



STATEMENT OF QUALIFICATIONS

CONTRACT NO. 4400024438

**CONTRACT FOR US 90Z: HARVEY CANAL TUNNEL
REHABILITATION (CE&I)**

STATE PROJECT NO. H.010673

F.A.P. NO. H010673

ROUTE: US 90Z

JEFFERSON PARISH



Submitted To:

Louisiana Department of Transportation & Development

Attention: Mr. Mike Gorbaty

Consultant Contract Services Administrator

1201 Capitol Access Road, Room 405-E

Baton Rouge, LA 70802

Via email: DOTDConsultantAds80@la.gov

Submitted By:

ECM Consultants, Inc.

1301 Clearview Parkway, Suite 200

Metairie, LA 70002

Telephone: 504.885.4080 • Fax: 504.885.1439

ujjal@ecmconsultants.com

In Association with:

Huval & Associates, Inc.

Modjeski and Masters, Inc.

YKH Consulting, LLC (DBE)

GoTech, Inc. (DBE)

APS Engineering & Testing, Inc. (DBE)

October 25, 2022

ECM Consultants, Inc.

Engineers • Architects • Construction Managers

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Mr. Michael "Mike" Gorbaty
Consultant Contract Services Administrator
Department of Transportation and Development
1201 Capital Access Road, Room 405-E
Baton Rouge, LA 70802
DOTDConsultantAds80@la.gov

October 25, 2022

Re: **CONTRACT NO. 4400024438**
CONTRACT FOR US 90Z: HARVEY CANAL TUNNEL REHABILITATION (CE&I)
STATE PROJECT NO. H.010673
F.A.P. NO. H010673
ROUTE: US 90Z
JEFFERSON PARISH

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 the most current version of the DOTD Form 24-102 (Dated March 1, 2022) in response to the Request for Qualifications for the above-referenced contract.

ECM has significant experience in providing Construction Contract Administration and Construction Engineering and Inspection (CE&I) services for tunnels, fixed and movable bridges, PCC pavement and roadway lighting projects for LADOTD and other municipalities. Our experience also includes other work integral to roadways and bridge projects such as subsurface drainage system, utilities relocations, traffic signals and striping etc.

A few examples of our **CE&I experience** in tunnel rehabilitation, movable and fixed bridges and PCC roadway projects include: (1) Belle Chasse tunnel rehabilitation in Plaquemines Parish, (2) Doullut Canal movable Bridge in Plaquemines Parish, (3) Bayou St. Ann movable Bridge over Bayou Terrebonne in Terrebonne Parish, (4) Bayou Lafourche vertical lift movable Bridge at Larose in Lafourche Parish, (5) Belle Chase Bridge, a new Mid-Level fixed span girder bridge in Plaquemines Parish, (6) I-220/I-20 Interchange IMP & BAFB Access Road in Bossier Parish, (7) Severn Avenue PCC roadway improvements in Jefferson Parish, (8) Fleur de Lis Drive (30th Street to Old Hammond Highway), PCC roadway in Orleans Parish.

Our staff includes highly qualified Project Manager, Project Engineers and Lead and Certified Inspectors with the required licenses, certifications, and experience to provide exceptional CE&I services to LADOTD. The ECM Team is comprised of [Huval & Associates, Inc.](#) for mechanical engineering and inspection; [Modjeski and Masters, Inc.](#) for electrical engineering and inspection, [YKH Consulting, LLC, \(DBE\)](#) for electrical engineering and inspection support, [GOTECH, Inc., \(DBE\)](#) for verification survey and [APS Engineering & Testing, LLC \(DBE\)](#) for materials and field testing services.

As our completed 24-102 will illustrate, ECM Team has extensive experience and 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 CE&I 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

(Revised March 1, 2022)

PROPOSAL TO PROVIDE CONSULTANT SERVICES


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

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

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

1. Contract title as shown in the advertisement	CONTRACT FOR US 90Z: HARVEY CANAL TUNNEL REHABILITATION (CE&I)
2. Contract number(s) as shown in the advertisement	4400024438
3. State Project Number(s), if shown in the advertisement	H.010673
4. Prime consultant name (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)	1301 Clearview Parkway, Suite 200 Metairie, LA 70001
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Ujjal Dasgupta, PE President O: (504) 885-4080, C: (504) 231.7605 ujjal@ecmconsultants.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Ujjal Dasgupta, PE President O: (504) 885-4080, C: (504) 231.7605 ujjal@ecmconsultants.com

Prime consultant name: *ECM Consultants, Inc.*

<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>	<p>Signature (shall be the same person as #9):</p>  <hr/> <p>Date: October 25, 2022</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. GoTech, Inc. YKH, LLC</p>	<p><u>Firm(s)' %:</u></p> <p>4% 2% 4%</p>

Prime consultant name: *ECM Consultants, Inc.*

12. Past Performance Evaluation Discipline Table: Sub-consultants are allowed to be used for this proposal. Fill in the table by identifying only those evaluation disciplines consistent with the approach and methodology proposed in Section 18 of the DOTD Form 24-102*, the name of each firm that is part of the proposal, and the percentage of work in each past performance evaluation discipline to be performed by that firm. The percentage estimated for each evaluation discipline is for evaluation purposes only and will not control the actual performance or payment of the work. 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. (Add rows and columns as needed)

Evaluation Discipline(s)	% of Overall Contract	Prime ECM	Firm B HUVAL	Firm C M&M	Firm D YKH (DBE)	Firm E APS (DBE)	Firm F GoTech (DBE)	Each Discipline must total to 100%
CE&I/OV	94%	72.3%	12.8%	10.6%	4.3%			100%
Other (Testing)	4%					100%		100%
Survey	2%						100%	100%
								100%
			Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant.					
Percent of Contract	100%	68%	12%	10%	4%	4%	2%	-----

The only past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other. The crosswalk from the old categories to the new categories can be found at the link below:

http://www.sp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/General%20Information/CPPR%20Crosswalk%20to%20New%20Evaluation%20Disciplines.pdf. (Same link as in the advertisement)

Prime consultant name: *ECM Consultants, Inc.*

13. Firm Size:

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

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

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
ECM Consultants, Inc.	Principal	1	2
ECM Consultants, Inc.	Supervisor - Engineer	2	4
ECM Consultants, Inc.	Supervisor -Other	0	2
ECM Consultants, Inc.	Engineer	3	8
ECM Consultants, Inc.	Pre-Professional	0	2
ECM Consultants, Inc.	Administrative	1	2
ECM Consultants, Inc.	Clerical	0	2
ECM Consultants, Inc.	Project Office Manager	0	1
ECM Consultants, Inc.	Senior Technician	2	4
ECM Consultants, Inc.	CADD Technician	0	2
ECM Consultants, Inc.	CADD Operator	0	1
ECM Consultants, Inc.	Inspector - Lead	2	5
ECM Consultants, Inc.	Inspector - Certified	4	8
ECM Consultants, Inc.	Inspector - Bridge	0	2
ECM Consultants, Inc.	Inspector	1	12
Huval & Associates, Inc.	Principal	0	1
Huval & Associates, Inc.	Supervisor Engineer	1	5
Huval & Associates, Inc.	Engineer	3	15
Huval & Associates, Inc.	Engineer Intern	0	6
Huval & Associates, Inc.	Technician	0	2

Prime consultant name: *ECM Consultants, Inc.*

Huval & Associates, Inc.	CADD Technician	1	3
Huval & Associates, Inc.	CADD Drafter	1	3
Huval & Associates, Inc.	Inspector-Certified	0	6
Modjeski and Masters, Inc.	Principal	0	7
Modjeski and Masters, Inc.	Supervisor Engineer	0	15
Modjeski and Masters, Inc.	Supervisor -Other	0	11
Modjeski and Masters, Inc.	Engineer	1	6
Modjeski and Masters, Inc.	Engineer - Other	0	21
Modjeski and Masters, Inc.	Engineer Intern	0	19
Modjeski and Masters, Inc.	Professional	0	1
Modjeski and Masters, Inc.	Senior Technician	0	3
Modjeski and Masters, Inc.	Technician	0	2
Modjeski and Masters, Inc.	CADD Technician	0	9
YKH Consulting, LLC	Engineer	3	12
YKH Consulting, LLC	Principal	1	3
YKH Consulting, LLC	Administrative	1	2
YKH Consulting, LLC	Professional	3	12
YKH Consulting, LLC	Project Office Manager	1	5
GoTech, Inc.	Surveyor	1	2
GoTech, Inc.	Supervisor-other	1	2
GoTech, Inc.	Party Chief	1	3
APS Engineering and Testing, Inc.	Engineer	1	5
APS Engineering and Testing, Inc	Technician	2	18

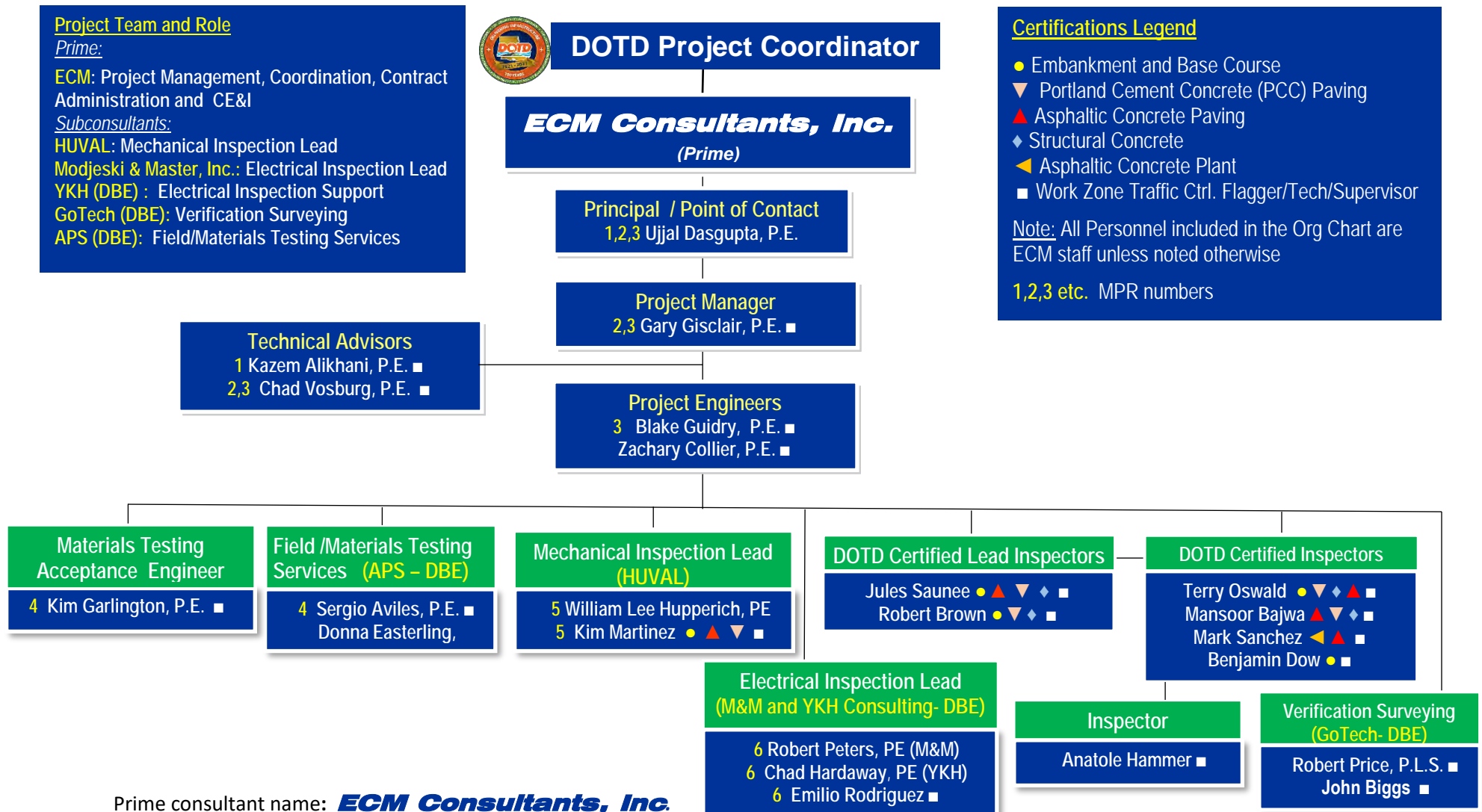
(Add rows as needed)

Prime consultant name: *ECM Consultants, Inc.*

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.

