys and cross sections for 16 miles of levee deterioration analysis, benchmarks, construction oversight and as-builts mapping for construction and as-builts plan development.			
01/00-08/03		LDNR, Freshwater Bayou, Vermilion Parish. Survey professional of record for three (3) topographic surveys, boundary surveys, hydrographic surveys, benchmarks, mapping, cross-sections and data sets, construction oversight, and horizontal and vertical control accuracy standards for construction and as-builts plan development.			
06/00-02/02		Enron Broadband Services. Survey professional of record for approximately 240 miles statewide of field topographic surveying, associated with permitting (LDOTD), parish municipalities, drainage districts and railroads), staking and mapping for fiber optic cable located in the State of Louisiana.			

Prime consultant name: **ECM Consultants, Inc.**


Staff Experience:

Firm employed by ARCADIS			
Name	Anthony Moore, PE	Years of relevant experience with this employer	4
Title	Senior ITS Design Engineer	Years of relevant experience with other employer(s)	26
Degree(s) / Years / Specialization		BS / 1994 / Civil Engineering, University of Missouri	
Active registration number / state / expiration date		PE.0037887 / LA / Exp. 09/30/2023	
Year registered	2013	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities.		ITS Engineer. He meets MPR No. 5	
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 years of experience specified in the applicable MPR(s).		
30 years of experience	<p><i>Mr. Moore is a Transportation Engineer specializing in traffic engineering, design, signal timing development and deployment, construction, Intelligent Transportation System (ITS) design, construction and construction engineering, and inspection. He has more than 30 years of experience in the fields of traffic and safety analysis, signal design, and ITS design. He has five years of construction engineering and inspection (CE&I) experience with LADOTD ITS construction projects serving as a Project Engineer. His focus has been safety during construction and future maintenance of constructed components. He has successfully worked on projects across the country, such as the Louisiana Department of Transportation and Development (LADOTD), Florida DOT, Missouri DOT, Kansas DOT, Texas DOT, City of Kansas City, Missouri, City of Olathe, City of Gainesville, Florida, and Lee County, Florida. Other certifications include: ATSSA TCS, TCT, Flagger, IMSA Traffic Signal Technician Level II.</i></p>		
02/19 – 08/21	<p>US 190 ITS Deployment, LADOTD, West Baton Rouge, Pointe Coupee and Landry Parishes, LA / Project No. H.011505. <i>Project Engineer.</i> Provide construction management services to LADOTD on ITS expansion project that includes the installation of approximately 48 miles of fiber optic communications cable, the interconnection of four traffic signals onto the LADOTD communications network, and the installation of two communications HUB buildings. As Project Engineer, responsibilities include overseeing all aspects of construction and inspection including providing engineering support and quality control oversight to the contractor during construction, directing field inspectors, and maintaining project documentation required by LADOTD, including RFIs and shop drawings.</p>		
10/19 – 08/21	<p>Alexandria ITS Deployment Phase 3, LADOTD, Rapides Parish, LA / Project No.H.011505. <i>Project Engineer.</i> Provide construction management services to LADOTD on ITS expansion project in the Alexandria metropolitan area. The ITS expansion project includes the installation of fiber optic communications cable, Dynamic Message Signs and Closed-Circuit Television cameras on US 71, US 165, and LA 28. As Project Engineer, responsibilities include overseeing all aspects of construction and inspection including providing engineering support to the contractor during construction, directing field inspectors, and maintaining project documentation required by LADOTD.</p>		
10/16 – 08/17	<p>I-10 Bonnet Carre Emergency Crossing, LADOTD, St. John and St. Charles Parishes, LA / Project No.H.011472. <i>Project Engineer.</i> Provide construction management services to LADOTD on ITS repair project in St. John and St. Charles Parishes. The ITS expansion project includes the installation of fiber optic communications cable, one Dynamic Message Sign, and the repair of two emergency crossing gates on the elevated section of I-10 near the Bonnet Carre spillway. As Project Engineer, responsibilities include overseeing all aspects of construction and inspection including providing engineering support and quality control oversight to the contractor during construction, directing field inspectors, and maintaining project documentation required by LADOTD.</p>		

02/16 – 08/17	Lake Charles ITS Phase 2, LADOTD ; Calcasieu Parish, LA / Project No.H.010192. <i>Project Engineer</i> . Provide construction management services to LADOTD on ITS expansion project in the Lake Charles metropolitan area. The ITS expansion project includes the installation of fiber optic communications cable, Dynamic Message Signs and Closed Circuit Television cameras on I-10. As Project Engineer, responsibilities include overseeing all aspects of construction and inspection including providing engineering support and quality control oversight to the contractor during construction, directing field inspectors, and maintaining project documentation required by LADOTD.
12/15 – 10/16	New Orleans Hospitality Zone, LADOTD , Orleans Parish, LA / Project No. H.010189. <i>Project Engineer</i> . Provide construction management services to LADOTD on ITS expansion project in the New Orleans metropolitan area. The ITS expansion project includes the installation of Ramp Metering signals on 6 freeway entrance ramps to US 90B, fiber optic communications cable, and Closed Circuit Television cameras. As Project Engineer, responsibilities include overseeing all aspects of construction and inspection including providing engineering support and quality control oversight to the contractor during construction, directing field inspectors, and maintaining project documentation required by LADOTD.
12/12 – 06/16	New Orleans Core ITS, LADOTD , Jefferson and Orleans Parish, LA / Project No. H.009427. <i>Project Engineer</i> . Provide construction management services to LADOTD on ITS expansion project in the New Orleans metropolitan area. The ITS expansion project includes the installation of fiber optic communications cable, Dynamic Message Signs and Closed Circuit Television cameras on I- 10, I-610, and US 90B. As Project Engineer, responsibilities include overseeing all aspects of construction and inspection including providing engineering support and quality control oversight to the contractor during construction, directing field inspectors, and maintaining project documentation required by LADOTD.
03/13 – 8/15	Weigh In Motion, LADOTD , Jefferson and Orleans Parish, LA / S.P.N. H.009427 F.A.P No. H.009427. <i>Project Engineer</i> . Provide construction management services to LADOTD on statewide weigh in motion upgrade project. The weigh in motion project includes the installation of fiber optic communications cable, Dynamic Message Signs, Closed Circuit Television cameras, and weigh in motion scales on I-10, I-12, and I-20. As Project Engineer, responsibilities include overseeing all aspects of construction and inspection including providing engineering support to the contractor during construction, directing field inspectors, and maintaining project documentation required by LADOTD.
06/14 – 11/15	Dynamic Message Sign (DMS) Ladder Statewide, LADOTD , Statewide, LA / S.P.N. H.009427 F.A.P. No. H.009427. <i>Project Engineer</i> . Provide construction management services to LADOTD on DMS Ladder project to install new DMSs and ladder/walkway systems on existing DMS poles. As Project Engineer, responsibilities include overseeing all aspects of construction and inspection including providing engineering support to the contractor during construction, directing field inspectors, and maintaining project documentation required by LADOTD.
05/18 – 10/18	Tuscaloosa Traffic Signal Upgrade, Tuscaloosa, AL . <i>Project Engineer</i> . Provided engineering support for the Tuscaloosa Traffic Signal Upgrade project. Duties include troubleshooting malfunctioning traffic signals, reviewing and updating signal timing plans to improve corridor flow as needed, and providing recommendations regarding traffic signal equipment upgrades and modifications.

Prime consultant name: **ECM Consultants, Inc.**

16. Staff Experience

Firm employed by	 ARCADIS		
Name	Anthony Jackson	Years of relevant experience with this employer	3
Title	Senior Technician	Years of relevant experience with other employer(s)	19
Degree(s) / Years / Specialization	Pre-Civil Engineering Coursework / 2016 – Ongoing / Baton Rouge Community College		
Active registration number / state / expiration date	NA		
Year registered	N/A	Discipline	NA
Contract role(s) / brief description of responsibilities.	ITS Technician		
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 years of experience specified in the applicable MPR(s).		
22 years of experience	<i>Mr. Jackson has 22 years of experience in constructing, integrating, and maintaining traffic signal and ITS systems in the transportation industry. He has experience with complex intelligent transportation system (ITS), and Traffic Signalizations. He has a thorough knowledge of LADOTD standards and specification. He has certified technical training on ITS assets and systems such as COHU, Axis, Daktronics, ISS RTMS Traffic Detector, Trafficware TS2, and Econolite Autoscope and others. He also has certifications as an IMSA Level III Traffic Signal Technician, and Traffic Signal Inspector for Advance Technologies, ATTSA TCT, TCS, Flagger.</i>		
02/19 – 08/21	US 190 ITS Deployment, LADOTD , West Baton Rouge, Pointe Coupee, and Landry Parishes, LA / S.P.N. H.011511 F.A.P No. H.011511. <i>Project Technician</i> . Provide construction management services to LADOTD on ITS expansion project that includes the installation of approximately 48 miles of fiber optic communications cable, the interconnection of four traffic signals onto the LADOTD communications network, and the installation of two communications HUB buildings. As Project Technician, responsibilities include overseeing all aspects of construction and inspection including providing engineering support to the contractor during construction, directing field inspectors, and maintaining project documentation required by LADOTD.		
10/19 – 08/21	Alexandria ITS Deployment Phase 3, LADOTD , Rapides Parish, LA / S.P.N. H.011505 F.A.P No. H.011505. <i>Project Technician</i> . Provide construction management services to LADOTD on ITS expansion project in the Alexandria metropolitan area. The ITS expansion project includes the installation of fiber optic communications cable, Dynamic Message Signs and Closed Circuit Television cameras on US 71, US 165, and LA 28. As Project Technician, responsibilities include overseeing all aspects of construction and inspection including providing engineering support to the contractor during construction, directing field inspectors, and maintaining project documentation required by LADOTD.		
06/15 – 12/15	District 04 Controller Upgrade Traffic Signalization and Related Work , Bienville, Bossier, Caddo, Claiborne, Desoto, Red River, Webster, Jefferson, Orleans, St. Bernard, St. Charles Parishes, Baton Rouge, LA. <i>Project Manager / Sr. Technician</i> . Participated in planning and bidding to obtain contracts for projects. Acting Traffic Control Supervisor on the project and coordinated work schedule with LADOTD. Served as Lead Technician on project and approved partial estimates and change orders. On site, was responsible for programming ATC controllers, and installing GPS in the controller cabinets. Maintain proper traffic control by coordinating the shutdowns of major and minor signalized intersection with state and local police departments.		