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license / certification & number	State of license	License / certification expiration date
1	Ujjal Dasgupta, P.E. (51 years' experience)	ECM Consultants, Inc. (Prime)	Civil Engineer Professional Engineer (P.E.) PE.0019849	LA	PE.0019849 Exp. 09/30/2023
	Kazem Alikhani, P.E. (41 years' experience)	ECM Consultants, Inc. (Prime)	Mechanical Engineer, Environmental Engineer, Professional Engineer (P.E.) PE.0025073	LA	PE.0025073 Exp. 03/31/2024
2	Ujjal Dasgupta, P.E. (51 years' experience)	ECM Consultants, Inc. (Prime)	Civil Engineer Professional Engineer (P.E.) PE.0019849	LA	PE.0019849 Exp. 09/30/2023
	Gary Gisclair, P.E. (38 years' Experience)	ECM Consultants, Inc. (Prime)	Civil Engineer Professional Engineer (P.E.) PE. 0022813	LA	PE.0022813 Exp. 09/30/2024
	Chad Vosburg, P.E. (27 years' experience)	ECM Consultants, Inc. (Prime)	Civil Engineer Professional Engineer (P.E.) PE.0027677	LA	PE.0027677 Exp. 09/30/2024
3	Ujjal Dasgupta, P.E. (51 years' experience)	ECM Consultants, Inc. (Prime)	Civil Engineer Professional Engineer (P.E.) PE.0019849	LA	PE.0019849 Exp. 09/30/2023
	Gary Gisclair, P.E. (38 years' Experience)	ECM Consultants, Inc. (Prime)	Civil Engineer Professional Engineer (P.E.) PE. 0022813	LA	PE.0022813 Exp. 09/30/2024
	Chad Vosburg, P.E. (27 years' experience)	ECM Consultants, Inc. (Prime)	Civil Engineer Professional Engineer (P.E.) PE.0027677	LA	PE.0027677 Exp. 09/30/2024

Prime consultant name: *ECM Consultants, Inc.*

	Blake Guidry, P.E. (10 years' experience)	ECM Consultants, Inc. (Prime)	Civil Engineer Professional Engineer (P.E.) P.E.0041362	LA	PE.0041362 Exp. 09/30/2023
4	Kim Garlington, P.E. (38 years' experience)	ECM Consultants, Inc. (Prime)	Civil Engineer Professional Engineer (P.E.) PE.0023848	LA	PE.0023848 Exp. 09/30/2024
	Sergio Aviles, P.E. (20 years' experience)	APS Engineering and Testing, LLC (Sub)	Civil Engineer Professional Engineer (P.E.) P.E.0033571	LA	PE.0033571 Exp. 03/31/2024
5	William Lee Hupperich, PE (25 years' experience)	Huval & Associates, Inc. (Sub)	Mechanical Engineer Professional Engineer (P.E.) P.E.0030451	LA	PE.0030451 Exp. 03/31/2023
	Kim Martinez (39 years' of experience)	ECM Consultants, Inc. (Prime)	DOTD certified inspector for Asphalt, PCC, Embankment & Base course.		NA
6	Robert I. Peters, PE (32 years' experience)	Modjeski and Masters, Inc.	Electrical Engineer Professional Engineer (P.E.) P.E.0044769	LA	PE.0044769 Exp. 03/31/2023
	Chad Hadaway, PE (20 years' experience)	YKH Consulting, LLC (Sub)	Electrical Engineer Professional Engineer (P.E.) P.E.0033606	LA	PE.0033606 Exp. 03/31/2024
	Emilio Rodriguez (33 years' experience)	ECM Consultants, Inc. (Prime)	NACE certified Coating inspection Level II, LADOTD Movable Bridge Inspection Workshop.		NA

Prime consultant name: *ECM Consultants, Inc.*

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	Ujjal DasGupta, P.E.		Years of relevant experience with this employer
Title	President		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		B.S. / 1968 / Civil Engineering; ATSSA Work Zone Traffic Control Flagger, Technician & Supervisor (Expired. Scheduled for Nov.10, 2022); LPA Core Training Module	
Active registration number / state / expiration date		0019849 / LA /09-30-2023	
Year registered	1982	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Mr. DasGupta will serve as the Principal and POC for this contract. His vast experience in managing several roadway tunnels inspections and complex Movable bridges CE&I projects including major roadway improvements will be an asset this contract. He has over 52 years of experience in project management, civil and structural engineering design, construction management, and construction engineering & inspection (CE&I) services. Mr. DasGupta meets MPRs 1- 3.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
05/10-08/12	S.P. No. 700-38-0110 Belle Chasse Tunnel Rehabilitation, LADOTD, Plaquemines Parish, LA: Mr. Dasgupta served as Project Principal/POC for this \$2.1 tunnel rehabilitation project and was responsible for overall performance, QA/QC and contract management. ECM provided field inspection, design support and construction administration for rehabilitation of the tunnel. ECM's scope of services included, Field inspection for physical condition assessment of the elements of the tunnel included in the scope ; Assist in preparation of report and cost estimates for approved rehabilitation items; Assist in preparation of bid documents; Attend the pre-construction meeting; Provide Construction Administration including Managing RFIs and Change Requests from contractor; Keeping clear and concise records of the contractual operations; Managing RFIs and Change Requests from contractor and Attending substantial and final completion inspections.		
02/08 – 08/13	S.P. No. 713-38-0001 (CE&I), Doullut Canal Movable Swing Bridge construction, LADOTD, Plaquemines Parish, LA: Mr. DasGupta served as Project Manager for providing CE&I services this \$11.8 million swing movable bridge construction project for LADOTD. Project involved removal of existing bridge and construction of a movable steel girder bridge with concrete bridge piers and concrete slab span approaches over Doullut Canal. This 150' unequal arm steel swing span bridge is operated by dual hydraulic motors and provides access to Highway 11 , which had been closed since Hurricane Katrina. Project scope included driving piles, concrete piers, cofferdam, steel girders, bolted connections, and field paint inspection of all girders and other steel members of the swing bridge. His responsibilities included overall supervision, document reviews, coordination, and QA/QC for the project.		

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

03/14 - 03/16	S.P. No. 4400004383, Harvey Tunnel Inspection, LADOTD, Jefferson Parish, LA. Served as Project Principal for this project. ECM provided visual inspection, documentation and report preparation support services for the Harvey Tunnel in accordance with the National Tunnel Inspection Standards (NTIS). The scope for visual inspection of the project included structural elements; drainage system; electrical systems including tunnel lighting, traffic control, CCTV, fire/incident detection, Power Distribution, Supervisory Control and Data Acquisition systems and mechanical system including pumps, ventilation and standpipe. ECM's scope of services included, but not limited to: Field inspection with the project team; Inspection of tunnel and approach pavements, tunnel walls, drainage, portal buildings; Report preparation support and reviews and Cost estimating.
01/12 – 03/14	S.P. No. H.006318.6 (CE&I): St. Ann Movable Swing Bridge over Bayou Terrebonne, Terrebonne Parish, LA : Mr. DasGupta served as principal-in-charge for this CE&I project that involved removal of an existing single lane steel truss swing span bridge structure, existing fender system, timber bulkhead, and existing timber piling and construction of a new \$4.2 million bobtail 90' single swing movable steel girder bridge with concrete bridge piers over Bayou Terrebonne. New construction also included , concrete slab bridge approaches, concrete approach slabs, timber fender system, operator house , navigational lighting, grading, aggregate surfacing, and asphaltic concrete roadway paving.
01/09-12/13	S.P. No. 064-05-0085 (CE&I), Bayou Lafourche Vertical Lift Bridge at Larose, LADOTD, Lafourche Parish, LA: Mr. Dasgupta served as Principal and Contract Manager for the CE&I services for this \$32 million vertical lift movable bridge . This new bridge replaced the former LA 310 bridge at LA 657 extension to LA 308. This is the largest span lift bridge in the state of Louisiana. The scope of work included marine pile driving, concrete piers, concrete towers, installation of structural steel members for the movable bridge, sheaves, cables, barriers, guard rails, field painting, and concrete approaches. This project is the 3rd largest ARAA funded transportation project in the State. His responsibilities included overall management and to ensure that all contractual requirements are met.
06/07-07/10	S.P. No. 742-26-0030, Lapalco Boulevard Improvements (US 90 to Segnette Blvd), LADOTD/JP-DPW, Jefferson Parish, LA: Mr. Dasgupta served as Project Manager for CE&I services for this \$10.8 million urban systems asphaltic concrete roadway project involved widening of the existing roadway including shoulder, rehabilitation of a two-lane existing asphalt roadway including cold planing, excavation, widening, class II base course, and Superpave asphaltic concrete and striping and construction of a new two lane asphaltic concrete roadway that included embankment, class II base course, asphaltic base and wearing courses, utilities, subsurface drainage, striping, and traffic signals widening of an existing concrete girder span bridge, and a new concrete girder span bridge .
01/21- Ongoing	S.P. No. H.004791 (CQCM), Belle Chase Bridge and Tunnel Replacement, P3, Design-Build Project, Plaquemines Parish, LA. Mr. Dasgupta is serving as Technical Advisor for the Construction Quality Control Management (CQCM) services provided by ECM for this \$182 million, P3 design-build project to construct a new Mid-Level fixed span bridge that will span the Intracoastal Waterway on Louisiana Highway 23. The project will include the demolition of the existing Perez Bridge and Tunnel. The new bridge is being constructed to current clearance standards for marine vessels as required by the US Coast Guard. This work includes pile load testing, pile driving, installing prestressed concrete girders, steel girders, concrete deck, on grade roadway including earthwork, subbase and base, drainage, utilities relocation, PCC pavement, Asphaltic Concrete pavement, concrete barrier railing, roadway lighting, MSE Wall construction and striping. ECM's Quality Control team of engineers and LADOTD certified inspectors are responsible for sampling and testing to ensure compliance with the project's plans and specifications.
11/16- 02/20	S.P. No. H.007259 (CE&I): Fleur De Lis Drive Reconstruction (30th-Old Hammond Hwy), LADOTD; Orleans Parish, LA: Mr. DasGupta served as the Principal for this \$12 million 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 included roadway removal, excavation, grading, class II base course, Portland cement concrete (PCC) 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. Dasgupta provided overall supervision for performance meeting all contract requirements

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

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	Gary Gisclair, P.E.		Years of relevant experience with this employer	1
Title	Project Manager		Years of relevant experience with other employer(s)	37
Degree(s) / Years / Specialization			B.S. / 1981 / Civil Engineering	
Active registration number / state / expiration date			0022813 / LA / 9-2024	
Year registered	1987	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Mr. Gisclair will serve Project Manager for this contract. He has over 38 years of service Civil Engineering in Construction & Maintenance of DOTD Roads and Bridges and Public Works Project. Mr. Gisclair worked for DOTD for 33 Years. He has been employed as a Project Engineer, Area Engineer and Assistant District Administrator. Mr. Gisclair will be responsible for overall management of CE&I services for this project.. He will meet MPR 2 & 3.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
01/01 – 04/06	SPN 246-01-0046 – Bayou Terrebonne Bridges & Approaches - \$5.8 Million Construction cost – This was project was a Terrebonne Parish moveable Bridge Project with Federal funds where DOTD Construction staffed the Inspection and performed all CE&I Services on the project. It was an electrical lift-span bridge bringing traffic from the northside of Bayou Terrebonne to the Southside of Bayou Terrebonne at the LA 55 & LA 57 intersection. Construction involved concrete pile driving; pouring of concrete caps & Piers; forming and pouring of concrete decks on the approach spans and erection of the steel structure to support the steel grid span deck; construction of the operator's house and fender system. Mr. Gisclair was the Project Engineer over the field Inspection Staff on this project.			
03/07 – 01/10	H.001475 (SPN 064-30-0035) – LA 1 Fourchon to Leeville Bridge (Phase 1A) – \$137.7 Million Construction Cost – This was the 5.34-mile-long fixed concrete bridge constructed over marshlands in Lafourche Parish, replacing LA 1 between LA 3090 at Port Fourchon to Leeville. Due to the environmental requirements where no direct contact with the marshlands was allowed, (construction of haul roads or canal dredging), the bridge was built utilizing “Top-Down Construction”. Top-Down Construction involved building a steel pile supported steel temporary moveable bridge 1,550' in length which supported all construction equipment, and the permanent concrete bridge was built below the temporary bridge structure. Construction involved building the moveable temporary steel bridge to support all construction equipment, Concrete pile driving, setting of precast concrete caps,			

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

	setting of precast concrete girders and concrete SIP panels, pouring of concrete decks and concrete barrier rails. DOTD staffed all CE&I services on this project and Mr. Gisclair was the DOTD Project Engineer over this project
09/09 – 04/11	H.001436 (SPN 064-01-0040) – Caminada Bay Bridge - \$53.3 Million Construction Cost – This was the $\frac{3}{4}$ mile fixed concrete bridge constructed over Caminada Bay replacing the existing bridge of LA 1 which connected the mainland of south Louisiana to Grand Isle in Jefferson Parish. Construction involved Concrete pile driving, pouring of concrete caps, setting of concrete girders and concrete SIP panels, pouring of concrete decks and concrete barrier rails. Construction also involved building of an asphaltic concrete base course, an asphaltic concrete overlay and installation of Plastic Pavement Striping on LA 1 on both the north approach and south approach to the new Caminda Bay Bridge. DOTD staffed all CE&I services on this project and Mr. Gisclair was the DOTD Project Engineer over this project
06/09 – 11/14	H.001451 – (SPN 064-05-0085) – Bayou Lafourche Bridge at Larose - \$31.4 Million Construction Cost – This was the new vertical lift span moveable bridge built crossing Bayou Lafourche in Larose, bringing traffic from LA 3235 to LA 308. ECM was the Consultant hired to perform the CE&I Services and Mr. Gisclair was the DOTD Project Coordinator on the project.
05/12 – 04/16	H.008417 – Houma Navigational Canal Bridge Rehabilitation - \$13.4 Million Construction Cost – This was a rehabilitation project for the Houma Navigational Canal Swing Span Bridge , crossing the Houma Navigational Canal waterway. A new operator's house was built with all new electrical motors and controls, a new hydraulic operating system installed, and a new fender system was built. DOTD staffed all CE&I services on this project and Mr. Gisclair was the DOTD Project Engineer over this project.
06/10 – 01/11	H.001458 – (SPN 064-06-0048) – Overlay of LA 1 in Mathews – \$1.8 Million Construction Cost – This was an asphaltic concrete overlay of LA 1 , from US 90/LA 1 Intersection to the lift span bridge spanning Bayou Lafourche at the intersection of LA 308 & LA 654 to the Gaines highway. Construction involved the milling of LA 1, Asphaltic Concrete patching of LA 1 and an Asphaltic Concrete Wearing overlay and installation of Plastic Pavement Striping on LA 1. DOTD staffed all CE&I services on this project and Mr. Gisclair was the DOTD Project Engineer over this project.
09/11 – 12/11	H.001452 – (SPN 064-05-0086) – (Route LA 1 & LA 308) – Left Turn Lane South of Lockport - \$584,545 Construction Cost – This was the left turn lane built on LA 308 south of Lockport to allow northbound traffic on LA 308 approaching a swing span bridge spanning Bayou Lafourche to turn left onto the bridge to go to LA 1. This also constructed a left turn lane on south-bound LA 1 traffic approaching the swing span bridge to turn left on to the bridge to go to LA 308. Construction involved removal of existing asphaltic concrete shoulders, construction of asphaltic concrete base, binder and wearing course and installation of Plastic Pavement striping. DOTD staffed all CE&I services on this project and Mr. Gisclair was the DOTD Project Engineer over this project.

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

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 Hadjialikhani, P.E.		Years of relevant experience with this employer	6
Title	Chief Executive Officer / Project Manager		Years of relevant experience with other employer(s)	35
Degree(s) / Years / Specialization		M.S./1984/Engineering Concentration in Civil, Hydraulic & Hydrology B.S./1980/Mechanical Engineering. ATSSA Work Zone Traffic Control Flagger, Technician & Supervisor		
Active registration number / state / expiration date		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 one of the Technical Advisors and provide technical support as and when necessary.. He has over 41 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. Mr. Alikhani meets MPR 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 time specified in the applicable MPR(s).			
08/17 – 09/20	I-10: Highland to LA 73 Design-Build Project LADOTD East Baton Rouge/Ascension Parish, LA. Mr. Alikhani served as Project Manager for this project and managed overall contract and oversaw ECM's engineering and inspection team responsible for verifying that the work is performed in compliance with the project's plans and specifications. This \$72 million design-build project involved widening of 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 and replace/modify six bridges . Construction included pile driving, installing prestressed concrete girders , bridge deck and elevated roadway, on grade roadway including earthwork, subbase and base, drainage, utilities relocation, PCC pavement , concrete barrier railing and roadway lighting.			
03/14-08/16	Lapalco Boulevard Bascule Bridge over Harvey Canal: Mr. Alikhani oversaw this major bridge improvement project for repairs and rehabilitation. This bascule bridge has two lanes of traffic in each direction and has a daily average traffic count of 21,000 vehicles. Following a comprehensive inspection, a detailed report was generated that included need for the repairs and determined the scope of work to be performed. Based on the inspection			

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

	report, plans and specifications were prepared to repair concrete spalls in median barriers, roadway joints, exterior girders, columns, piers and parapet posts, repairs to cracks in the roadway deck, repair of spalls along the roadway deck edge at the curtainwall, replace loose, missing or deteriorated bolts, remove and replace lateral end connections, remove and replace clip angle, repair crack welds, replace steel pipe railing, replace span locking mechanism, adjust rear line load assemblies, bascule span balancing, replace brake shoes and adjust motor and machinery brakes, and adjust trunnion bearing clearance and other related items. The repair/rehabilitation cost was \$5M
05/18 -05/20	SP H.012420.6 I-110 Interchange Modifications at Terrace Ave., Baton Rouge, LA, LADOTD: Mr. Alikhani served as Project Manager for construction 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 is constructed on the left side of I-110 southbound allowing traffic to exit onto Terrace Ave. Nineteen drill shafts were 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 included a widening of the I-110 southbound roadway span and installation of new signage. He was responsible for supervision of inspectors and managing overall performance of the contract.
08/19-Ongoing	I-220 S.P. No. H.003370/I-20 Interchange IMP & BAFB Access Road- Design-Build, LADOTD, Bossier Parish, LA. Mr. Alikhani is serving Project Principal for this \$71.8 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, concrete barrier railing, roadway lighting and striping. He is responsible for overall management of the contract and monitoring performance of the ECM's quality control team of engineers and LADOTD certified inspectors to ensure compliance with the project's plans and specifications.
05/19-Ongoing	S.P. No. 013579, Pecue Lane/I-10 Interchange Phase II: Bridges Over I-10, LADOTD, East Baton Rouge Parish, LA. Mr. Alikhani is serving as Project Manager for this \$14.6 million project to build mechanically stabilized earth walls on either side of I-10, demolish the existing two-lane bridge over I-10, realign Pecue Lane, and build two multi-lane bridges over I-10 in East Baton Rouge Parish. This project is phase II of a multi-phase effort in East Baton Rouge Parish Government's Green Light Plan. The project includes mechanically stabilized earth walls including earthwork, footing and backfill of reinforcement zone, constructing two bridges including pile driving, installing prestressed concrete girders, and bridge deck, elevated roadway, on grade roadway including earthwork, subbase and base, drainage, PCC pavement, concrete barrier railing, roadway lighting and striping. He oversees overall performance of the contract.

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

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	Chad Vosburg, P.E.		Years of relevant experience with this employer
Title	Vice President -Construction		3
Degree(s) / Years / Specialization		Years of relevant experience with other employer(s)	
		25	
Active registration number / state / expiration date		1992/Civil Engineering/ LA PE 27677; ATSSA Work Zone Traffic Control Flagger, Technician, Supervisor, NHI Inspection of In-Service Bridges	
Year registered	27677 / LA / 9-2024	Discipline	
	1998	Civil Engineering	
Contract role(s) / brief description of responsibilities		Mr. Vosburg will serve as one of the Technical Advisor for this project and provide technical support as and when necessary. He has more than 28 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. Mr. Vosburg meets MPR 2, and 3	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
06/09 – 03/11	S.P. No. 450-08-0051: I-10: Mississippi River Bridge Rehabilitation, LADOTD, East & West Baton Rouge Parishes, LA: Mr. Vosburg served as DOTD Area Engineer for this \$16.1 million project involving major structural repairs to the bridge superstructure , including gusset plate and pinned connections, signage, Epoxy-Urethane bridge deck overlay and related work. In addition to being responsible for Construction Engineering and Inspection work, Mr. Vosburg was also involved in Project Development to make the project constructible, to be able to offload needed materials on the superstructure, and to maintain traffic while completing the work.		
05/13 – 08/16	S.P. No. H.001940: Sunshine Bridge Rehabilitation Phase 2, LADOTD, Ascension Parish, LA: Mr. Vosburg served as District Administrator for this \$25.1 million project rehabilitation of a major Mississippi River bridge crossing , with maintenance and preservation such as concrete barrier rail, guardrail, expansion joint rehabilitation, and painting the entire superstructure. Mr. Vosburg's involvement also included public outreach and working with industrial plants in the area to plan project work to be completed with the least inconvenience and traffic delays to motorists and workers in the area.		

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

05/03 – 08/11	S.P. No. 052-02-0024: Audubon Bridge and Approaches, LADOTD, Pointe Coupee & West Feliciana Parishes, LA: Mr. Vosburg served as DOTD Area Engineer and coordinated with a project team for this \$410 million design-build project involving installation of a major Mississippi River bridge crossing that included a 3186-foot-long cable stayed bridge, four smaller bridges, concrete barrier rail, guardrail, and approach roadways that traversed West Feliciana and Pointe Coupee Parishes. Work included verification that specifications and standards were being met for all components of the cable stayed bridge and approach roadway on both sides of the new bridge. Work also included analyzing design modifications that were issued by the contractor, reviewing remedial work to correct work that did not meet requirements, coordination with local municipalities on closing existing ferry facilities prior to bridge opening, and other related duties that required coordination with DOTD, parish, city and contracting staff.
08/17 – 09/20	I-10: Highland to LA 73 Design-Build Project, LADOTD, East Baton Rouge/Ascension Parish, LA: Mr. Vosburg serving as ECM's Construction Manager 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 for replacing I-10 bridge over Highland Road, widening and rehabilitating I-10 bridge over Bayou Manchac, increasing the vertical clearance and rehabilitating LA 928 over I-10, and replacing I-10 over LA 73, which include safety railing and barriers.
08/19-Ongoing	I-220 S.P. No. H.003370/I-20 Interchange IMP & BAFB Access Road- Design-Build, LADOTD, Bossier Parish, LA: Mr. Vosburg is serving as Project Manager for this \$77 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 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, and Asphaltic Concrete pavement.
06/12 – 06/17	S.P. No. H.000343.6: US 190 Mississippi River Bridge Cleaning, Painting and Repair Phase 1, LADOTD, East & West Baton Rouge Parishes, LA: Mr. Vosburg served as DOTD District Administrator with broad supervision over Construction Engineering and Inspection (CE&I) for this \$74.9 million construction project which involved cleaning, painting, major structural repairs, striping and signage, phased construction, electrical systems repairs, guardrail painting and marking enhancement and waterway and aerial navigational light improvements. Mr. Vosburg's involvement also included project development and working with local elected officials during construction to provide information and notice of on-going project operations throughout the duration of the project.
09/11 – 07/12	S.P. No. H.011224: US 190: Roadway Repair and Replacement, 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, LA. Mr. Vosburg's role included development of the project scope and attendance of public meetings for DOTD. He was responsible for Construction Contract Administration for the project.