16. Staff Experience:

Firm employed by		A P S Engineering and Testing, LLC	
Name	Sergio Aviles, P.E.	Years of experience with this firm/employer	10
Title	President	Years of experience with other firm(s)/employer(s)	10
Degree(s) / Years / Specialization		BS Civil Engineering/2001/Geotechnical	
Active registration number / state / expiration date		0033571/ LA / 03-31-2024	
Year	2007	Discipline	Civil
Contract role(s) / brief description of responsibilities		QA/QC Manager for field and material testing.	
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 years of experience specified in the applicable MPR(s).		
20 years of experience	<i>Mr. Aviles has 20 years of experience. He has the following certifications: NHI certifications Courses: Design & Implementation of Erosion & Sediment Control, Driven Pile Foundation Inspection and Design, Drilled Shaft Inspection, Design of Mechanically Stabilized Earth Walls and Reinforced Soil Slopes, and Design of Drilled Shafts Foundation. Pile Dynamic Analysis (PDA), WEAP, & CAPWAP. Microsoft Visual Studio .NET programming course at LSU, and Microsoft Office Suite. WorkZone Traffic Control Supervisor, Technician, and Flagger Certifications</i>		
05/2018-01/2020	Project No. H.009250: I-10- Highland to LA 73- The purpose was to conduct testing on the subsurface, base course, and concrete placement at the site to enable an evaluation of acceptable standards for the proposed roadway structures. Mr. Aviles was the project manager for QA/QC testing.		
01/2019- Present	Project No. 2012-FEMA-1B-1-Westend Group- The purpose was to conduct testing on the subsurface, base course, and concrete placement at the site to enable an evaluation of acceptable standards for the proposed roadway structures. Mr. Aviles is the project manager for QA/QC testing.		
04/2019 -Present	Project No. H.011795: Westwood Drive (WB Expressway to Lapalco)- The purpose was to conduct testing on the subsurface, base course, and concrete placement at the site to enable an evaluation of acceptable standards for the proposed roadway structures. Mr. Aviles is the project manager for QA/QC testing.		
05/2019 -Present	Project No. H.011798: Airline Park Blvd (Camphor-West Napoleon) Phase II- The purpose was to conduct testing on the subsurface, base course and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures. Mr. Aviles is the project manager for QA/QC testing.		
04/18 – 11/18	Project No. H.011798: Airline Park Blvd I- The purpose was to conduct testing on the subsurface, base course and concrete placement at the site to enable an evaluation of acceptable standards for the proposed roadway structures. Mr. Aviles was the project manager for QA/QC testing.		

16. Staff Experience:

Firm employed by: A P S Engineering and Testing, LLC				
Name	Joseph Layton		Years of experience with this firm/employer	2
Title	Senior Technician		Years of experience with other firm(s)/employer(s)	8
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			Field Technician	
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 years of experience specified in the applicable MPR(s).			
10 years of experience	<i>Mr. Layton has 10 years of experience. His certifications include Density Testing Embankment and Base Course (C 0303B) Nuclear Gauge Safety Certification, and ACI.</i>			
01/2019- Present	Project No. 2012-FEMA-1B-1-Westend Group- The purpose was to conducted testing on the subsurface, base course, and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures. Mr. Layton is the senior field technician on site assign to perform all field testing for this project.			
04/2019 -Present	Project No. H.011795: Westwood Drive (WB Expressway to Lapalco)- The purpose was to conduct testing on the subsurface, base course, and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures. Mr. Layton is the senior field technician on site assign to perform all field testing for this project.			
05/2019 -Present	Project No. H.011798: Airline Park Blvd (Camphor-West Napoleon) Phase II- The purpose was to conduct testing on the subsurface, base course and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures. Mr. Layton is the senior field technician on site assign to perform all field testing for this project.			
04/18 – 11/18	Project No. H.011798: Airline Park Blvd I- The purpose was to conduct testing on the subsurface, base course and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures. Mr. Layton is the senior field technician on site assign to perform all field testing for this project.			
05/2018 - Present	Project No. H.009250: I-10- Highland to LA 73- The purpose was to conduct testing on the subsurface, base course, and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures. Mr. Layton is the senior field technician on site assign to perform all field testing for this project.			

16. Staff Experience:

Firm employed by		A P S Engineering and Testing, LLC	
Name	Sairam (Sai) Eddanapudi, M.S., P.E.	Years of experience with this firm/employer	10
Title	Chief Engineer	Years of experience with other firm(s)/employer(s)	8
Degree(s) / Years / Specialization		ME, Civil Engineering, Lamar University, Dec. 2002 BE, Civil Engineering, Sri Venkateshwara University, India Aug. 1999	
Active registration number / state / expiration date		0035129/ LA / 03-31-2024	
Year	2008	Discipline	Civil
Contract role(s) / brief description of responsibilities		Laboratory QA Manager. Will also be in charge all daily operation of the project	
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 years of experience specified in the applicable MPR(s).		
05/2018-01/2020	Project No. H.009250: I-10- Highland to LA 73- The purpose was to conduct testing on the subsurface, base course, and concrete placement at the site to enable an evaluation of acceptable standards for the proposed roadway structures. Mr. Eddanapudi was the project manager for QA testing.		
01/2019- Present	Project No. 2012-FEMA-1B-1-Westend Group- The purpose was to conducted testing on the subsurface, base course, and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures Mr. Eddanapudi is the project manager for QA testing.		
04/2019 -Present	Project No. H.011795: Westwood Drive (WB Expressway to Lapalco)- The purpose was to conduct testing on the subsurface, base course, and concrete placement at the site to enable an evaluation of acceptable standards for the proposed roadway structures. Mr. Eddanapudi is the project manager for QA testing.		
05/2019 -Present	Project No. H.011798: Airline Park Blvd (Camphor-West Napoleon) Phase II- The purpose was to conduct testing on the subsurface, base course and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures. Mr. Eddanapudi is the project manager for QA testing.		
04/18 – 11/18	Project No. H.011798: Airline Park Blvd Phase I: The purpose was to conduct testing on the subsurface, base and concrete placement at the site to enable an evaluation of acceptable standards for the proposed roadway structures.		
02/17-10/17	Project No. H.002861 Earhart Expressway/Causeway Boulevard: APS was tasked with developing the LRFD factors for both existing structures and the new elevated sections to connect to Causeway Blvd. Per the task order APS drill and tested 85 borings to 120 feet near the proposed and existing structures. APS engineering staff provides designer with pile tip elevations for five elevated ramps to connect Earhart to Causeway Blvd. Provided boring logs, information on site conditions, site preparation recommendations, and load- length curves. Mr. Sai Eddanapudi was the project engineer to the Geotechnical investigations and analysis as assigned for project design.		

17. Firm Experience:

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

Firm name	ECM Consultants, Inc.	Past Performance Evaluation Category(ies)*	CE&I/OV
Project name	Safe Routes – Intersection Upgrade N Canal & 7th Street	Firm responsibility (prime or sub?)	Prime
Project number	H.006546	Owner's name	LADOTD
Project location	Lafourche Parish	Owner's Project Manager	Laura Riggs, P.E.
Owner's address, phone, email	1201 Capitol Access Road Baton Rouge, LA 70802, 225-379-1143, laura.riggs@la.gov		
Services commenced by this firm (mm/yy)	04/19	Total consultant contract cost (\$1,000's)	\$90
Services completed by this firm (mm/yy)	06/20	Cost of consultant services provided by this firm (\$1,000's)	\$90

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

ECM provided Construction Engineering and Inspection (CE&I) services for the Upgrade of Canal & 7th Street intersection; a \$800K construction project which was a part of LA DOTD's Safe Routes to Public Places Program (SRTPPP) located in Lafourche Parish, LA. SRTPPP is part of the overall Highway Safety Improvement Program (HSIP) and falls under the umbrella of the Louisiana Strategic Highway Safety Plan (SHSP). ECM's Construction Engineering and inspection (CE&I) duties included evaluating the quality of work performed by contractor, subcontractors, and suppliers, providing daily written reports on the progress of the construction, tracking and verifying quantities for pay items, and monthly construction estimates, including processing and verification. Work on this project included installation of new turn lanes, traffic signals, sidewalks and handicapped curb ramps. The project also included installation of new drainage pipes and structures and milling and overlay. For CE&I services, ECM performed all the items (1 through 26) listed in the scope of services, as applicable for this Task Order. This included but not limited to the following:

- Serving as Project Engineer and coordinate with DOTD and other stake holders.
- Scheduling and conducting the pre-construction meeting
- Maintaining all construction field records, making daily entries in the project diary (DWR)
- Inspecting the contractor's construction operations (daily)
- Monitoring safety compliance
- Preparing all documentation and entering in the SiteManager
- Managing RFIs and Change Requests from contractor
- Reporting deficiencies to the contractor for correction and simultaneously notifying City and LADOTD
- Attending substantial completion inspection and preparing "Punch List"
- Preparing "As-Built" plans, final estimate packages including Form 2059 and submitting to LADOTD.



Personnel worked on this project and used in this proposal:
Chad Vosburg, P.E, Blake Guidry, P.E., Jared Pete

17. Firm Experience:

Firm name	ECM Consultants, Inc.	Past Performance Evaluation Category(ies)*	CE&I/OV
Project name	Roundabout at Girard Park and Hospital Drive		Firm responsibility (prime or sub?) Prime
Project number	H.006531	Owner's name	LADOTD/Lafayette Consolidated Government
Project location	Lafayette Parish	Owner's Project Manager	Laura Riggs, P.E.
Owner's address, phone, email	1201 Capitol Access Road Baton Rouge, LA 70802, 225-379-1143, laura.riggs@la.gov		
Services commenced by this firm (mm/yy)	08/19	Total consultant contract cost (\$1,000's)	\$197
Services completed by this firm (mm/yy)	5/20	Cost of consultant services provided by this firm (\$1,000's)	\$154

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

ECM provided Construction Engineering and Inspection (CE&I) and construction contract administration services for this **\$1.05 million** project involving new construction of a roundabout at the intersection of Girard Park Drive and Hospital Drive. The roundabout is located behind Lafayette General Hospital in Girard Park in Lafayette, LA. The scope of work included: excavation and embankment, grading, Class II stone base course, Portland concrete cement pavement (PCCP) roadway, and reinforced concrete pipe and drainage structures. Work associated with the roundabout included the removal and replacement of existing asphalt pavement, asphalt patching, handicap curb ramps and sidewalks, a PCCP retaining wall, street lighting, sodding, pavement markings and signage. This project was for Lafayette Consolidated Government that was let through LADOTD

For CE&I services, ECM performed all the items (1 through 26) listed in the scope of services, as applicable for this Task Order. This included but not limited to the following:

- Serving as Project Engineer and coordinating with the Lafayette Consolidated Government Engineer, contractor, representative of utility entities and LADOTD Project Coordinator
- Scheduling and conducting the pre-construction meeting
- Maintaining all construction field records; making daily entries in the project diary(DWR)
- Inspecting the contractor's construction operations (daily) to ensure that all work is performed in accordance with the specified plans and specifications
- Keeping clear and concise records of the contractual operations
- Keeping record of work quantities on daily basis
- Performing necessary field testing
- Sampling, collecting and transporting samples to LADOTD Testing Laboratory
- Monitoring safety compliance
- Preparing all documentation and entering in the SiteManager
- Monitoring and documenting all construction claims
- Managing RFIs and Change Requests from contractor
- Reporting deficiencies to the contractor and for correction simultaneously notifying LADOTD
- Attending substantial completion inspection and preparing "Punch List"
- Attending final inspection and verifying completion of punch list items.
- Preparing monthly pay estimates, and making monthly progress reports
- Preparing "As-Built" plans, final estimate packages and Form 2059 and submitting to LADOTD



Personnel worked on this project and used in this proposal:

Chad Vosburg, P.E., Blake Guidry, P.E.