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

16. Staff Experience:

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Firm employed by ECM Consultants, Inc.			
Name	Blake Guidry, P.E.		Years of relevant experience with this employer
Title	Project Engineer		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		B.S. / 2012 / Civil Engineering	
Active registration number / state / expiration date		PE .0041362 / LA / 09-2023	
Year registered	2017	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Mr. Guidry will serve as Project Engineer. He meets MPR No. 3	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
04/14 – 04/15	S.P. No. H.010638: Widening of River Road (Government St – Centerville St) : Mr. Guidry served as an Assistant Project Engineer for this construction Engineering and inspection (CE&I) project involving the widening, patching, and overlay on River Road in Denham Springs in Livingston Parish. His was the point of contact for the LADOTD Project coordinator and the City of Denham Springs, the client. He coordinated with the contractor for scheduling and assigning DOTD staff inspectors on the job and to notify the local public for lane closures. His responsibilities for included overseeing the inspectors, preparing change orders, monthly pay estimates, coordination with all utility entities, document management and compiled the Form 2059, final closeout documentation for final acceptance.		
08/15-12/16	S.P. H.011668 Essen Lane Bridge Widening, East Baton Rouge Parish Mr. Guidry served as DOTD Assistant Project Engineer for this construction Engineering & inspection (CE&I) project. In addition to widening of the deck, work also included addition of an additional travel lane on northbound Essen Lane, new signalized intersections, new ADA ramps at all driveways and intersections and additional drainage capacity. His responsibilities included coordination for utility relocations, attend weekly public relation meetings, attend progress meetings, review monthly pay estimates, review RFIs , prepare plan changes, coordination with Kansas City Railroad and the contractor and prepare final close our documents for acceptance including 2059.		
10/15-12/16	S.P. H.007961 – LA 410 – Blackwater Bayou Bridge, East Baton Rouge Parish: Mr. Guidry served as DOTD Assistant Project Engineer for this construction inspection (CE&I) project involving the removal and replacement of a concrete slab span bridge located on LA 410 in East Baton Rouge Parish. The construction included removing the existing bridge, driving 16” precast concrete piles for a new slab span bridge across Blackwater Bayou, base repair, asphaltic concrete approaches, guardrail installation, and drainage improvements to properties adjacent to the bridge site. His contract administration duties included project coordination, attending progress meetings, document management, data entry in SiteManager, manage		

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

	RFIs, review plan change requests, review monthly pay estimates, prepare plan changes, keep concise record of all documents, and project closeout documentation for final acceptance, including the 2059.
10/15-12/17	S.P. H.010659 Rafe Meyer Bridges, East Baton Rouge Parish: Mr. Guidry served as the DOTD Coordinator in the Project Engineer's office for the Off-System Bridge replacement of two slab span bridges located on Rafe Meyer Road in East Baton Rouge Parish. Mr. Guidry served as contract administrator over the construction inspection and engineering (CE&I) project performed by a consulting firm. Mr. Guidry was present at all project updates and included on all discussions regarding changes or problems occurring in the field. He also made independent site visits as well as having inspector's present during the critical phases of construction. Mr. Guidry was involved in the decision with the DOTD Secretary, Contractor, and local government officials to postpone bridge No. 2's removal in the aftermath of the August 2016 flood.
10/17-07/19	S.P. No. H.011295: LA. 73 : (Government Street - East Blvd - Lobdell), LADOTD, East Baton Rouge Parish, LA Mr. Guidry served as DOTD Project Engineer for this Road Transfer project. In addition to overseeing CE&I project , he was also involved in Public Outreach, working with City officials and Public Meetings to assist the District Administrator. 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" and access management to incorporate bicycle and pedestrian friendly concepts and safety improvements including a roundabout installation at the intersection of Lobdell and Government Street His duties included project coordination, attending progress meetings, document management, data entry in SiteManager , manage RFIs, review plan change requests, review monthly pay estimates, prepare plan changes, and keeping concise record of all documents.
09/17 – 4/19	S.P. H.010560: Essen Lane Widening, East Baton Rouge Parish, LA Mr. Guidry served as the Project Engineer for construction of this \$7.9 million roadway 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. The new intersection work included the installation of 16 mast arms but hydro-excavation, traffic signal cabinet installation, loop detectors, pedestrian cross walks, video detection with emergency vehicle preemption, and signal heads. He coordinated the work and schedules inspections with the City of Baton Rouge, LADOTD Section 45, and LADOTD District 61 Traffic section. His contract administration duties included project coordination, attending progress meetings, document management, data entry in SiteManager, manage RFIs, review plan change requests, review monthly pay estimates, prepare plan changes, and keeping concise record of all documents.
08/19-10/20	S.P. No. 009250 I-10: Highland to LA 73 Design-Build Project, LADOTD, East Baton Rouge/Ascension Parish, LA. Mr. Guidry served as Assistant Project Engineer for Construction Quality Assurance (CQA) services for this \$72 million highway construction project to widen I-10 from four to six lanes in both east and westbound directions including adding deceleration and acceleration lanes at the Highland Road and LA 73 interchanges. Work included unclassified excavations, embankment, base course, PCC roadway paving, concrete guard rails, striping, drainage, roadway lighting replacement, roadway lighting replacement, and bridge modifications including replacing I-10 bridge over Highland Road , widening and rehabilitating I-10 bridge over Bayou Manchac, increasing the vertical clearance and rehabilitating LA 928 over I-10, and replacing I-10 over LA 73. He assisted Project Engineer and prepared close out documents including final estimate and 2059
03/21-Present	S.P. No. H.011767 Bayou Crab Road Bridge, Assumption Parish: Mr. Guidry serves as Project Engineer for this construction Engineering & inspection (CE&I) project involving the removal and replacement of a concrete slab span bridge located on LA 400 in Assumption Parish. The construction includes removing the existing timber bridge, driving 16" precast concrete piles for a new slab span bridge across Normand Canal, base repair, asphaltic concrete approaches, and guardrail installation His contract administration duties include project coordination, attending progress meetings, document management, data entry in SiteManager, manage RFIs, review plan change requests, review monthly pay estimates, prepare plan changes, keep concise record of all documents, and project closeout documentation for final acceptance, including the 2059.

Prime consultant name: *ECM Consultants, Inc.*

16. Staff Experience:

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Firm employed by ECM Consultants, Inc.			
Name	Zachary Collier, P.E.		Years of relevant experience with this employer
Title	Project Engineer		3
Degree(s) / Years / Specialization		Years of relevant experience with other employer(s)	
		5	
Active registration number / state / expiration date		B.S./ 2014/ Civil Engineering , ATSSA Work Zone Traffic Control Flagger, Technician	
Year registered		#42957/LA/ 3/31/2023	
Discipline		Civil Engineering	
Contract role(s) / brief description of responsibilities		Mr. Collier has about 8 years of experience working on construction engineering and Inspection projects. He worked for LADOTD for 4 years In District 61 Project Engineer's Office. His projects included roadway and bridge construction , roadway rehabilitation, drainage repair and enhancements, utilities relocations, and pedestrian facility improvements. His duties and responsibilities included administering state construction contracts, plan review, staffing construction projects with certified inspectors, change order reviews and approvals. Mr. Collier will serve as Project Engineer 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 time specified in the applicable MPR(s).		
09/19-Ongoing	Pecue Lane/I-10 Interchange Phase II: Bridges Over I-10, LADOTD, S.P. No. H.013579, East Baton Rouge Parish, LA: Mr. Collier serves as the Project Engineer for this \$14.6 million overpass construction 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. He is providing contract administration services that includes project coordination, attending progress meetings, document management, data entry in SiteManager , manage RFIs and submittals, review plan change requests, review monthly pay estimates, prepare plan changes, keep concise record of all documents in chronological order so that project closeout documentation for final acceptance, including the 2059 will be arranged and completed properly on time.		
07/20-Ongoing	Severn Avenue Reconstruction: 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 includes 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. He is providing 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 coordinating with DOTD, Parish and utility entities.		

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

09/19-5/20	S.P. No. H.010109 Raceland and Bayou Blue Sidewalks, Lafourche Parish, LA: Mr. Collier served as Project Engineer for this \$1.05 M sidewalk and drainage project that included nearly 3000 feet of new drainage and 2 mile of sidewalks which included ADA compliant pedestrian facilities. Mr. Collier served as the Project Engineer on this project.
04/19-6/20	S.P. No. H.006546 Intersection Upgrade N Canal & 7th St, Lafourche Parish, LA - 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 overlaying the existing 4 lane divided highway. Mr. Collier served as the Project Engineer on this project which is part of LA DOTD's Safe Routes to Public Places Program (SRTPPP).
04/19-11/19	S.P. No. H.012479 – Audubon Avenue and Ardoyne Drive, Mini-Roundabout, Lafourche Parish, LA: Mr. Collier served as Project Engineer and provided CE&I services for this roundabout project which is part LA DOTD Safe Routes to School Program. This project included milling and overlaying the existing intersection, installing new curb and gutter in a roundabout configuration and installing ADA compliant pedestrian facilities. Mr. Collier served as the project Engineer on this project.
2/18–5/18	I-110 Ramps at Convention and Florida LADOTD East Baton Rouge Parish, LA As DOTD Asst. Project Engineer, Mr. Collier was responsible for the construction administration of this project that involved widening and rehabilitating the I-110 northbound exit ramp at Convention Street and the I-110 southbound entrance ramp at Florida Street.
10/17–10/18	S.P. No. H.010560 – 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, milling and overlaying the existing 4 lane roadway, new signalized intersections, new ADA ramps at all driveways and intersections, and additional drainage capacity. He provided contract administration support that included 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.
10/17–10/18	S.P. No. H.011295 – 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 and driveways, milling and overlaying the existing asphalt roadway, and patching and overlaying the existing PCCP 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 contract administration services for the project.
10/17-8/18	S.P. No. H.011322 – 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 milling and overlaying the existing 2-mile 4 lane roadway on River Road (US-61X). Mr. Collier served at the Assistant Project Engineer and was responsible for overseeing contract administration, inspection, and final closeout.

Prime consultant name: *ECM Consultants, Inc.*

16. Staff Experience:

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Firm employed by ECM Consultants, Inc.				
Name	Kim Martindale Garlington, P.E.		Years of relevant experience with this employer	3
Title	Testing and Acceptance Engineer		Years of relevant experience with other employer(s)	35
Degree(s) / Years / Specialization		B.S. / 1982 / Civil Engineering ATSSA Work Zone Traffic Control Flagger, Technician, Supervisor		
Active registration number / state / expiration date		#23848/LA/ 9/30/2024		
Year registered	1990	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		Ms. Garlington will serve as the Materials Testing & Acceptance Engineer for this Contract. She will be responsible for review of test results and acceptance of construction materials. She meets MPR No. 4.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
06/19-Ongoing	<p>S.P. No. H.003370, I-220 / I-20 Interchange IMP & BAFB Access Road- Design-Build, LADOTD, Bossier Parish, LA. Ms. Garlington is serving as Senior Project Engineer for this \$77 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 including construction of four bridge/overpass over the existing KCS railway and Musselshell bayou. This includes a NB and SB I-220 overpass over I-20, and a NB and SB overpass over the KCS railway crossing. Ms. Garlington leads a team of inspectors responsible for the Contractor's bridge construction activities that include pile driving, field pile acceptance, inspection of drilled shafts, installing bridge caps/abutments/columns, LG 78-54 & 45 prestressed concrete girders, diaphragms, shear keys and constructing bridge decks and approach slabs. Also included</p> <p>are on grade roadway including earthwork, subbase and base, PCC pavement, Asphaltic Concrete pavement. drainage, and utilities relocation. Ms. Garlington works with the OV Inspection team to interpret construction inspection specifications and contract performance specifications. 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 utilizes 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.</p>			

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

09/09 – 11/14	LADOTD – District 08 Construction Coordinator and Laboratory Engineer – 34 Projects in the District - Ms. Garlington attended all preconstruction meetings for District 08, provided sampling plans and documentation of IA 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. interacted with PE's and Area Engineers to resolve issues regarding failing materials and their use or removal on the projects. She implemented the Department's Site Manager Materials software for quality assurance on several 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 reconstruction projects in the parish. Her responsibilities included preconstruction activities, plan review and administration of the CE&I contracts . Work included clearing and grubbing, utility relocation, subgrade treatments, base rehabilitation, geosynthetic remediation measures, and asphalt pavement activities . Ms. Garlington drafted change orders, reviewed invoices and recommend contractor payments. Ms. Garlington also implemented the Department's Site Manager Materials software for quality assurance on several projects.
02/11 – 03/12	840-43-0001 - LADOTD – Buhlow Bridge US 165 – Alexandria District: Ms. Garlington served as District 08's Construction Coordinator and Laboratory Engineer during the Buhlow Bridge replacement over Red River. Work included concrete decks, girders, cofferdams, piles and drilled shaft foundations, embankment, class 2 base course, asphalt pavement, concrete barriers, and drainage . Ms. Garlington consulted regularly with the LADOTD's Consultant Project Engineer performing CE&I Services on several Geotechnical issues that arose regarding cofferdam stability, Pile driving and acceptance criteria, changed site conditions, drilled shaft installation issues and slope stability issues. She reviewed cofferdam stability calculations, shop drawings and field installation plans for the cofferdam piles – pier drilled shafts and railroad bridge pile foundations.
04/01 – 11/09	LADOTD - Administrator of the Pavement and Geotechnical Section – As Administrator, Ms. Garlington managed the Section that designed most bridge structures let by LADOTD during this time. Items included geotechnical foundations, embankment slopes, walls, and pavements. She led the team that wrote the 2008 LSSRB Section 804 for piles and 814 for drilled shaft. This incorporated using PDA/GRLWEAP/CAPWAP analysis to approve hammers and pile installation plans and provided the process for approving piles in the field based on inspector's charts . Ms. Garlington and the staff were involved in the initial stages of bridge foundation construction during the load testing and quality assurance of piles and drilled shafts. Ms. Garlington analyzed test and monitor pile data and recommended acceptance criteria for field personnel. All statewide construction issues with pile driving or drilled shafts were directed to this Section during this time. Ms. Garlington consulted on statewide bridge projects with Project Engineers and Headquarters Construction personnel when acceptance criteria were not met during installation. Ms. Garlington provided recommendations for remedial actions to the PE's.

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

16. Staff Experience:

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Firm employed by: APS Engineering and Testing, LLC			
Name	Sergio Aviles, P.E.		Years of relevant experience with this employer
Title	President		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		B.S. / 2001 / Civil Engineering / Geotechnical; NHI certifications Courses: Design & Implementation of Erosion & Sediment Control, Driven Pile Foundation Design and Inspection, Design of Pile Dynamic Analysis (PDA), WEAP, & CAPWAP. ATSSA Work Zone Traffic Control Supervisor, Technician, and Flagger Certifications	
Active registration number / state / expiration date		0033571 / LA / 03-31-2024	
Year registered	2007	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Mr. Aviles will serve as Professional Civil Engineer responsible for QA/QC of Field Testing and Acceptance of Construction Materials . He meets MPR No. 4	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
05/18 – 12/20	Project No.H.009250: I-10: Highland to LA 73: The purpose was to conduct testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures. Mr. Aviles served as the QA/QC Field Testing manager for this project.		
01/19 – ongoing	Project No.2012-FEMA-1B-1: Westend Group: The purpose was to conducted testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures. Mr. Aviles is serving as QA/QC Field Testing manager for this project.		
04/19 – ongoing	Project No. H.011795: Westwood Drive (WB Expressway to Lapalco): The purpose was to conduct testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures. Mr. Aviles is serving QA/QC Field Testing manager for this project.		
05/19 – ongoing	Phase II Project No. H.01798: Airline Park Blvd. (Camphor-West Napoleon): The purpose was to conduct testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures. Mr. Aviles is serving as QA/QC Field Testing manager for this project.		
04/18 – 11/18	Phase I Project No. H0.11798: Airline Park Blvd.: The purpose was to conduct testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures. Mr. Aviles served as QA/QC Field Testing manager for this project.		

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

16. Staff Experience:

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Firm employed by: APS Engineering and Testing, LLC				
Name	Donna Easterling		Years of experience with this firm/employer	3
Title	Laboratory Manager		Years of experience with other firm(s)/employer(s)	3
Degree(s) / Years / Specialization			BA/2019/Environmental Sciences	
Active registration number / state / expiration date			NA	
Year registered	N/A	Discipline	NA	
Contract role(s) / brief description of responsibilities			Laboratory Manager-Supervising Lab 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 time specified in the applicable MPR(s).			
09/19-Present	Project No. H.004100: I-10 Widening LA 415 to Essen LN- A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of 52 deep borings starting at the Washington Exit and ending at the LSU lakes. Along with this drilling and sampling APS will also test for strength and engineering characteristics of the soils with. A total of eight (8) over the water borings and 44 land borings with approximate 1000 Triaxial Compression, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits. Donna's duties were supervising lab testing.			
08/16-10/19	Project No. H.012422: I-110 Interchange Modification at Terrace Ave- A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of six (6) deep borings for the design of the Terrace Ave exit. APS tested for strength and engineering characteristics of the soils with approximate 100 Triaxial Compression, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits by A P S Laboratory. Donna's duties were supervising lab testing.			
11/17-2/18	Project No. H.013193: US 61 Thompson Creek Bridge Replacement- A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of eight (8) deep borings for the replacement bridge at US 61 over Thompson Creek. APS tested for strength and engineering characteristics of the soils. Donna's duties were supervising lab testing.			
11/17-2/18	Project No. H.002273, H.000710, and H.001352 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge LA 67 and LA 19: A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of 12 deep borings for the new and replacement bridges at Highway 19, 67, and 964. APS tested for strength and engineering characteristics of the soils. Donna's duties were supervising lab testing.			
03/19-05/19	Project No. H.001344: US 190 over Bogue Falaya River- A P S was selected with the winning team for the Geotechnical Investigation and Design of the proposed new bridge. A total of 19 deep borings were drilled and tested for the foundation recommendation. Donna's duties were supervising lab testing.			

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

16. Staff Experience:

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Firm employed by Huval & Associates, Inc.				
Name	William Lee Hupperich, PE, M ASCE		Years of experience with this firm/employer	12
Title	Senior Mechanical Engineer		Years of experience with other firm(s)/employer(s)	13
Degree(s) / Years / Specialization			Bachelor of Science /1996/, Mechanical Engineering	
Active registration number / state / expiration date			30451/LA/03-31-23; 27091/MS/12-31-22; 38683/AL/12-31-22	
Year registered	2003 / 2016 / 2019	Discipline	Mechanical Engineering	
Contract role(s) / brief description of responsibilities			Construction Engineering and Inspection- Mechanical	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “inspected, rated and designed movable bridges and approach spans, including embankments, abutments, bents, main piers, pivot piers, counterweight towers, pier protection, operator’s houses and foundations”, etc			
Mr. Hupperich joined Huval & Associates 10 years ago with 13 years’ experience in mechanical engineering . Previously employed with LADOTD as the Movable Bridge Design Expert, he was involved with the design and development of more than 18 complex mechanical systems for statewide movable bridge projects as well as pump stations for rest areas and movable bridges. Also he has experience in inspecting the mechanical equipment for the Belle Chase Tunnel and the Houma Tunnel specifically after Katrina and Rita. He is a member of Heavy Movable Structures, Inc. (HMS), Louisiana Engineering Society (LES), National Society of Professional Engineers (NSPE), and American Society of Civil Engineers (ASCE). He meets MPR No. 5				
01/19 - Present	New Swing Span- Herman Dupuis RD. Pontoon BR. Replacement, St. Martin, LA, Bridge Recall 200896 –Designed, detailed, and sealed final plans, specifications, calculations, and cost estimates for the mechanical and electrical systems including: HPU, piping, Hydraulic motor, gearbox, rack, pinion, pivot bearing, balance wheels, track, live load rockers, end wedges, span balance, movable traffic barriers, and the electrical power and control systems. Currently providing construction related engineering services including shop drawing review, RFI’s, installation and operation inspection, shop visits, site visits, and project management.			
03/11 – 03/19	Rehabilitation of the Red River Bridge at Jackson Street, Alexandria, LA – Performed design work and developed plans and cost estimates for the architectural rehabilitation of the movable bridge. Work included: <ol style="list-style-type: none"> 1. Design, selection, and detailing of a dual submersible grinder pump station, associated valves, mercury float switches, and welded steel tank. Sizing and detailing of the new sewer line and the forced main. 2. Communication and coordination with the local municipality related to connecting the new forced main to the city’s sewer system. 3. Design, selection, and detailing of the new water line, booster pump and holding tank servicing the operator’s house located approximately 70 feet above the bridge deck. 4. Stamped and signed all plans related to this work. 			

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

	5. Provided construction related engineering services such as shop drawing review, submittal review, site inspections, and responding to RFI's.
10/19 - Present	New Vertical Lift- GLPC, Airport Connector Road and Bridge, Lafourche, LA, S.P. H.011915 -Designed, detailed, and sealed final plans, specifications, Calculations, and cost estimates for: tower drive machinery, span locks, counterweight ropes, skew control, leveling clutch, air buffers, movable traffic barriers, span shoes, counterweights and ropes, guide rollers, access systems and handrailing. Currently providing construction related engineering services including shop drawing review, RFI's, installation and operation inspection, shop visits, site visits, and project management.
1999-2002	Pump Station for the Delcambre Vertical Lift Bridge, Delcambre, Louisiana - Performed the peer review of the dual submersible grinder pump station design and details for the new operator's house and provided construction related engineering services including shop drawing review, submittal review, site inspections, and responding to RFI's.
03/20 - Present	Double Leaf Bascule Rehabilitation- SR 609 Bridge over Old Fort Bayou, Jackson, MS, BR-9385-00 (017) – Designed and sealed the temporary hydraulic system including: operating cylinders, HPU schematic, piping, and control interface. Produced a calculation package for span resistance, cylinder loads, horsepower requirements, hydraulic schematic, and the selection of manufactured components for approval prior to manufacturing. Worked together with a hydraulic systems fabricator to build, test, ship, and install the complete system on the bridge. Assisted in the Installation of the machinery.
01/05 – 12/07	Pump Station Inspections, Jefferson, Plaquemines and Terrebonne Parishes, Louisiana - Responsible for the inspection of the Harvey Tunnel, Belle Chase Tunnel and Houma Tunnel pump stations located in south Louisiana for damage caused by Hurricanes Katrina and Rita. Work included: <ol style="list-style-type: none"> 1. Inspection of the pumps, valves, piping, and electrical controls related to the pump systems. 2. Compiled Damage Inspection Reports with cost estimates related to these pump stations.
03/17 - Present	Vertical Lift Rehabilitation- LA 336-1: Bayou Teche Bridge Rehab (HBI); St. Martin, S.P. H.011485 – Performed site inspections and prepared reports containing recommended repair options and costs for DOTD. Designed, detailed, and sealed final rehabilitation plans, specifications, and calculations of the tower drive machinery, pier machinery and the movable traffic barrier. Performed construction related engineering services including shop drawing review, RFI's, shop visits, site visits, and project management. Inspection of the machinery and measurements of open gear backlash – provided recommendations for backlash adjustments.
06/13 - 04/19	Vertical Lift Rehabilitation- LA 58: Bayou Petit Caillou (HBI), Terrebonne, LA, S.P. H.010006 – Performed site inspections and prepared reports of recommended repair options and costs for DOTD. Designed, detailed, and sealed final plans covering new trunnion bearings, pinions, pinion bearings, primary and secondary gear reducers, brakes, drive shafting, counterweight ropes, span locks, air buffers, and guide rollers. Developed and sealed plans and specifications for the new operator's house covering HVAC, plumbing, exhaust fans, and STP.
05/16 - 07/17	Double Leaf Bascule Rehabilitation- Popp's Ferry Bridge, Biloxi, MS - Performed a complete inspection of the bridge machinery and produced and stamped comprehensive reports outlining mechanical deficiencies with estimated repair costs. Developed the plans and specifications for replacing the existing hydraulically operated center locks with a new electro-mechanical operated center lock system.
01/08 - 07/10	New Pump Station for the Bayou Terrebonne Bridge at Prospect Street, Houma, Louisiana Performed design work and developed plans and cost estimates for the architectural portion of the new movable bridge. Work included Peer review of the pump station design and details for the operator's house and Construction related engineering services including shop drawing review, submittal review, site inspections, and responding to RFI's.