17. Firm Experience:

Firm name	<i>ECM Consultants, Inc.</i>	Past Performance Evaluation Category(ies)*	CE&I/OV
Project name	Safe Routes – Raceland and Bayou Blue Sidewalks		Firm responsibility (prime or sub?) Prime
Project number	H.010109	Owner's name	LADOTD
Project location	Lafourche Parish	Owner's Project Manager	Laura Riggs, P.E.
Owner's address, phone, email	1201 Capitol Access Road Baton Rouge, LA 70802, 225-379-1143, laura.riggs@la.gov		
Services commenced by this firm (mm/yy)	08/19	Total consultant contract cost (\$1,000's)	\$146
Services completed by this firm (mm/yy)	07/20	Cost of consultant services provided by this firm (\$1,000's)	\$146

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

ECM provided Construction Engineering and Inspection (CE&I) services for Raceland and Bayou Blue Sidewalks; a **\$1M construction project** which is part of LA DOTD's Safe Routes to Public Places Program (SRTPPP) located in Lafourche Parish, LA. SRTPPP is part of the overall Highway Safety Improvement Program (HSIP) and falls under the umbrella of the Louisiana Strategic Highway Safety Plan (SHSP). Work on this project included installation of new sidewalks, driveways, and handicapped ramps along LA 308 and LA 316 to connect the surrounding neighborhoods with Bayou Blue Middle, Bayou Blue Elementary, and Raceland Middle Schools. The project also included installation of new drainage pipes and structures, conversion of existing drainage ditches to underground drainage, and re-seeding of the affected areas along LA 316. ECM's Construction Engineering and inspection (CE&I) duties included evaluating the quality of work performed by contractor and subcontractors, providing daily written reports on the progress of the construction, tracking and verifying quantities for pay items, and monthly construction estimates, including processing and verification. ECM performed all items (1 through 26) as applicable for this Task Order. This included but not limited to the following:

- Serving as Project Engineer and coordinating with the Lafayette Consolidated Government Engineer, contractor, representative of utility entities and LADOTD Project Coordinator
- Maintaining all construction field records; making daily entries in the project diary(DWR)
- Inspecting the contractor's construction operations (daily) to ensure that all work is performed in accordance with the specified plans and specifications
- Keeping clear and concise records of the contractual operations
- Keeping record of work quantities on daily basis
- Performing necessary field testing
- Sampling, collecting and transporting samples to LADOTD Testing Laboratory
- Preparing all documentation and entering in the SiteManager
- Preparing monthly pay estimates, and making monthly progress reports
- Monitoring and documenting all construction claims
- Managing RFIs and Change Requests from contractor
- Reporting deficiencies to the contractor and for correction simultaneously notifying LADOTD
- Attending substantial completion inspection and preparing "Punch List"
- Attending final inspection and verify completion of punch list items.
- Preparing "As-Built" plans, final estimate packages and Form 2059 and submitting to LADOTD

Personnel worked on this project and used in this proposal:

**Chad Vosburg, P.E.,
Zachary Collier, P.E.**



17. Firm Experience:

Firm name	ECM Consultants, Inc.		Past Performance Evaluation Category(ies)*	CE&I/OV
Project name	Fenton Elementary School Sidewalks			Firm responsibility (prime or sub?) Prime
Project number	H.006528	Owner's name	LADOTD/Village of Fenton	
Project location	Jefferson Davis Parish, LA		Owner's Project Manager	Mark Morvant P.E.
Owner's address, phone, email	1201 Capitol Access Road Baton Rouge, LA 70802, 225-379-1067, mark.morvant@la.gov			
Services commenced by this firm (mm/yy)	11/21	Total consultant contract cost (\$1,000's)		\$167
Services completed by this firm (mm/yy)	08/22	Cost of consultant services provided by this firm (\$1,000's)		\$155

ECM provided construction contract administration and construction engineering and inspection (CE&I) services for this **\$429k** project involving the removal and replacement of sidewalks and drives, installation of new sidewalk, drainage improvements and yard drains, truncated domes, thermoplastic pavement markings. This project is through the Safe Routes program to allow students safe pedestrian travel to Fenton Elementary in Jefferson Davis, Parish.

ECM's responsibilities for CE&I services in general includes but not limited to:

- Scheduling and conducting the pre-construction meeting
- Maintaining all construction field records, making daily entries in the project diary
- Coordinating with the contractor and LADOTD Project Coordinator
- Inspecting the contractor's construction operations (daily) to ensure that all work is performed in accordance with the contract plans and specifications
- Keeping clear and concise records of the contractual operations
- Keeping record of work quantities on daily basis
- Monitoring safety compliance
- Preparing monthly pay estimates, and making monthly progress reports
- Preparing all documentation and entering in the SiteManager
- Monitoring and documenting all construction claims
- Managing RFIs and Change Requests from contractor
- Reporting deficiencies to the contractor for correction and simultaneously notifying City and LADOTD
- Attending substantial completion inspection and preparing "Punch List"
- Preparing "As-Built" plans, final estimate packages including Form 2059 and submitting to LADOTD

Personnel working on this project and used in this proposal:
Blake Guidry, P.E.
Chad Broussard, Inspector
Dale Garber, Project Manager

17. Firm Experience:

Firm name	ECM Consultants, Inc.		Past Performance Evaluation Category(ies)*	CE&I/OV	
Project name	Lafayette MPO Non State Pavement Markings			Firm responsibility (prime or sub?)	Prime
Project number	H.007233	Owner's name	LADOTD/Lafayette Consolidated Government		
Project location	Lafayette Parish, LA		Owner's Project Manager	Ryan Richard P.E.	
Owner's address, phone, email	1201 Capitol Access Road Baton Rouge, LA 70802, 225-379-1389, ryan.richard@la.gov				
Services commenced by this firm (mm/yy)	04/21	Total consultant contract cost (\$1,000's)			\$279
Services completed by this firm (mm/yy)	02/22	Cost of consultant services provided by this firm (\$1,000's)			\$155

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

ECM provided construction contract administration and construction engineering and inspection (CE&I) services for this **\$1.3 Million** project involving the removal of existing pavement markings, installation of thermoplastic pavement markings and symbols, and installation of reflectorized raised pavement markers on 9 major routes throughout the parish of Lafayette for Lafayette Consolidated Government.

ECM's responsibilities for CE&I services in general includes but not limited to:

- Scheduling and conducting the pre-construction meeting
- Maintaining all construction field records, making daily entries in the project diary
- Coordinating with the contractor and LADOTD Project Coordinator
- Inspecting the contractor's construction operations (daily) to ensure that all work is performed in accordance with the contract plans and specifications
- Keeping clear and concise records of the contractual operations
- Keeping record of work quantities on daily basis
- Monitoring safety compliance
- Preparing monthly pay estimates, and making monthly progress reports
- Preparing all documentation and entering in the SiteManager
- Monitoring and documenting all construction claims
- Managing RFIs and Change Requests from contractor
- Reporting deficiencies to the contractor for correction and simultaneously notifying City and LADOTD
- Attending substantial completion inspection and preparing "Punch List"
- Preparing "As-Built" plans, final estimate packages including Form 2059 and submitting to LADOTD



Personnel working on this project and used in this proposal:

Blake Guidry, P.E.
Chad Broussard
Mark Sanchez
David Waller

17. Firm Experience:

Firm name	A P S Engineering and Testing, LLC		Past Performance Evaluation Discipline(s)*		Other/Materials and field testing	
Project name	I-10: Highland to LA 73			Firm responsibility (prime or sub?)		Sub
Project number	H.009250	Owner's name	Louisiana Dept of Transportation and Development			
Project location	East Baton Rouge and Ascension Parishes, LA		Owner's Project Manager		Peggy Paine, P.E.	
Owner's address, phone, email		1201 Capitol Access Rd., Baton Rouge, La. 70802-4438, 225-379-1001; Peggy.Paine@la.gov				
Services commenced by this firm (mm/yy)		04/18	Total consultant contract cost (\$1,000's)			N/A
Services completed by this firm (mm/yy)		01/20	Cost of consultant services provided by this firm (\$1,000's)			\$400k

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

APS provided QA testing services as subconsultant to ECM Consultants, Inc. for this project involving widening of I-10 and rehabilitation of several bridges. APS served as the Construction Quality Acceptance Laboratory Manager (CQALM) for this project. Work included elevated and on-grade roadway including earthwork, subbase and base and PCC pavement. APS provided lab testing of soil samples, made concrete cylinders at site and performed slump tests, performed field compaction testing for subbase and base courses, performed lab tests for concrete cylinder breaks etc.

The Construction Quality Acceptance Laboratory Manager (CQALM) duties and responsibilities included:

- QA testing and reporting of laboratory and field test results.
- Document and notify the CQAM immediately of any non-conformance test results
- Responsible for adherence to proper CQA laboratory testing and sampling procedures.
- Coordinate testing needed with the CQAM and/or CQAI Field Supervisor.
- Responsible for the distribution of laboratory test results to all within one working day of results being recorded

Personnel worked on this project and used in this proposal:

Sergio Aviles, P.E. , Sai Eddanapudi, P.E



17. Firm Experience:

Firm name	A P S Engineering and Testing, LLC		Past Performance Evaluation Category(ies)*	Other (Testing)
Project name	Westend Group		Firm responsibility (prime or sub?)	Prime
Project number	2012-FEMA-1B-1	Owner's name	City of New Orleans DPW	
Project location	Orleans Parish		Owner's Project Manager	Sara DeBoer
Owner's address, phone, email	1300 Perdido Street Rm 6w03 New Orleans, LA 70112, 504.658.8038, sdeboer@nola.gov			
Services commenced by this firm (mm/yy)	01/19	Total consultant contract cost (\$1,000's)		N/A
Services completed by this firm (mm/yy)	On going	Cost of consultant services provided by this firm (\$1,000's)		\$60k

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

A P S was tasked with the QA for material testing services representing DPW. As the QA testing lab, A P S is conducting all the approve soil, compaction, and concrete testing. This included over hundredths of sieves analysis gradation, proctors, concrete cylinders breaks, field compaction, and concrete pour monitor.



Members Involved:

Sergio Avile S, P. E., Sai Eddanapudi, P. E., Paul Fulcher, Casey Fra

17. Firm Experience:

Firm name	Aucoin & Associates, Inc.		Past Performance Evaluation Discipline(s)*	Survey
Project name	LA 182 New Iberia Sidewalks		Firm responsibility (prime or sub?)	Prime
Project number	H.01295	Owner's name	LA DOTD	
Project location	Iberia Parish		Owner's Project Manager	Ryan Morvant
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225-379-1067, Ryan.Morvant@LA.GOV			
Services commenced by this firm (mm/yy)	06/20	Total consultant contract cost (\$1,000's)		\$384
Services completed by this firm (mm/yy)	02/22	Cost of consultant services provided by this firm (\$1,000's)		

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

A&A conducted a topographic survey to utilize in the development of design and construction plans for concrete sidewalks and shared use path. Survey data included roadways, curb, ramps, surface drainage features, trees, signs, drainage structures in conflict with proposed sidewalk, immovable structures, and finished floors of buildings within DTM. A&A identified and surveyed existing horizontal location of utilities utilizing LA ONE CALL and visual evidence.

LA 182 is a couplet that has both an eastbound and westbound roadway. The survey was conducted along both roadways of the couplet. The survey began 1100 feet northwest of the intersection of LA 182 and Barbin Reaux Drive and ran southeast along LA 182 for 4.58 miles. The survey included both sides of the road, and extended out 10 feet beyond the existing right of way or the outer edge of the proposed sidewalk as well as all intersecting roads between the couplet. The entire length of survey was approximately 18 miles.