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

16. Staff Experience:

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Firm employed by ECM Consultants, Inc.			
Name	Kim Martinez		Years of relevant experience with this employer
Title	Lead DOTD Certified Inspector		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		High School Diploma; LADOTD Asphalt and PCC Paving Inspector; Embankment and Base Course Inspector, ATSSA Work Zone Traffic Control Flagging, Technician & Supervisor, Nighttime Traffic Control, OSHA-10	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Ms. Martinez has 39 years of experience in performing construction inspection of roads, movable bridges including mechanical systems , fixed bridges, drainage and utilities construction projects and documenting daily activities in Site Manager data base. Ms. Martinez will serve as a Lead Mechanical Inspector for this contract. Ms. Martinez 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 time specified in the applicable MPR(s).		
02/18-10/18	S.P. No. 009250 I-10: Highland to LA 73 Design-Build Project, LADOTD, East Baton Rouge/Ascension Parish, LA: Ms. Martinez served as Construction 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, increasing the vertical clearance and rehabilitating LA 928 over I-10, and replacing I-10 over LA 73.		
04/09-10/15	S.P. No. 064-05-0085, Bayou Lafourche Movable Bridge at Larose, LADOTD, (CE&I) Lafourche Parish, LA: Ms. Martinez provided construction inspection for this \$32 million Bayou Lafourche Vertical Lift Bridge project to replace the existing LA 310 bridge at LA 657 extension to LA 308. Project included marine pile driving, piers construction, concrete tower columns; the installation of structural steel girder framed movable sections including sheaves, cables, etc.; operator's building; welding; bolted connections; anchor bolts; concrete approaches; and roadway reconstruction, etc. Work also included electrical and mechanical works, and surface preparation and field painting/protective coating of main deck span, lift heads, & mechanical components. Her responsibilities included daily QA inspection, maintaining all construction field records; making daily entries in SiteManager; coordinating with the U.S. Coast Guard, LADOTD Coordinator and Parish Engineer/Representative, coordination for all relocations/adjustments of utility facilities within the construction of the site; inspecting the contractor's construction operations and work for compliance with contract documents, preparing final estimate packages; and "As-Built" plans.		
11/16—5/19	S.P. No. H.007259: Fleur De Lis Drive Reconstruction (30th-Old Hammond Hwy), (CE&I) LADOTD; Orleans Parish, LA: Ms. Martinez is providing construction inspection services as Lead Inspector for this \$12 million roadway reconstruction of Fleur de Lis Drive, a main artery in a residential corridor. The project includes grading, drainage, drainage structures and utilities, class II base course, superpave		

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

	asphaltic concrete pavement, Portland cement concrete pavement, as well as ADA accessible ramps, sidewalks, curb and gutter, driveways and removal/replacement of sewer force mains and water mains. Ms. Martinez provides oversight of contractors' operations, provides daily documentation in Site Manager, prepares field changes and records change orders, and assists in coordinating testing/sampling.
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 Taft 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 system.
06/08-08/13	S.P No. 713-38-0001, Doullut Canal Movable 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, field painting of all girders for the swing bridge and PCC bridge approaches.
02/11-07/13	S.P. No. H.003203.6, I-10 Calcasieu River Bridge Repairs, LADOTD, (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, daily work reports, and coordination with project engineers.
05/20 - Ongoing	S.P. No. H.011752, Severn Avenue Corridor Improvement, LADOTD/ Jefferson parish-DPW, Jefferson, LA; Ms. Martinez is serving as the Lead Construction Inspector on the \$12 million project. Scope of project include removal and replacement of existing PCC pavement with new PCC pavement , 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 17 th street and West Esplanade, replacement and upgrade of subsurface drainage system, streetscaping, new bike path., new decorative street lighting , pedestrian lighting and pedestrian signals

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

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Firm employed by Modjeski and Masters, Inc.				
Name	Robert I. Peters		Years of relevant experience with this employer	13
Title	Senior Engineer - Electrical		Years of relevant experience with other employer(s)	19
Degree(s) / Years / Specialization		M.S./1989 /Engineering B.S./ 1987/Electrical Engineering AA/1984/Engineering		
Active registration number / state / expiration date		PE 44769/LA/ 3/31/2023		
Year registered	2020	Discipline	Electrical Inspection Lead	
Contract role(s) / brief description of responsibilities		Mr. Peters will serve as Electrical Inspection Lead. Mr. Peters joined Modjeski and Masters, Inc. in 2009. He has over 28 years of industrial control system engineering experience with 9 years being with movable bridges . Mr. Peters is assigned to the firm's Electrical / Mechanical Section. He has been involved in a variety of tunnel and bridge projects and is has his NCTI certification. He meets MPR No. 6		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
2/17 – 6/17	I-84 Tunnel, Hartford, CT Connecticut Department of Transportation Mr. Peters was the lead electrical engineer for all site and office work. M&M provided electrical and mechanical inspection, evaluation and troubleshooting services for the tunnel ventilation systems. The tunnel equipment was not operational at the time of the evaluation.			
9/19 – 9/20	Moffat Tunnel, Moffat, CO Union Pacific Railroad Mr. Peters provided technical support for the ventilation system controls upgrade and provided drafting support to update all associated electrical drawings. M&M was contracted for this design/build of new control systems for a 6-mile railroad tunnel. The overall project scope includes replacing the high voltage variable frequency drives for the ventilation fans, replacement of the PLC (Programmable Logic Controller) based control system and upgrading the ventilation system's monitoring sensors. The project also includes site visits and construction observation. Mr. Peters was the lead electrical engineer for all site and office work.			

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

5/12 – 11/15	<p>Lapalco Bascule Bridge Repairs, Harvey, LA Jefferson Parish Dept of Public Works</p> <p>This 2,840' long four-lane high-rise bridge contains a double-leaf bascule girder span over the Canal. Over a period of years, for Jefferson Parish, M&M has inspected the bridge, developed plans for upgrading structural, electrical and mechanical components and provided construction support services. Emergency responses have been made following both marine collisions and hurricanes. Mr. Peters was the lead electrical engineer for inspection, emergency repairs, troubleshooting and construction inspection. He guided the control systems integrator as well as the motor drive specialist in person during the site startup, troubleshooting and commissioning of the newly rehabilitated span drive systems.</p>
2/16 – 1/22	<p>Niantic Bascule Bridge Rehab, East Lyme, CT Connecticut Department of Transportation</p> <p>M&M was a subconsultant to Michael Baker International for the rehabilitation design of the Niantic double leaf bascule bridge. The design included full superstructure painting, resurfacing and rating of the bascule spans, electrical, mechanical, and hydraulic component updates, and new day and storage fuel tanks and piping for the existing generator to replace the generator located in the control house. A rehabilitation of the operator's room in the control house was also included. During this project, M&M responded to Mechanical and Electrical related bidder questions, performed shop drawing review, attended meetings and made shop/site visits for testing and inspection. Mr. Peters was the lead electrical engineer for the emergency declaration and final design for this project. He then performed submittal and RFI reviews as well as attended site visits to perform installation and startup testing and troubleshooting.</p>

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

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Firm employed by YKH Consulting, LLC				
Name	Chad Hardaway, PE		Years of relevant experience with this employer	8
Title	Sr. Electrical Engineer/Principal		Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization			B.S. /1999 /Electrical Engineering	
Active registration number / state / expiration date			P.E. 0033606/ Louisiana/ 03/31/2024 Louisiana Contractor's License	
Year registered	2007	Discipline	Electrical Engineering	
Contract role(s) / brief description of responsibilities			Electrical Engineering Inspection Support. Meets MPR No. 6	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
08/21 – 01/22	St Mary Parish Swing Bridge Repairs , Provide inspection and design services for repairs to Sorrel, Katy, Chatsworth, Centerville, Rizzo, and Jennings bridges. Project included navigational horn modernization, traffic signal repair, traffic gate repair, navigational light replacement, junction box replacement, control panel upgrades, limit switch replacement, and switchgear troubleshooting.			
10/19 – Present	Greater Lafourche Port Commission Connector Road and Bridge , Provide design services to construct new vertical lift span bridge and associated connector road linking South Lafourche Airport to LA HWY 3235. Project includes traffic control devices, traffic signaling devices, aid to navigation lighting, and emergency generation.			
09/08-09/11	Lafourche Parish Bridge Rehab , Provide engineering, procurement, and construction services to rehab (2) vertical lift span bridges and (1) pontoon bridge affected by Hurricanes Gustave and Ike. Project included control redesign, rotary limit switch calibration, gate and barrier control, counterweight adjustment, and mechanical repairs.			

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

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Firm employed by ECM Consultants, Inc.				
Name	Emilio Rodriguez		Years of relevant experience with this employer	13
Title	Senior Construction Inspector		Years of relevant experience with other employer(s)	20
Degree(s) / Years / Specialization			Architectural CAD / 2005; Technical Architecture (Construction) / 1989; NACE Coating Inspector Level 2 Certified; FHWA-NHI Certified – Safety Inspection of In-Service Bridges; LADOTD Movable Bridge Inspection Workshop; ATSSA Work Zone Traffic Control Flagger, Supervisor; DOT/FAA Drone Remote Pilot; Aerial Boom Lifts; Scissor Lifts; OSHA-10	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Mr. Rodriguez has over 33 years of experience as an inspector. He has provided inspections for fixed and movable bridges, coatings and painting, dam safety, inspections, periodic inspection of levees, earthen and rock dikes construction, erosion protection and service bridge inspection and coastal restoration projects. Mr. Rodriguez will provide mechanical and electrical inspections for this project. He meets MPR No. 6	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).			
02/09-04/11	S.P. No. 064-05-0085, Bayou Lafourche Bridge at Larose, LADOTD, Lafourche Parish, LA: Mr. Rodriguez served as construction and coating inspector for this \$32 million vertical lift bridge. This 122' x84' movable section is the largest span lift bridge in the state. The work included driving concrete piles, steel sheet pile TRS, concrete piers, 96' high concrete towers, installation of structural steel members of the bridge, sheaves, cables welding, bolted connections, anchor bolts, and concrete approaches. Project also included inspection of surface preparation and field painting/protective coating of main deck span, lift heads, mechanical components, electrical and control systems			
06/13-03/14	St. Ann Bridge over Bayou Terrebonne LADOTD Terrebonne Parish, LA Construction Inspector: Mr. Rodriguez provided construction inspection for this \$4.2 million movable bridge construction project including approach roadways under the Off-System Bridge Replacement Program. The project involved construction of a new bobtail 90' single swing movable steel girder bridge with concrete bridge piers and concrete slab span approaches over Bayou St. John to replace an existing single lane steel truss swing bridge structure. The scope included driving concrete piles, concrete pier construction and steel movable bridge installation with structural components such as main girders, floor beams, cross bracings, end dams, stiffeners, angles, bolts etc. including all electrical and mechanical items ; surface preparation and field painting/coating of girders and all steel structural components, timber fender system, navigational lights and asphaltting concrete roadway construction.			
05/11-05/13	I-10 Calcasieu River Bridge Repairs LADOTD Calcasieu Parish, LA Construction Inspector: Mr. Rodriguez provided construction inspection services for this \$7.8 million project involving structural steel repairs to the approach trestle bents and stringers, repairs to the connections of the main deck truss & steel cantilever truss members, painting of truss connections, anchor bolt repairs, and associated repairs to the approach roadway pavement expansion joints. He conducted an initial inspection/assessment of the unforeseen conditions during construction and collected information (including field dimensions and photos of what has been encountered) for their review by the project			

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

	engineer. He also provided inspection of surface preparation and application of protective coating for all structural steel components . This also involved monitoring ambient conditions, coating mixing, wet and dry film thickness and final coating cure, cleaning. Work included removal of lead-based paint under strict requirements of Coast Guard prior to repainting.
07/13-02/14 & 06/21-04/22	Lapalco Bridge Over Bayou Segnette, Jefferson Parish, LA. Mr. Rodriguez performed comprehensive bridge inspection as one of the FHWA-NBIS certified inspector, conforming to National Bridge Inspection Standard (NBIS). This involved complete physical inspection of all the structural elements of the bridge for documenting deficiencies, damages and non-standard elements for the Lapalco Blvd. Bridge over Bayou Segnette. Work included structural inspections of girders, bents, risers, anchor bolts, bearing pads, deck, expansion joints, railings, curtain walls and approaches. as well as underwater inspections of the piers and foundation and scour depths, and inspection of coating (LBP) of the steel girders. Mr. Rodriguez also provided construction inspection for the project from 06/21-04/22 that included replacing all bearing pads for the girders which required lifting of each span individually, replace all damaged and bent anchor bolts and angle clits, replace all deck expansion joint systems, remove and replace the bridge's concrete curtain walls, installing new expansion joint materials on the deck and a heavy steel structure to support the concrete girders in the event the movement of the span continues beyond the bent cap.
08/14 – 12/16	Contract No. 4400003534, Retainer Contract for Underwater Bridge Inspections, LADOTD; Statewide, LA: Mr. Rodriguez provided bridge inspection for performing about 400 underwater bridge inspections for this five-year retainer contract. Of the 400 bridges, 42 of them are movable bridges . A report is generated for each inspection that would include the results of the inspection and other pertinent data.
06/10-08/12	Dullout Canal Moveable Bridge LADOTD Plaquemines Parish, LA Construction Inspector: Mr. Rodriguez served as Construction Inspector for this \$11.8 million movable bridge including approach roadways, located in Plaquemines Parish. The project involved construction of a movable steel girder swing bridge with concrete bridge piers and concrete slab span approaches over Doullut Canal to replace an existing bridge. This 150-foot unequal arm steel swing span bridge is operated by dual hydraulic motors and provides access to Highway 11. The scope included cofferdam construction, driving concrete piles, concrete pier construction and steel movable bridge installation including all electrical and mechanical items for the movable bridge and provided inspection for all surface preparation and field painting/coating of girders, floor beams, cross bearings, and end dams for the swing bridge.
05/18-08/19	I-10: Highland to LA 73 Design-Build Project LADOTD East Baton Rouge/Ascension Parish, LA Construction Inspector: Mr. Rodriguez served as Construction Inspector for this \$72 million design-build project to widen I-10 from four to six lanes in both east and westbound directions, 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. Project includes two bridge construction including pile driving, installing prestressed concrete girders, bridge deck and rehab of two bridges over I-10, elevated roadway, on grade roadway including earthwork, subbase and base, drainage, utilities relocation, PCC pavement, concrete barrier railing, roadway lighting and striping.
09/08-05/10	West Esplanade Ave Bridges over Elmwood Canal USACE New Orleans Jefferson Parish, LA Inspector: Mr. Rodriguez provided construction inspection services for this \$12 million project consisting of constructing two new bridges across Elmwood Canal at W. Esplanade to replace the existing ones. Scope of work included construction of a detour bridge, demolition and removal of the existing bridges involving removal and relocation of all utilities in phases. The new construction of the bridges included, pile load testing, pile driving, construction of cast-in-place concrete bridge superstructure, roadway construction, subsurface drainage system, new water lines and sewer lines.

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

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	Jules Saunee		Years of relevant experience with this employer
Title	Certified Lead Inspector		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		Bachelor of Science Construction Engineering Technology, LADOTD certified Asphalt Paving Inspector; Portland Cement Concrete Paving Inspector, Embankment and Base Course Inspector; and Structural Concrete Inspector ATSSA Certified Flagger, Technician, Supervisor.	
Active registration number / state / expiration date		N/A	
Year registered		Discipline	N/A
Contract role(s) / brief description of responsibilities		Mr. Saunee will serve as DOTD Certified Lead Inspector for this project. He has over 14 years of experience in construction inspection of Highways, major bridges, Asphalt and PCC road construction, utilities relocations and new Drainage, Sewer and Water systems installations.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
10/2021-Ongoing	Belle Chasse Bridge & Tunnel: Mr. Saunee is serving as one of the inspectors for the \$182 Million construction of a new 4 lane bridge over the Intracoastal Waterways. This project entails the construction of a 25 Bent 4 lane bridge going over the Intracoastal Canal connecting New Orleans to Belle Chasse. Project also includes approximately 10,000 tons of asphaltic concrete for new approaches to bridge. Once bridge is complete, project will involve demolition of the existing lift span bridge and the existing tunnel under the Intracoastal canal. Mr. Saunee is involved in inspection of all aspects of the project including but not limited to pile driving inspection, rebar inspection of structures, inspection of structural concrete pours, and contractor's quality control.		
12/2010-05/2012	Huey P Long Bridge Widening: Mr. Saunee served as one of the Inspector for the \$1.2 Billion Widening of the Huey P Long Bridge in Metairie, LA. Project included erecting new railroad support structures, constructing a 3-lane bridge on both sides by widening the existing bridge. Work also included construction of major elevated bridge approaches and PCC roadway on both east and west banks. The asphaltic concrete Jefferson Highway on the East Bank was repaved, and a new PCC U S 90 Highway was constructed on Westbank. Mr. Saunee served as the lead Inspector for concrete, PCC roadway, asphaltic concrete paving and infrastructure installation.		
04/2017-04/2020	I-10 Widening Breaux Bridge to Lafayette: Mr. Saunee served as one of the inspectors for this \$100 Million Widening of I-10 for seven (7) miles between Breaux Bridge and Lafayette. The project included the construction of a 2-lane asphaltic concrete interstate, widening 5 existing bridges, replacing 1 bridge, and the removal/replacement of the existing 2-lane		

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

	asphaltic concrete interstate in each direction. Mr. Saunee served as the lead Inspector on Asphalt work on the job involving approximately 300,00 tons of asphalt and all Electrical items. He also assisted Office and Project Engineers with monthly estimates and coordinated all SiteManger reports and final submittal package
04/2020-10/2020	I-10 Loyola Interchange. Mr. Saunee served as one of the inspectors for \$125 Million Interstate Overpass Exit/Entrance to the Louis Armstrong International Airport. The Project entails construction 2 new overpasses exiting and entering I-10 at Loyola Avenue in Kenner, LA. and the reconstruction of Loyola Avenue under the I-10. Mr. Saunee performed inspection of Prestressed Precast Concrete piles Driving operation as well as frequently performed nighttime traffic safety inspections.
07/2021-08/2021	Lesan Dr UST Removal: Mr. Saunee served as the Lead Inspector for the \$60,000 removal of 2 underground fuel tanks. Project entailed the removal of the 2 500 gallons fuel tanks, backfilling the hole left by the removal and replacing the concrete parking lot that was disturbed by the removal as well as any other miscellaneous details that the SFLPAE added. Mr. Saunee oversaw all aspects of the project and ensures all activities were done within SFLPAE standards.
10/2020-06/2021	Causeway Bridge Rail Rehabilitation: Mr. Saunee served as one of the inspectors for the \$40 Million rehabilitation of the Causeway Bridge side rails. The project consisted of installing new rails on the entire southbound side of the bridge as well as installing several new side bound signs and removal of call boxes. Mr. Saunee oversaw several crews doing the installation of the new rails and compiled the data from crews and other inspectors for office use.
04/2016-04/2017	Ormond Blvd Repair/Mill/Overlay: Mr. Saunee served as the Lead Asphalt Inspector for the asphalt mill/overlay of Ormond Blvd in St. Charles Parish at a cost of \$1 Million . He also assisted in the PCCP inspection of Ormond Blvd. Compiled monthly estimates for Project Engineer's review.
02/2016-08/2016	Our Lady of The Lake Medical Complex: Mr. Saunee served as the lead inspector for the street/pedestrian ramp repair around the Our Lady of the Lake Medical Complex at a cost of \$800,000. Mr. Saunee inspected the removal and replacement of cracked panels, the removal of existing pedestrian ramps and the replacement of said ramps with ADA compliant ramps, and the sealing of the minor cracks in concrete panels. Compiled monthly estimates for Project Engineer's review.
06/2011-08/2011	Jefferson Parish Submerged Roads Program: Mr. Saunee served as the lead inspector for the Jefferson Parish submerged roads program in Old Metairie which provided PCCP panel replacements for roads that were damaged in Hurricane Katrina. Mr. Saunee oversaw the removal and replacement of all damaged panels in the contracts. This portion of the program was at a cost of \$1.5 Million . Compiled monthly estimates for Project Engineer's review.

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

16. Staff Experience:

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Firm employed by ECM Consultants, Inc.			
Name	Robert Brown		Years of relevant experience with this employer
Title	Senior Certified Inspector		Years of relevant experience with other employer(s)
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		Mr. Brown will serve as Lead DOTD Certified Inspector for this Project on as needed basis. He is a LADOTD certified PCC Paving Inspector; Structural Concrete Inspector, Authorized Concrete Field Tester; ATSSA Work Zone Traffic Control Flagging, Technician & Supervisor; Confined Space entry, OSHA-10. Mr. Brown has over 27 years of experience, including 12 years in construction inspection.	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
04/21- Ongoing	S.P. No. H.004791, Belle Chasse Bridge and Tunnel Replacement, P3, Design-Build Project, Plaquemines Parish, LA. ECM is serving as the Construction Quality Control Firm (CQCF) for this \$182 million, P3 design-build project to construct a new mid-level fixed span bridge that will span the Intracoastal Waterway on Louisiana Highway 23. The project will include the demolition of the existing Perez Movable Bridge and the Belle Chasse Tunnel. The new bridge is being constructed to current clearance standards for marine vessels as required by the US Coast Guard. This work includes pile load testing, pile driving, installing prestressed concrete girders, steel girders, concrete deck, on grade roadway including earthwork, subbase and base, drainage, utilities relocation, PCC pavement, Asphaltic Concrete pavement, concrete barrier railing, roadway lighting, MSE Wall construction and striping. ECM's Quality Control team of engineers and LADOTD certified inspectors are responsible for sampling and testing to ensure compliance with the project's plans and specifications. Mr. Robert is serving as Lead certified inspector for this project.		
10/20-04/21	Pecue Lane/I-10 Interchange Phase II: Bridges Over I-10, East Baton Rouge Parish, LA: Mr. Brown served as the Certified Inspector for this \$14.6 million overpass construction project which 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. He provided inspection services that included daily monitoring construction activities for compliance with plans and specifications, preparing daily diary, keeping track of daily work item quantities, attending progress meetings, maintaining all construction field records, review plan change requests, review monthly pay estimates.		

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

01/19-03/19	S.P. No. H.010661.6-2 (CE&I), N. Flannery/Firewood/Cloverland Bridges, East Baton Rouge Parish, LA: Mr. Brown has provided Inspection services as one of the inspectors for the replacement of three bridges in East Baton Rouge Parish. He was 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.
10/10- 08/12	Construction of Levees, LPV 20.2: Mr. Brown served as Construction Inspector for the extension of levee berm foreshore at Reach 3 along Lake Pontchartrain. The project was over 14,000 feet in length with shoreline extension of about 150 feet. Geotextile separator fabric was placed underwater for stability, a graded stone berm was constructed, and the area between the berm and existing shoreline was filled in with sand and uncompacted fill. Mr. Brown was responsible for evaluating contractor quality control system; observing all construction phases to ensure compliance; reviewing shop drawings and submittals; checking quantities; reviewing requests for change orders; observing and reviewing three phase inspection (preparatory, initial, follow-up) for all features of work; and inspecting construction materials before installation
11/10-08/12	Quality Assurance Representative for USACE Civil Construction Projects. Mr. Brown provided quality assurance inspection services for LPV 20.2 reaches 3 and 4 extended levee berm foreshores. The project was over 14,000 feet in length along Lake Pontchartrain in Metairie. Materials comprised of R2200 graded stone, geotextile separator fabric, sand, and uncompacted fill. All materials and equipment were brought in by barge. The shoreline was extended out 150 feet. Geotextile separator fabric was placed underwater for stability and a graded stone berm was constructed. The area between this berm and the existing shoreline was filled in with sand and uncompacted fill. The quantity of the R2200 graded stone was over 317,000 tons.
02/09- 08/10	Harvey Canal Floodwall, Harvey, LA: Mr. Brown served as Survey Party Chief for construction layout and as-builts of the Harvey Canal floodwall. The project was a concrete T-wall with sheet piles , multiple rows of battered and vertical H-piles, and consisted of drainage monoliths, gate monoliths, and a pedestrian gate. Mr. Brown coordinated between three main area superintendents and multiple field superintendents
01/19-10/20	S.P. No. 009250, I-10: Highland to LA 73 Design-Build Project, LADOTD, East Baton Rouge/Ascension Parish, LA: Mr. Brown has served as a Construction 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, increasing the vertical clearance and rehabilitating LA 928 over I-10, and replacing I-10 over LA 73. On this project, Mr. Brown has attained his LADOTD certification in PCC Paving and has almost completed the certification for Embankment and Base Course.