Key staff members included:
Karl Aucoin, Joshua Soileau, Amber Nicholson

Prime consultant name: **ECM Consultants, Inc.**

17. Firm Experience:

Firm name	Aucoin & Associates, Inc.		Past Performance Evaluation Category(ies)*		Survey
Project name	North-South Expressway			Firm responsibility (prime or sub?)	Prime
Project number	700-09-0144	Owner's name	LA DOTD		
Project location	Caddo Parish		Owner's Project Manager	Joe Umeozulu	
Owner's address, phone, email		1201 Capitol Access Road, Baton Rouge, LA 70802; 225-379-1989			
Services commenced by this firm (mm/yy)		02/02	Total consultant contract cost (\$1,000's)		\$282
Services completed by this firm (mm/yy)		08/08	Cost of consultant services provided by this firm (\$1,000's)		\$282

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.

The project consisted of property surveys, title research reports, right of way maps for acquisition of 11 parcels associated with 3.75 miles of new 4 lane divided interstate highway.

Staff Members Included:

Karl Aucoin; Karen Vidrine

17. Firm Experience:

Firm name			Past Performance Evaluation Discipline(s)*	ITS
Project name	CEI for Alexandria ITS Deployment Phase 3		Firm responsibility (prime or sub?)	Prime
Project number	H.011505	Owner's name	Louisiana Department of Transportation and Development (LADOTD)	
Project location	Rapides Parish, LA		Owner's Project Manager	Alaa Shams
Owner's address, phone, email	ITS Annex Bldg., Room 210-S, 1212 East Highway Drive, Baton Rouge, LA 70802 / 225 379 1497, alaa.shams@la.gov			
Services commenced by this firm (mm/yy)	10/19	Total consultant contract cost (\$1,000's)		\$398
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$375

Firm Members Involved: Tony Jackson, Cody Lemoine, Tony Moore

Arcadis provided CEI services for the Alexandria ITS Deployment Phase 3 project in Rapides parish. This project consisted of the installation of eleven Closed Circuit Television (CCTV) cameras, six poles and eight CCTV lowering devices, two Dynamic Message Signs (DMS) and two poles, 15,000 feet of fiber optic cable and conduit, and the connection of sixteen signalized intersection, one HUB building, one existing CCTV camera, and the LADOTD District office onto the LADOTD fiber optic communications network. The project had a construction cost of \$1.9 million.

Our qualified and certified inspectors provided CEI oversight including the drilled shaft foundations for the new CCTV and DMS poles, erection of the CCTV and DMS poles, installation of the CCTV and DMS cabinets and associated hardware, conduit and fiber optic cable installation that crossed numerous existing utilities, and the fiber optic cable splicing process at multiple locations to tie all the new and existing components onto the DOTD communication network.

Anthony, (Tony) Jackson, Senior Technician/Senior Inspector, and Cody Lemoine, Senior Technician/Senior Inspector performed the daily inspections for the Alexandria ITS Deployment Phase 3 project. Tony has more than 20 years of experience on traffic signal and ITS projects in both construction and inspection. He maintains certifications on traffic signal construction and inspection, as well as other national safety certifications. Cody Lemoine has more than 7 years of experience on ITS projects, including construction, maintenance, and inspection. Cody has several national certifications including fiber optic cable splicing and testing, high tower inspection, and several others. Anthony, (Tony) Moore, P.E., Arcadis Senior Transportation Engineer, served as the Project Engineer. Tony has worked on multiple construction projects in the past several years including multiple ITS project for LADOTD. Tony directed the monthly progress meetings, oversaw and assisted in field inspections, coordinated work performed with the contractor and managed all project records on behalf of LADOTD, monitored and reviewed all Site Manager entries, and prepared monthly pay estimates in Site Manager.



Relevant Services

- Arcadis inspectors oversaw the installation of all the drilled shaft foundations on the project, including one site that was drilled in unstable sub-surface soil that was ultimately abandoned and relocated.
- As part of the daily CEI services, Arcadis inspectors worked with the contractor daily to mitigate potential issues including the contractor boring into an underground gas line and expediting the gas company notification and ensuring the safety of all personnel in proximity to the gas line.
- Arcadis inspectors provided complete CEI oversight on all aspects of the project including identifying installation issues with the contractor, i.e. identifying a DMS installation oriented incorrectly, ITS cabinet installations incorrectly installed, and multiple temporary traffic control issues.

17. Firm Experience:

Firm name	ARCADIS	Past Performance Evaluation Category(ies)*	ITS
Project name	CEI for LADOTD US 190 ITS Deployment	Firm responsibility (prime or sub?)	Prime
Project number:	H.011511	Owner's name	Louisiana DOTD
Project location	W. Baton Rouge, Pointe Coupee, and St. Landry	Owner's Project Manager	Alaa Shams
Owner's address, phone, email	ITS Annex Bldg., Room 210-S, 1212 East Highway Drive, Baton Rouge, LA 70802 / 225.379.1497 / alaa.shams@la.gov		
Services commenced by this firm (mm/yy)	02/19	Total consultant contract cost	\$603
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm	\$603

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.

Firm Members Involved: Tony Jackson, Tony Moore

Arcadis provided CEI services for the US 190 ITS Deployment project in West Baton Rouge, Pointe Coupee, and St. Landry parishes. This project consisted of the installation of approximately 225,000 feet of fiber optic cable and conduit, the installation of two communication HUB buildings, and the interconnection of four signalized intersections onto the state communications network. The project had a construction cost of \$2.3 million.

Our qualified and certified inspectors provided CEI oversight including the conduit and fiber optic cable installation that crossed numerous canals and existing utilities, the fiber optic cable splicing process at multiple locations to tie all the fiber optic cable together onto the DOTD communication network, the installation of HUB building concrete foundations, driveways, gas powered generator installations at HUB sites, driveways and fencing at the HUB sites, and the installation of fiber optic cable into four traffic signal cabinets.




Anthony, (Tony) Jackson, senior technician/senior inspector, performed the daily inspections for the US 190 ITS Deployment project. Tony has over 20 years of experience on traffic signal and ITS projects. He maintains certifications on traffic signal construction and inspection, as well as other national safety certifications. Anthony, (Tony) Moore, P.E., Arcadis Senior Transportation Engineer, served as the project engineer. Tony has worked on multiple construction projects in the past several years including multiple ITS project for LADOTD. Tony directed the monthly progress meetings, oversaw and assisted in field inspections, coordinated work performed with the contractor and managed all project records on behalf of LADOTD, monitored and reviewed all Site Manager entries, and prepared monthly pay estimates in Site Manager.


Relevant Services:

- Arcadis assisted in the review and inspection of an old concrete CCTV pole that was ultimately determined to be unusable. LADOTD had hoped to use the pole for a new CCTV camera installation.
- As part of the daily CEI services, Arcadis inspectors worked an average of 12 hours per day, 5 days per week to monitor the contractor's construction activities. The aggressive contract schedule required the contractor to work 60 hours per week to complete the project.
- Arcadis inspectors provided complete CEI oversight on all aspects of the project including insuring the safe installation of underground conduit at multiple locations where conduit had to cross large gas lines and multiple other underground utilities.

Prime consultant name: **ECM Consultants, Inc.**

17. Firm Experience:

Firm name			Past Performance Evaluation Category(ies)*	ITS	
Project name	CCTV Camera, DMS, Vehicle Detector and Ramp Meter Responsive/Emergency Maintenance			Firm responsibility (prime or sub?)	Prime
Project number: 4400007102 / H.011537.6 (B), H.011537.6 -2 (B), H.011537.6-3 (B)	Owner's name		LA Dept of Transportation and Development (LADOTD)		
Project location	Statewide	Owner's Project Manager	Erik Smith, PE		
Owner's address, phone, email	1212 East Hwy Dr, Room 204-S, Baton Rouge, LA 70802/ 225.379.1497 / erik.smith@la.gov				
Services commenced by this firm (mm/yy)	08/16	Total consultant contract cost	\$1,005		
Services completed by this firm (mm/yy)	On going	Cost of consultant services provided by this firm	\$274		
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.					
<p>Over the past decade, the LADOTD has deployed Intelligent Transportation Systems (ITS) communications and field devices throughout the state. As of May 2019, there are approximately 500 statewide ITS sites including more than 430 CCTV cameras, 100 dynamic message signs (DMS), 140 radar vehicle detectors (RVD), 23 ramp meter sites, 39 BlueToad devices, 8 flashing beacons and 5 crossover gates. As part of this growth, ITS maintenance has become a high priority.</p> <p>The Arcadis team is responsible for responsive and emergency maintenance of ITS sites in Louisiana. Responsive maintenance is the repair or replacement of any reported failed or malfunctioning equipment. Emergency maintenance is responsive maintenance that requires immediate repair, such as sites requiring traveler information, or incidents and events.</p> <p>The scope of the project consists of the following subtasks: Development of Traffic Control Plans and Determination of Safety Class– assign safety class for ITS sites and develop temporary traffic control plans Development of Responsive/Emergency Maintenance Procedures– Develop and utilize responsive/emergency maintenance procedures and standards. Dispatching, Tracking, and Performing Responsive/Emergency Maintenance– perform responsive/emergency maintenance as initiated by receipt of notification of malfunction or device failure. Perform dispatching function and allow management a high-level view of staff location, current call ticket, and estimated time of completion. Site Inspection, Validation, and Quality Control – Provide QA/QC checks for responsive/emergency maintenance activities and schedule site visits for quality control and safety inspection.</p> <p>Results. Identifying site failures and issuing call tickets to restore normal operation have positive impacts on ITS device reliability. With a streamlined maintenance process, there is an increase in site reliability for ITS devices.</p>					
			 		
Firm Members Involved: Akhil Chauhan , Jeff Jones, Marwan Abboud, Paul Hsu, Luis Alvergue, Thomas Montz, Sridhar Basetty, Josh Chatelain, Anthony Jackson , Cody Lemoine, Josh					

Prime consultant name: **ECM Consultants, Inc.**

18. Approach and Methodology:

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

1. Project Understanding

We understand that this IDIQ contract is for Construction Engineering and Inspection (CE&I) services for Safety Projects, statewide with majority of work in **Districts 03, 07, and 08**. The scope of work, project description, project location, contract time etc. will be specified in each Task Order and after negotiations of compensation NTP will be used.

Our experience working on several task orders under our current IDIQ Safety CE&I contract, we understand that task orders may involve many different types of projects, from basic sidewalks, ADA improvements, crosswalk, striping to more sophisticated projects that may include roadway restorations, geometric improvements, R/W acquisition, signal modifications/installations, ITS work, dealing with railroad companies etc. We will perform all requested items for each task order including the items listed in the RFQ. Some of the major items will include maintenance of field records; daily entries into project diary to include contractor personnel and equipment being utilized, work being performed, the acceptability of traffic control, contract time charged; keeping record of quantities of contract items placed; inspection of contractor's daily operations for compliance with contract plans, specifications and approved materials; keeping clear and concise records of contractual operations; preparing daily/weekly/monthly quantity summaries/breakdowns; daily progress reports and entering all data and documents in Headlight and SiteManager daily.

ECM Team includes 1) [APS Engineering and Testing](#) for Materials Laboratory Testing 2) [Aucoin & Associates](#) for Surveying and 3) [Arcadis](#) for ITS and Traffic engineering and related services for this contract. ECM Team members understand the nature of the various potential projects that will be scattered all over the **districts 03, 07 and 08** and the importance of communication and coordination between the stake holders to keep them abreast of project status

ECM has provided **CE&I services** for various safety projects as well as roads and bridge projects for various DOTD districts including districts 03,07,08 and ECM Team personnel are fully aware of the policies, procedure and DOTD's demand for delivering quality projects on time and on budget. Accurate and timely flow of information between the project team, the contractor and DOTD will aid the contractor in completion of the project successfully. The ECM Team utilizes all the current DOTD software as is described below and is prepared to work the contractor's working hours, which may include night work for off-peak traffic times and hauling and delivery of material. This experienced team can categorize issues, respond to those issues in the field which can be handled and understand the issues that should be elevated. The experienced ECM staff can react quickly to those construction challenges encountered during construction which will allow quick responses to the contractor and mitigate schedule delays. The ECM team is positioned to provide exceptional CE&I services to the DOTD as has been demonstrated by previous projects for the DOTD on other projects.

2. Our Approach for Performance

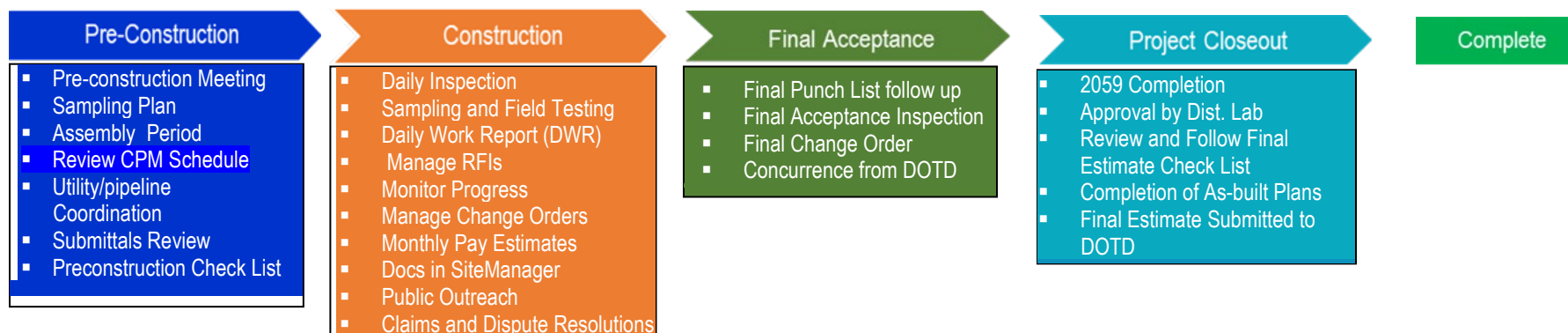
The ECM Team will perform **all the tasks listed in the RFQ** as well as additional tasks when assigned by DOTD for successful completion of this project, meeting, and most of the time exceeding industry best practices and to the satisfaction of DOTD.

The ECM Team's construction administration and construction engineering and inspection (CE&I) services approach places highly qualified and knowledgeable personnel on the project site with support from office engineering/technical staff. The key management tool used to successfully accomplish the work will be a plan comprised of elements such as the Project Management and Execution Plan, Cost and Schedule Controls, Effective Communication, Coordination, Cooperation (3Cs) between all parties, Reporting Processes, QA/QC and Safety. The fundamental objective of our **CE&I services is to serve as "Eyes and Ears"** of DOTD and effectively manage the **quality, cost, schedule, and safety** to assure that all the projects are completed on time and within budget meeting the expectations of DOTD.

2.1 Construction Engineering and Inspection (CE&I)

The ECM team offers staff with broad experience with DOTD construction engineering and inspection procedures on all safety related construction projects, as is shown in our project descriptions and the resumes of our staff. Our staff is already trained and experienced in **Site Manager**, **ProjectWise**, **LAPAVE** and **Headlight** applications used by DOTD, the team has an **enhanced ability** to provide updates on the progression of the projects. By using Headlight, timely updates can be given to DOTD since Daily Work Reports (DWR) will include pictures of ongoing work progress, and as **Site Manager Materials** becomes part of Headlight, this will further streamline the process. The Team's experienced Project Engineer, and certified Inspectors will be on site and will observe, monitor, record and report all construction activities regarding conformance, quality, workmanship, and safety compliance and will communicate with DOTD Project Engineer/Coordinator daily to ensure that the project is constructed in strict compliance with contract documents and meeting DOTD standards and requirements. They will monitor progress by tracking contract time and review of the base schedule and schedule updates and all recovery schedules for slippage of milestones. Our on-site project team members will review monthly estimates, comparing with quantities of work recorded in the DWRs. Any discrepancies will be brought to the attention of the contractor for resolution. While construction layout will be performed by the contractor, our sub-consultant, Aucoin's **survey team** will spot check layouts and elevations **for verification if needed**. Our Project Engineer will coordinate with the DOTD Coordinator, the contractor, the District Laboratory, and the District Utility Coordinator to set up a pre-construction meeting prior to starting the project.

As outlined in the Attachment A- Scope of Services of the RFQ, a traditional CE&I project, in general, will include the major items as graphically presented below:



Below is a brief overview of how some of the major tasks will be performed

2.1.1 Pre-construction Meeting

ECM's Project Engineer will schedule and invite the DOTD Project Manager and the Project Coordinator, the District Lab Engineer, a Representative of FHWA, the Contractor, Utility Company Representatives, City/Parish Representatives, ECM's Lead Inspector and assigned LADOTD certified Inspectors. ECM's Project Engineer will be responsible for taking notes, preparing and distributing Minutes of Meeting (MoM) to all.

2.1.2. Sampling and Field Testing

The Project Engineer will prepare a Sampling Plan in accordance with the Materials Sampling Manual for the project **unless** a sampling plan is prepared by DOTD District Lab and provided at Pre-Construction meeting. Field sampling will be performed by the ECM team and will be promptly entered into **SiteManager**. The ECM team Project Engineer will enter and ensure that all Material Test results are documented in **LAPAVE**, **SiteManager Materials**, **Headlight** and/or other DOTD software systems. APS Design and Testing, LLC. will perform field testing and Material Testing for acceptance of materials when not performed by the District Lab.

2.1.3 Daily Work Reports

The ECM Team Inspector (s) will complete DWR's daily according to DOTD Policies and Procedures. Our staff is aware of the importance of noting all important items such as charged days, controlling work items, contractor's equipment on site, personnel, and work activities. Special attention will be given to **documenting deficiencies, non-conforming and non-standard works, safety issues**, any unusual incidents and communication with the contractor, DOTD and other project team personnel at the site. The team's inspectors will document and enforce requirements of the Storm Water Pollution Prevention Plan (**SWPPP**) and any other requirements of permits from CPRA, DEQ, USACE and Coast Guard

as applicable. Our certified inspectors will enter completed quantity of pay items and work progress daily. The team will also ensure that the contractor is **completing the required traffic control logs on a daily basis**.

2.1.4 Monitor Progress

Adherence to schedule is critical to the project success. Some projects may be high-profile projects that can draw significant media attention and elected official scrutiny. Our experienced CPM Scheduler will monitor progress compared to the contractor's baseline schedule as well as schedule updates. He will communicate with DOTD Coordinator and our Project Engineer to request contractor to provide recovery schedule every time a milestone is slipped. Accurate scheduling will be critical to be able to keep up with time charges, weather delays, potential extra work, liquidated damages, and communication of project timelines with DOTD personnel.

2.1.5 Reporting deficiencies

The ECM team's Project Engineer will address deficiencies, deviations, non-standard and non-conforming work that is performed by the contractor **and not rectified after notification by ECM staff**. ECM will document the non-conforming work, notify the contractor and simultaneously notify DOTD Project Coordinator for resolution.

2.1.6 Monthly Pay Estimates

The ECM Team's Project Engineer will review all monthly pay estimates in **SiteManager** according to the Policies and Procedures of DOTD. Prior to approval of payment for work completed, Project Engineer will make sure that all documentation necessary for DOTD such as all Material Sources have been received and checked to ensure that they are from approved sources and all documentation associated with passing material test results are submitted. The ECM Team's Project Engineer will verify quantities of completed pay items with DWRs.

2.1.7 Change Orders

The ECM Team's Project Engineer will **prepare Change Orders** when necessary, according to DOTD Policy and Procedures. Before preparing any change order, the Project Engineer will discuss with the DOTD Coordinator regarding justification and costs associated with any potential change order. The Project Engineer will complete change order forms explaining the need for the change order and will include required attachments. Approvals from those needed based on the category of the Change order will be obtained.

2.1.8 Public Outreach

We are fully aware of the importance of communication and timely dissemination of information to facility users and all stakeholders, DOTD, and the FHWA. All will be fully informed of project status, progress, construction issues and any unusual incidents. The ECM team's staff is familiar with the procedures for project updates or press releases that will require approval from the DOTD Area Engineer and others as needed and will be obtained prior to the release of any information. ECM is familiar with the **MyDOTD system** and is experienced in entering traffic and closure notices on the MyDOTD.

2.1.9 Project Closeout

The ECM team's staff under the leadership of the Project Engineer will prepare and coordinate with the District Lab both the 2059 information and the Final pay estimates as the project is being completed and submitted to DOTD Final Audit Section. Information will be gathered and organized as the project progresses so that the closeout process will proceed smoothly. Processing of information and coordination of project closeout will begin shortly after completion of the construction to gain final acceptance. We have developed an in-house process where we set up our system of files by work item prior to the project commencement. As the work is completed, we capture copies of all required correspondence, CD's, CC's, Shop drawings, Summary of Test Results, and any other documents necessary to complete **the 2059, "As-built" plans and the Final Estimate**.

2.1.10 Unique Resources and Capabilities

ECM is fully licensed, and FAA cleared to operate **two DJI Mavic Pro Zoom aerial drones** which can be used to capture crystal clear images and video feed from any desired height up to 200 ft that will be used for taking high resolution **construction progress aerial photographs** and send to the DOTD Project Coordinator. This information will assist in resolution of field issues in a timely manner. The ECM team will be provided with **iPad with Headlight** and other software with synchronizing capability with SiteManager, SiteManager Material and LAPAVE. All our field staff will have wireless internet connections for accessing the DOTD database. The team's authorized personnel will access/upload plans/documents to the **DOTD ProjectWise** as we are doing this for other major DOTD projects.

2.1.11 Project Plan and Priorities:

The ECM Team **gives high importance** to the following items as major factors for success of the construction projects:

Dispute Resolution: It is prudent to take a proactive approach for disputes and/or claims management. It is important to resolve issues as soon as possible at the lowest level and while all the parties are on the job. Meaning that it is lot easier to resolve issues with person(s) who are knowledgeable of the issues and present them and assist the DOTD Project Coordinator to resolve any potential claims timely. This will require documentation including construction records, progress photographs logged in chronological order with activity descriptions, and maintenance of records of all communication between various parties including emails and letters. Our role will be to take a proactive approach **to resolve potential change orders/ claims before they occur.**

Staffing Plan: Based on our experience, the staffing requirements for a safety related construction projects will include at minimum a Project Engineer and a DOTD certified inspector: In addition, it could include any of the following, **if needed:** Certified Lead Inspector, Certified Embankment and Base Course Inspectors; PCC Paving Inspectors, Asphalt Paving Inspector and Structural Concrete Inspector. **We will use only the required type and number of inspector(s) depending on the nature and scale of the construction.** For some safety projects such as stripping and signage etc. the personnel necessary can be only an inspector. ECM will typically submit a work hour proposal as needed for each task. We will download project plans, the construction contract and project schedule etc., review them and then prepare a staffing plan detailing category and number of personnel and their potential duration to form the basis of our labor estimates and fee proposal to DOTD. Our assigned Project Engineer will serve for the entire duration of the assigned task order for continuity. Additionally, our management personnel will be actively involved in every project, keep themselves abreast of the project status and will be able to provide support, when necessary. Our organization chart provides an overview of our staffing plan. ECM has been involved in CE&I for Safety projects and is familiar with the work which may involve traffic signals, pedestrian signals, signs, stripping, paving or sidewalk work. Any work that qualifies for the FHWA safety program may be included in the work. ECM will work to close out these projects as quickly as possible by completing the 2059 and Final closeout and working with the DOTD Coordinator, DOTD Project Manager, DOTD Headquarters' construction staff, and the District Laboratory.

DOTD Liaison: Our experience working on DOTD construction projects has taught us that communication with all parties is the most important part of making a project successful. We know that the DOTD Project Coordinator has dealt with similar projects and understands that there will be issues during construction. As a result of their past involvement in similar types of projects, DOTD may have developed solutions for some of the issues in conjunction with design consultant which may potentially reduce time for approval process.

Quality Control/Quality Assurance Plan: We will prepare and submit a detailed QA/QC Plan for CE&I services conforming to DOTD requirements, after contract award. The plan will include a systematic and consistent review of all contracted services and help ensure standardization and quality of construction inspection services. The QA/QC Plan will be flexible, to respond to changes in required services and ensure a smooth flow of information and document control, while maintaining the highest possible level of accuracy, value, quality, and competency. Our QA process will include periodic audits to verify all quality control procedures are in place and adhered to. Our Project Engineer will be responsible for implementing the process, monitoring performance of field personnel, and monitoring progress, schedule, and cost.

3. Project Schedule

Below is a Basic Schedule **as an example of a typical CE&I Task Order project.** Duration: 365 calendar days. Start date: **July 3, 2023**, and End date: **July 8, 2024**.

ID	Task Name	Start	Finish	2024											
				Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	Pre-Construction/Assembly	Mon 7/3/23	Mon 8/14/23												
2	Construction	Mon 8/14/23	Mon 5/13/24												
3	Final Acceptance	Mon 5/13/24	Mon 6/10/24												
4	Project Closeout	Mon 6/10/24	Mon 7/8/24												

Why ECM Team? 1. We have extensive experience in providing construction contract administration and CE&I services to DOTD. 2. We have qualified and experienced staff in all required disciplines to meet any challenges. 3. Excellent past performance record with DOTD. 4. Ample capacity to provide required numbers of engineers and certified inspectors and state of the art equipment and software. 4. Capability to provide quality service with experience in similar projects. 5. "Can do team" poised to accept challenges that may be encountered during construction; and 6. Most importantly, Integrity, Reliability, Dedication and Enthusiasm to deliver high-quality CE&I services to the DOTD. We thank you for the opportunity to submit our qualifications and hope to receive your favorable consideration.

19. Workload:

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

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

For indefinite delivery/indefinite quantity (IDIQ) contracts, list open Task Orders individually.

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

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Past Performance Evaluation Discipline(s) *	Contract Number and State project number	Project name	Remaining unpaid balance**
ECM	Other/CQCM	Contract # BC-PSA 05, S.P. # H.0044791	Belle Chasse Bridge & Tunnel Replacement Public-Private Partnership Project	\$2,344,634
ECM	CE&I/OV	Contract # 4400019872 S.P. # H. 009175.6	IDIQ CE&I for Safety Projects Statewide with Majority of Work in District 03, 07, and 08 (<i>St. Bernard Signing and Striping Local Road Safety Program</i>)	\$10,230
ECM	CE&I/OV	Contract# 4400019872 S.P.# H.011949.6	IDIQ CE&I for Safety Projects Statewide with Majority of Work in District 03, 07, and 08(<i>RWD Signing Plaquemines Parish Local Road Safety Program</i>)	\$22,500
ECM	CE&I/OV	Contract# 4400019872 S.P. # H.012682.6	IDIQ CE&I for Safety Projects Statewide with Majority of Work in District 03, 07, and 08 (<i>Pedestrian Crosswalk Enh [NO PH2]</i>)	\$97,125
ECM	CE&I/OV	Contract# 4400019872 H.013014.6	IDIQ CE&I for Safety Projects Statewide with Majority of Work in District 03, 07, and 08 (<i>Signing and striping local road safety Vermillion Parish</i>)	\$5,000
ECM	CE&I/OV	Contract# 4400019872 H.013789.6	IDIQ CE&I for Safety Projects Statewide with Majority of Work in District 03, 07, and 08 (<i>Curve Signing & Striping (Evangeline)</i>)	\$115,125
ECM	CE&I/OV	Contract# 4400019872 H.013767.6	IDIQ CE&I for Safety Projects Statewide with Majority of Work in District 03, 07, and 08 (<i>Signs & markings St. Landry & St. Martin</i>)	\$142,599
ECM	CE&I/OV	Contract# 4400019951 S.P. # H.018767.6	IDIQ CE&I Inspection Services Statewide with Majority of Work in District 03 (<i>Jude & Placid Road Bridges, Vermillion Parish</i>)	\$221,419

ECM	CE&I/OV	Contract# 4400020842 Task Order 3	IDIQ Contract for Engineering & Inspection of State Regulated Dams with Majority of work in District 03,07,6 & 62 Statewide (<i>State Regulated Dams Eng & Inspection</i>)	\$159,818
ECM	CE&I/OV	Contract# 4400019951 H.0123936	IDIQ CE&I Inspection Services Statewide with Majority of Work in District 03 (<i>LA 98 Roundabout at Mills St. Route La 98</i>)	\$280,612
ECM	CE&I/OV	Contract# 4400019951 H.012863.6	DIQ CE&I Inspection Services Statewide with Majority of Work In District 03 (<i>Cypress Island Pavement Preservation</i>)	\$196,916
ECM	CE&I/OV	Contract # 4400021680 S.P. # H.008145.6	LA1 Leeville to Golden Meadow	\$8,693,322
ECM	CE&I/OV	Contract# 4400026101 S.P.3 H.011767	DOTD Contract for Engineering & Inspection District 61 (<i>Bayou Crab Road Bridge</i>)	\$20,000
A P S	GEOTECH	Contract # 4400019011 S.P. # H.013127	Retainer Contract for Geotechnical Services	\$275,300
A&A	Road	4400011230; H.009298.5	Town of Oberlin Sidewalks	\$33,223
A&A	Bridge	4400019167; H.014235.5	(OSBR) West Racca Rd./East Grand Marais Ditch	\$0
A&A	Bridge	4400019318; H.014273.5	(OSBR) Monroe Fabre Over Bayou Des Glaises	\$0
A&A	Bridge	4400019866; H.014337.5	(OSBR) Acadian Hills Over Drainage Canal	\$0
A&A	Bridge	4400021783	Replacement of Eight (8) Bridges	\$390,042
A&A	Survey, Road	4400023706; H.012866	South College Road (LA 3025) Sidewalks	\$108,365
A&A	Survey, Road	4400023783; H.013453	Bayou Blue (LA 316) Sidewalks	\$124,680
A&A	Bridge	4400024587; H.014988.5	Cary Road over Blackwater Bayou	\$90,402
A&A	Bridge	4400025033; H.014978.5	Bellard Loop over Unnamed Drainage Ditch	\$92,250
Arcadis	CE&I/OV	4400011306 / H.011220.6-1	I-10 CBD2 Carrollton-Lafitte Ave and Supplement Nos. 1 & 2	\$5,943
Arcadis	CE&I/OV	4400011306 / H.013710.6	I-10: US 61 to Laplace ITS Deployment	\$16,239
Arcadis	CE&I/OV	4400025046 / H.013710.6	I-10: US 61 to LaPlace ITS Deployment (CE&I)	282,879
Arcadis	ITS	4400016811 / H.013868.5	ITS Program Management and Operations (2022)	\$155,434
Arcadis	ITS	4400016811 / H.013868.6 (A)	ITS Routine Maintenance Engineering and Inspection (ME&I) (2022)	\$275,760
Arcadis	ITS	4400016811 / H.013868.6 (B)	ITS Responsive/Emergency Maintenance Engineering and Inspection (ME&I) (2022)	\$79,654
Arcadis	ITS	2000715744	Scope for Damaged Electrical for I-10 Atchafalaya Bridge	\$4,900
Arcadis	ITS	2000719098	I-20 @ Bert Kouns CCTV Upgrade	\$4,900

Arcadis	ITS	2000719099	DMS Site Communication Upgrades	\$4,200
Arcadis	ITS	2000733237	Ethernet and Power Surge Protectors	\$4,750
Arcadis	ITS	4400018646 / H.004100.5	I-10: LA 415 to Essen Lane on I-10 and I-12	\$53,825
Arcadis	Traffic	4400007175 / H.011328.2	I-49 South (Ricohoc to Berwick)	\$171,365
Arcadis	Traffic	4400024204 / H.012889.5	I-20 Rehab (Pines Road to I-220)	\$80,568
Arcadis	Traffic	4400017033 / H.005121	LA 1/LA 415 Connector	\$69,503
Arcadis	Traffic	4400018780 / H.972419.1	SHSP Update and Regional SHSP Marketing/Advertising Support	\$6,810
Arcadis	Traffic	4400014845 / H.012018.6	Adaptive Traffic Signal Design and Implementation	\$17,741
Arcadis	Traffic	4400019379 / H.013797	LA 30: EBR PL – I-10	\$355,478
Arcadis	Traffic	4400018646 / H.004100.5	I-10: LA 415 to Essen Lane on I-10 and I-12	\$139,048
Arcadis	Traffic	4400021121 / H.000413	Cross Bayou Bridge Replacement	\$111,962
Arcadis	Traffic	4400024307 / H.015052	I-20: Widening/Ovrly (Vancil Rd-LA 34)	\$234,650
Arcadis	Traffic	4400023690 / H.015213.5	District 04 Pedestrian Safety Improvements	\$257,853
Arcadis	Road	4400007175 / H.011328.2	I-49 South (Ricohoc to Berwick)	\$342,731
Arcadis	Road	4400016923 / H.012901.6, H.010634.6	US 90Z (Bodenger Blvd. – Stumpf Blvd.)	\$251,394
Arcadis	Road	4400019010 / H.010116.5	LA 1088: Soult and Trinity Roundabouts	\$83,268
Arcadis	Road	4400024084 / H.009300.5	CMAR Contract for Hooper Road Widening (LA 3034 – LA 37)	\$109,063
Arcadis	Road	4400024307 / H.015052	I-20: Widening/Ovrly (Vancil Rd-LA 34)	\$106,659
Arcadis	Bridge	4400018646 / H.004100.5	I-10: LA 415 to Essen Lane on I-10 and I-12	\$255,668
Arcadis	Bridge	4400021121 / H.000413	Cross Bayou Bridge Replacement	\$148,603
Arcadis	Environmental	4400004727 / H.002397.2	LA 16 (Pete's Hwy) Interstate 12 Interchange Route	\$20,109
Arcadis	Environmental	4400009703 / H.000688.2	US 11 Norfolk Southern Railroad	\$3,008
Arcadis	Environmental	4400007175 / H.011328.2	I-49 South (Ricohoc to Berwick)	\$804,100
Arcadis	Environmental	4400009281 / H.009932	US 80 Widening: Vancil Road to Well Road Environmental Assessment	\$5,343
Arcadis	Environmental	4400024307 / H.015052	I-20: Widening/Ovrly (Vancil Rd-LA 34)	\$85,327
Arcadis	Environmental	4400019338 / H.012891	LA 300 at Bayou LaLoutre	\$7,151
Arcadis	Environmental	4400019338 / H.014215	LA 20 at 40 Arpent Canal and Drainage Canals	\$13,876
Arcadis	Environmental	4400019338 / H.014213	LA 700 at Indian Bayou and Bayou Grand Marais	\$8,322
Arcadis	Environmental	4400019338 / H.014279	LA 35: Drain Canal Near Lawtell	\$8,188
Arcadis	Environmental	4400019338 / H.014278	LA 85: Patout and Drain Canal Bridges	\$10,221
Arcadis	Environmental	4400019338 / H.014276	LA 975: Creek Bridges	\$7,862
Arcadis	Environmental	4400019338 / H.014216	LA 682 at Norris Canal and Unnamed Tributaries	\$17,262

Arcadis	Environmental	4400019338 / H.014241	LA 10 at Mill Creek	\$7,739
Arcadis	Environmental	4400019338 / H.014251	LA 422: Bridge Over Unnamed Stream	\$8,512
Arcadis	Environmental	4400019338 / H.012565	LA 963 at Redwood Creek and Little Redwood Creek	\$6,866
Arcadis	Environmental	4400019338 / H.014257	LA 68 at Karrs Creek	\$17,159
Arcadis	Environmental	4400019338 / H.014253	LA 421 at Thom Creek	\$6,031
Arcadis	Environmental	4400019338 / H.014256	LA 952 at McKowen Creek and Beaver Creek	\$12,017
Arcadis	Environmental	4400019338 / H.014254	LA 955 at Knighton Bayou, Trib. Olive Branch, White Branch, and Chapman Branch	\$10,096
Arcadis	Environmental	4400019338 / H.012061	LA 1 at Lateral W15#7A and Bayou Moreau	\$5,479
Arcadis	Environmental	4400019338 / H.014252	LA 1054 at Tyner Creek	\$5,769

(Add rows as needed)

DO NOT SUM

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

** Round to the nearest dollar. **Do not** round to the nearest thousands. If there are no active contracts with a remaining unpaid balance, place N/A in the Remaining Unpaid Balance column. **NOTE: ALL FIRMS MUST BE REPRESENTED IN THIS TABLE.** LEAVING THE “REMAINING UNPAID BALANCE” COLUMN BLANK IS NOT ACCEPTABLE.

20. Certifications/License

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

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

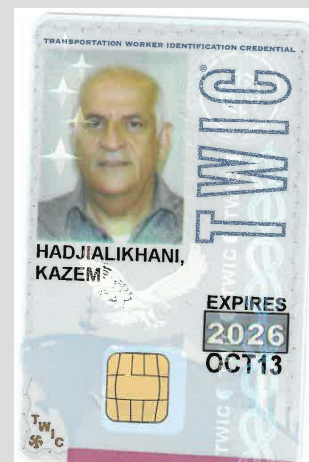
Name:	Public Address:
ECM Consultants, Inc.	Mr. Ujjal DasGupta 1301 Clearview Parkway, Suite 200 Metairie, Louisiana 70001

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0002003	Active	10/24/1995	03/31/2024	Mr. Ujjal DasGupta # PE.0019849 ; Mr. Kazem Hadjialikhani # PE.0025073

Certifications:

Kazem Alikhani, P.E.



CERTIFICATE

Alikhani Kazem

MVS-07-22-00409

has completed the Corps of Engineers and Naval Facility Engineering Command Training Course

CONSTRUCTION QUALITY MANAGEMENT FOR CONTRACTORS - #784

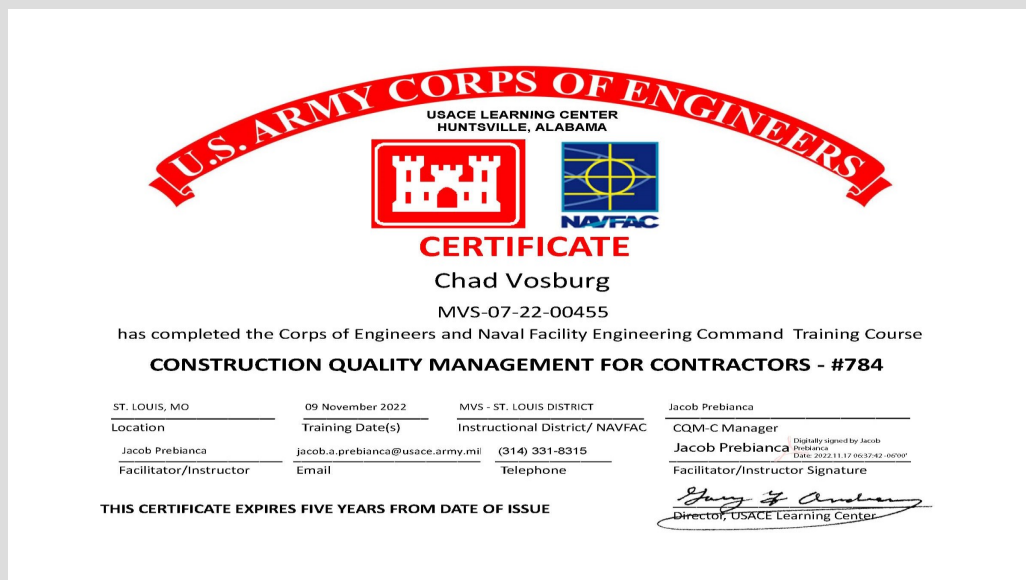
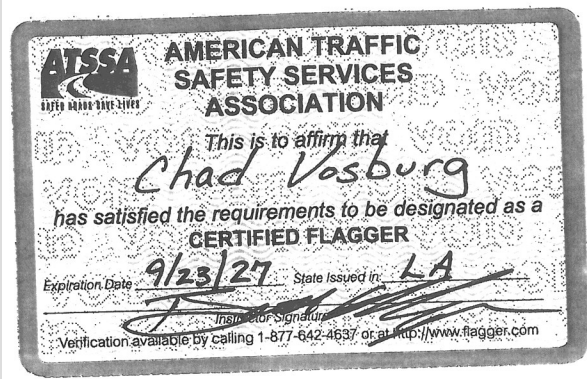
ST. LOUIS, MO	09 November 2022	MVS - ST. LOUIS DISTRICT	Jacob Prebianca
Location	Training Date(s)	Instructional District/ NAVFAC	CQM-C Manager
Jacob Prebianca	jacob.a.prebianca@usace.army.mil	(314) 331-8315	Jacob Prebianca
Facilitator/Instructor	Email	Telephone	Facilitator/Instructor Signature

THIS CERTIFICATE EXPIRES FIVE YEARS FROM DATE OF ISSUE

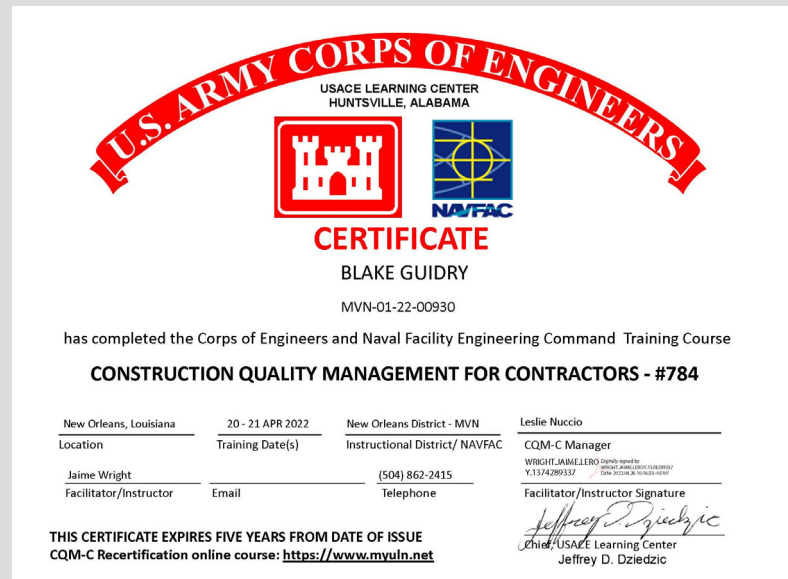
[Signature]
Director, USACE Learning Center

Certifications:

Chad Vosburg, P.E.

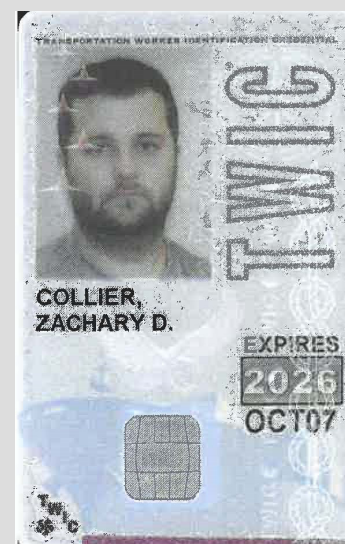


Certifications: Blake Guidry P.E.



Certifications:

Zachary Collier, P.E.

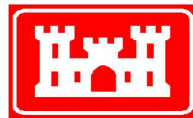


Certifications:

Kim Garlington P.E.



USACE LEARNING CENTER
HUNTSVILLE, ALABAMA



CERTIFICATE

Kim Garlington

MVS-07-22-00467

has completed the Corps of Engineers and Naval Facility Engineering Command Training Course

CONSTRUCTION QUALITY MANAGEMENT FOR CONTRACTORS - #784

ST. LOUIS, MO

Location

Jacob Prebianca

Facilitator/Instructor

09 August 2022

Training Date(s)

jacob.a.prebianca@usace.army.mil

Email

MVS - ST. LOUIS DISTRICT

Instructional District/ NAVFAC

(314) 331-8315

Telephone

Jacob Prebianca

CQM-C Manager

Jacob Prebianca

Facilitator/Instructor Signature

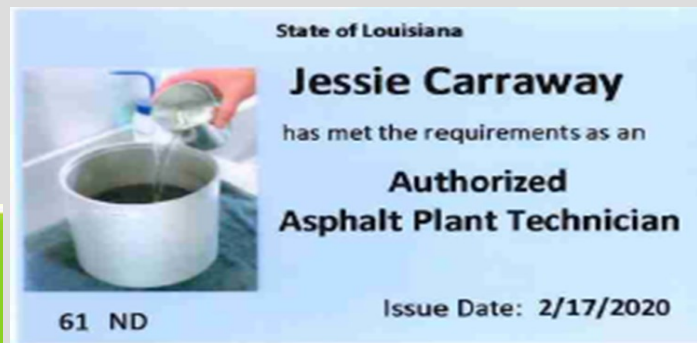
Digitally signed by Jacob Prebianca
Date: 2022.11.22 14:17:13 -0600

THIS CERTIFICATE EXPIRES FIVE YEARS FROM DATE OF ISSUE

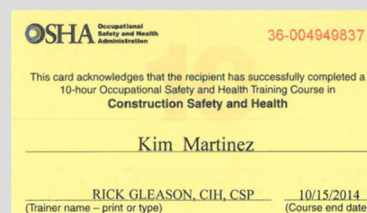
Gary J. Anderson
Director, USACE Learning Center

ECM

Certifications: Jessie Carraway

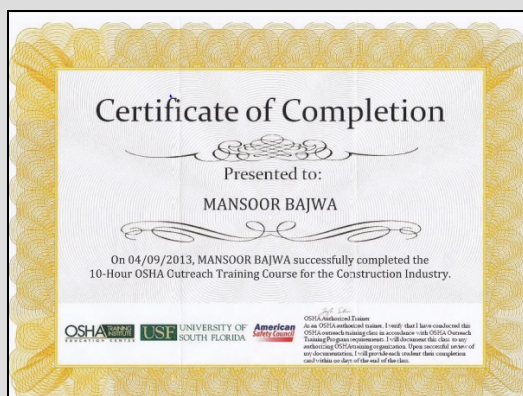
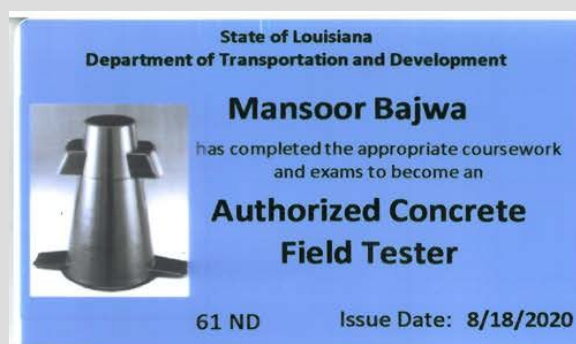


Certifications: Kim Martinez



Certifications:

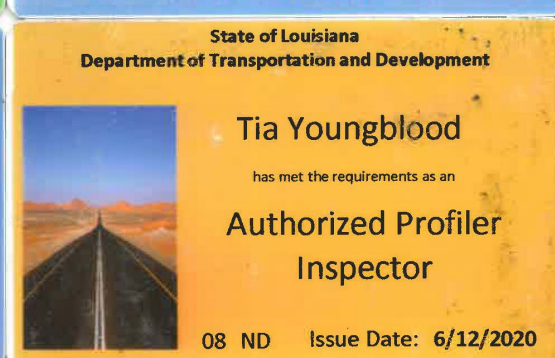
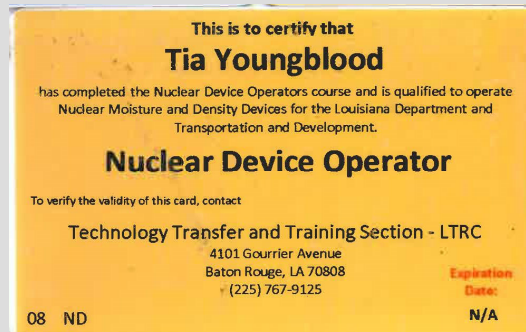
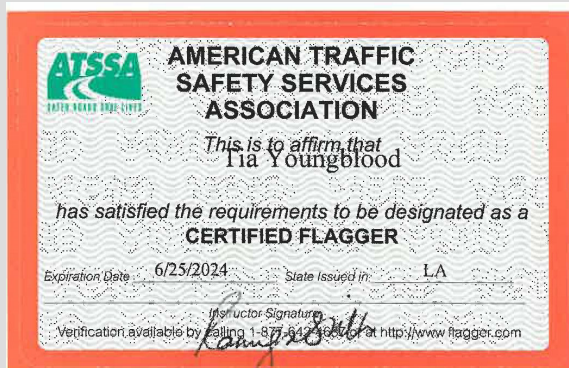
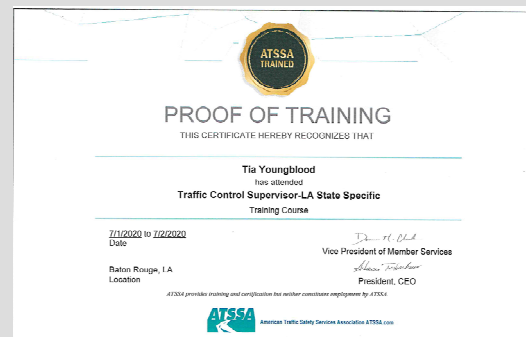
Mansoor Bajwa, E.I.



Certifications: Mark Sanchez



Certifications: Tia Youngblood





PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Chad Broussard

has attended

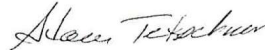
Traffic Control Supervisor Refresher-LA State Specific

Training Course

8/5/2022 to 8/5/2026
Training Valid Through

Baton Rouge, LA
Location


Director of Training


President, CEO

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



American Traffic Safety Services Association ATSSA.com







DON GLADFELTER JR
SWLA ID# 1903367337
13 SSV 5/12/2016

Reciprocal Courses Exp. Date
13 Basic Plus Ref 6/2023



LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapeis.com

Mr. Donald William Gladfelter Jr.


License/Certificate Type - Number

PLS.0004854

Expiration Date

09/30/2023

Status: **Active**

 <p>LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com</p>	
<p>Mr. Anthony James Moore</p>	
License/Certificate Type - Number	Expiration Date
PE.0037887	09/30/2023
Status: Active	
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>	



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Anthony J Moore

has attended

Traffic Control Supervisor Refresher-LA State Specific

Training Course

1/25/2022 to 1/25/2026
Training Valid Through

Baton Rouge, LA
Location

Ramona Smith
Director of Training

Allen T. Johnson
President, CEO

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

This certificate provides proof of training, not certification.



American Traffic Safety Services Association ATSSA.com



Anthony Jackson, III

is hereby certified as a

Traffic Signal Inspector for Advanced Technologies
by completing all requirements and examination for certification
on 1/26/2022

Valid thru 1/26/2025
Certification #AT_117627

Toby Cummings
Toby Cummings, CAE - Executive Director



Anthony Jackson, III

is hereby certified as a

Traffic Signal Senior Field Tech Level III
by completing all requirements and examination for certification
on 1/26/2022

Valid thru 1/26/2025
Certification #CE_117627

Toby Cummings
Toby Cummings, CAE - Executive Director



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Anthony Jackson

has attended

Traffic Control Supervisor Refresher-LA State Specific

Training Course

1/25/2022 to 1/25/2026
Training Valid Through

Baton Rouge, LA
Location

Laurel Smith
Director of Training

Allen T. Johnson
President, CEO

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

This certificate provides proof of training, not certification.



American Traffic Safety Services Association ATSSA.com



U.S. Department
of Transportation
**Federal Highway
Administration**

National Highway Institute



Certificate of Training

ANTHONY JACKSON

has participated in

FHWA-NHI-133121

Traffic Signal Design and Operation

hosted by

LA DOTD/LTRC

Date: December 13-14, 2016

Hours of Instruction: 12

Location: Baton Rouge, LA

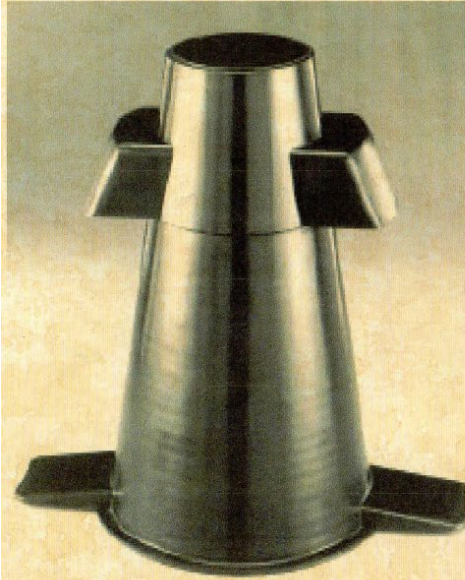
[Signature]
Instructor

Allison H. Landry
Local Coordinator

[Signature]
Instructor

Valerie Briggs
Valerie Briggs, Director
National Highway Institute

State of Louisiana
Department of Transportation and Development

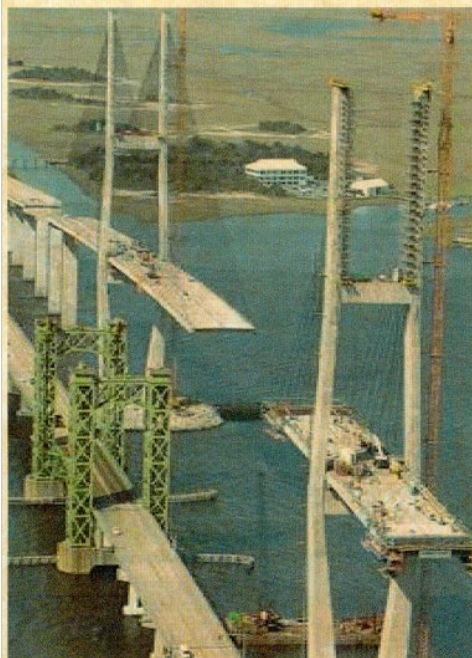


Awards this certificate to

Anthony Jackson
for the
Successful Completion of the Requirements
to become an
Authorized Concrete Field Tester

Department Certifying Authority

State of Louisiana
Department of Transportation and Development



Awards this certificate to

Anthony Jackson
for
Successful Completion of the Requirements
for Certification in
**Structural Concrete
Inspection**

Department Certifying Authority



LOUISIANA UNIFIED CERTIFICATION PROGRAM

Disadvantaged Business Enterprise Program (DBE)

Small Business Element (SBE)

This is to certify that under Title 49, Part 26 of the Code of Federal Regulations
& under the State of Louisiana United Certification Program (LAUCP)

APS Engineering & Testing, LLC

Is a Certified Disadvantaged Business Enterprise (DBE) & Small Business Element (SBE) in the following specialties:

NC221310, NC221320, NC541330, NC541370, NC541380, NC541620, NC541690

NOTE: There may be other approved NAICS Codes. The online DBE Directory includes a complete list of approved codes.

Certificate Eligibility: October 2022 to October 2023

This certificate is valid through the above date provided. This firm meets the on-going programmatic standard and fulfills the annual update requirement to remain in good standing as a DBE. This certification is subject to annual verification and suspension or revocation based upon reasonable cause to believe that the firm is ineligible.

Rhonda Wallace

Rhonda Wallace, DBE/SBE Programs Manager

Louisiana Department of Transportation & Development

21. QA/QC Plan:

If the advertisement requires submission of a QA/QC plan, include them here. Otherwise, leave this section blank. **If a QA/QC plan is included in this section and was not required by the advertisement, it will be redacted.**

Not required

22. Sub-consultant information:

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

Firm Name (Name must match as registered with Louisiana's Secretary of State)	Address	Point of Contact and email address	Phone Number
APS Engineering and Testing, LLC	1645 Nicholson Drive Baton Rouge, LA 70802	Sergio Aviles sergio@aps-testing.com	225-456-5714
Aucoin & Associates, Inc.	PO Box 968 Eunice, LA 70535	Karl J. Aucoin k.aucoin@aucoinandassoc.com	337-457-7366
Arcadis U.S., Inc.	10352 Plaza Americana Drive, Baton Rouge, LA 70816	Anthony Moore, PE Anthony.moore@arcadis.com	504-232-9820

(Add rows as needed)

23. Location:

If location is an evaluation criterion for this advertisement and the prime consultant intends to establish a local presence, describe the plan for doing so. **Otherwise, leave this section blank. Any information included in this section will be redacted if not required by the advertisement.**

Not applicable

ECM Consultants, Inc.

8048 One Calais Ave. Suite F, Baton Rouge, LA 70809