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

16. Staff Experience:

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Firm employed by ECM Consultants, Inc.				
Name	Terry Oswald		Years of relevant experience with this employer	2
Title	Lead DOTD Certified Inspector		Years of relevant experience with other employer(s)	36
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			Mr. Oswald will serve as a DOTD Certified Construction Inspector for this project. He has the following certifications: DOTD Structural Concrete, DOTD PCC Pavement, DOTD Embankment and Base Course, Asphalt Paving Inspector/Technician, Authorized concrete Field Tester, Nuclear Device Operator. ATSSA Traffic Control Flagger/Technician/Supervisor. Mr. Oswald has 38 years' of experience in performing construction inspection of roads, bridges, drainage and utilities construction projects involving monitoring and documenting daily all construction activities for conformance with plans and specifications and documenting daily activities in Site Manager data base	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
06/19-On going	SPN H.003370.6: I-220/I-20 Interchange Imp & BAFB Access, Design Build Project, Bossier Parish: \$72,174,491.00; Mr. Oswald performed QC/QA testing and inspection for the project. Areas of inspection and testing to date included Clearing and grubbing, erosion control, Excavation and Embankment, Pile Driving, Drilled Shafts, Columns, Caps, Traffic control, P.C.C. Pavement, Asphaltic Concrete Pavement, Temporary Pavement Markings, Temporary Concrete Barriers, Guard Rail, Class II Base Course, Milling Asphalt Pavement, Storm Drain Pipe, Catch Basins, Site Manager Daily DWR's, Headlight Daily Work Reports, Monitoring Daily TTC Logs, Filling out weekly Erosion Control Measures reports, keeping up with pay item spreadsheets, checking width, depth, moisture, and density of embankment lifts, running slump, air content, and temperature of concrete during pours, Checking bridge substructures for conformance with plans and specifications, monitoring pile driving with a Saxameter for bearing, sampling 5 th lot aggregate samples from the concrete plant. Filling out ID's for samples in Site Manager Materials and following appendix G of the contract for all QC/QA aspects of the project.			
12/09-12-11	SPN 034-06-0046: Red River @ Grand Ecore Bridge: \$5,662,906.22; Mr. Oswald Supervised and assisted in performing QA testing and inspection for the project. Areas of inspection and testing included Removal of Structures and obstructions, Removal of Bridge Components (Removal of Deck & Barrier & Relocation of Exist. Stringers), Removal of Bridge Superstructure (Steel Girder Span), Superpave Asphaltic Concrete, Temporary Precast Concrete Barrier, Class AA (M) Concrete, Deformed Reinforcing Steel, Bridge Superstructure Repair, Sandblasting Girders, Traffic control, P.C.C. Pavement, Temporary Pavement Markings, Guard Rail, Milling Asphalt Pavement, Site Manager Daily DWR's, Monitoring Daily TTC Logs, Filling out weekly Erosion Control Measures reports, keeping up with pay item spreadsheets, running slump, air content, and temperature of concrete during pours, Checking bridge			

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

	substructures for conformance with plans and specifications, sampling 5 th lot aggregate samples from the concrete plant. Filling out ID's for samples in Site Manager Materials and following sampling plan of the contract for all QA aspects of the project. Compiling 2059 Report, Writing Final Change order.
06/12/09/15	SPN 116-04-0007: JCT. I-49 – Jct. LA 1 (Water Well Rd.): \$8,009,015.86; Mr. Oswald Supervised and assisted in performing QA testing and inspection for the project. Areas of inspection and testing included Clearing and Grubbing (Selective), Removal of Structures and obstructions, Removal of Bridges, General Excavation, Drainage Excavation, Embankment, Temporary Erosion Control, Class II Base Course, Chip Seal, Portland Cement Concrete Pavement, Cross Drain Pipe, Side Drain Pipe, Guardrail, Fence, Driveway Gates, Right of Way Monuments & Markers, Rip-Rap, Seeding, Precast Concrete Piles (16") & (24"), Vibration Monitoring, Traffic control, P.C.C. Pavement, Temporary Pavement Markings, Guard Rail, Milling Asphalt Pavement, Site Manager Daily DWR's, Monitoring Daily TTC Logs, Filling out weekly Erosion Control Measures reports, keeping up with pay item spreadsheets, running slump, air content, and temperature of concrete during pours, Checking bridge substructures for conformance with plans and specifications, sampling 5 th lot aggregate samples from the concrete plant. Filling out ID's for samples in Site Manager Materials and following sampling plan of the contract for all QA aspects of the project.
01/15-08-18	H.011071.6: LA 493, LA 1 – LA 119: \$2,173,702.34; Mr. Oswald Supervised and assisted in performing QA testing and inspection for the project. Areas of inspection and testing included Removal of Guardrail, General Excavation, Non Plastic (Sand), Borrow, Geotextile Fabric, Temporary Erosion Control, Class II Base Course, In-Place Cement Treated Stabilized Base Course, Lime Treatment, Aggregate Surface Course, Superpave Asphaltic Concrete, Chip Seal, Geogrid, Cross Drain Pipe, Side Drain Pipe, Guardrail, Seeding, Traffic control, Temporary Pavement Markings, Guard Rail, Milling Asphalt Pavement, Site Manager Daily DWR's, Monitoring Daily TTC Logs, Filling out weekly Erosion Control Measures reports, keeping up with pay item spreadsheets, running slump, air content, and temperature of concrete during pours, Checking bridge substructures for conformance with plans and specifications, sampling 5 th lot aggregate samples from the concrete plant. Filling out ID's for samples in Site Manager Materials and following sampling plan of the contract for all QA aspects of the project.
8/13-11/13	H.009329.6: I-49 Scour Project: Mr. Oswald supervised the replacement of the header material under the south end of the N.B. bridge over Kisatchie Bayou. The material was removed with a track hoe and dozer and replaced with new header material in one foot lifts with a layer of geotextile material under each lift to wick water out of the fill. Mr. Oswald utilized excavation and embankment certification.
04/13-07/14	H.009133: Long Leaf Trail: Mr. Oswald supervised the constitution of a detour bridge, new roadway alignment, and new bridge . The temporary detour road was built with embankment material and surfaced with aggregate surface course. For this, Mr. Oswald utilized excavation and embankment inspection certification. The bridge was replaced with new concrete piles and a box girder spans. For this, Mr. Oswald utilized structural concrete inspection certification. The road was raised with embankment and soil cement treated base course to match the new bridge, therefore he utilized his excavation and embankment inspection certification. The roadway was surfaced with asphaltic concrete and his asphaltic concrete roadway inspection certification was utilized.

Prime consultant name: *ECM Consultants, Inc.*

16. Staff Experience:

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Firm employed by ECM Consultants, Inc.			
Name	Mansoor Bajwa, E.I.		Years of relevant experience with this employer 6
Title	Certified Inspector		Years of relevant experience with other employer(s) 20
Degree(s) / Years / Specialization		B.S / 1978 / Civil Engineering; DOTD certified Structural Concrete Inspector; Asphaltic Concrete Paving Inspector; PCC Paving Inspector, Authorized concrete Field Tester, and ATSSA Work Zone Traffic Control Flagging Technician, Supervisor	
Active registration number / state / expiration date		EI 41304 / MD / Does not expire	
Year registered	2012	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Mr. Bajwa will serve as one of the Certified Inspectors for this project. Mr. Bajwa has more than 26 years of experience in the fields of construction engineering and construction inspection. His experience includes structural inspection of bridges including pile installations, bents, girders and deck, roadways, drainage and utilities, large parking lots, and heavy concrete hydraulic structures. He is proficient in MS Office and Excel	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
02/18 -05/20	S.P. No. H. 010661.6: N. Flannery/Firewood/Cloverland Bridges, LADOTD, East Baton Rouge Parish, LA: Mr. Bajwa served as lead construction inspector for this project that involved the complete replacement of the N. Flannery, Firewood and Cloverland bridges. The project included the removal of existing bridge structures, construction of three new bridge substructures & superstructure components , adjacent embankments and roadway. Mr. Bajwa monitored, observed, documented and prepared daily reports for construction activities for conformance with contract documents, maintained work quantity records, reviewed pay estimates, and coordinated for testing services.		
01/16-10/17	S.P. No. H.010659.5: 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.		
08/19 – 05/20	S.P. No. H.011540.6: Babin Road Bridge Reconstruction, LADOTD, Gonzalez, LA: Mr. Bajwa provided construction inspection for this project involving demolition and construction of an off-system bridge for LADOTD in Ascension Parish and was the Lead Inspector. The project included precast concrete pile driving, cast-in-place concrete bents, decks, approach slabs, safety rails and asphaltic concrete		

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

	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.
03/21–Ongoing	S.P. No. H.007520.6: Lafitte Greenway Corridor, New Orleans, LA: Mr. Bajwa is currently providing construction inspection for this project involving demolition and construction of a pedestrian bridge in Orleans Parish. It consists of removing existing bents and some of the piles and constructing a new bridge between Lafitte and Conti streets. He is 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.
04/12-07/13	S.P. No. H.009718: 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.
09/15-02/16	DPW Project No. 15-CN-MS-0008: 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.
12/13-10/14	S.P. No. H.010734: 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.

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

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	Mark Sanchez		Years of relevant experience with this employer
Title	DOTD Certified Inspector		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization			
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		Mr. Sanchez will serve as a DOTD Certified Inspector for this contract. He has the following certifications: LADOTD Asphalt Paving Technician; LADOTD Asphalt Plant Inspector/Technician; Work Zone Traffic Control Technician/Supervisor and Flagger.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
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 included 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 was 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 served as DOTD certified inspector for this project. This project consisted of removing a temporary bridge and replacing it with reinforced concrete box culverts. It also included roadway work including 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 for excavation operations, drainage structure installation, replacement of traffic signal, asphalt paving and striping of roadway.		

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

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 also included 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	Roadway restoration in connection with 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 determine 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 various projects as needed.
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.

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

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 <i>ECM Consultants, Inc.</i>			
Name	Benjamin Dow		Years of relevant experience with this employer
Title	Senior Technician/Inspector		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		High School Diploma; LADOTD certified Embankment and Base Course Inspector; ATSSA Certified Flagger, Technician, Supervisor. NHI Certified-Safety Inspection of In-Service Bridges; LADOTD Movable Bridge Inspection Workshop; Training Aids for Dam Safety (TADS); USACE Levee Inspection Workshop.	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Mr. Dow has over 29 years of experience in performing inspection for projects such as: roads & bridges, dams, levees, and coastal restoration projects. Mr. Dow will serve as one of the certified inspector on as needed basis.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
04/22-On going	S.P. No. 713-38-0001, Belle Chasse Bridge, A P3 Design-Build Project, LADOTD, (Developer: Plenary Infrastructure Belle Chasse LLC), Mr. Dow is providing construction inspection services as one of the inspectors for this \$182 million new Mid-Level fixed span bridge that will span the Intracoastal Waterway on Louisiana Highway 23 . This project will include the demolition of the existing Perez Movable Bridge and the Belle Chasse Tunnel. This work includes pile driving, installing steel girders, installing prestressed concrete girders, on grade roadway including earthwork, subbase and base, drainage, utilities relocation, PCC pavement, Asphaltic Concrete pavement, concrete barrier railing etc.		
01/09 -12/13	S.P. No. 064-05-0085, Bayou Lafourche Bridge at Larose, LADOTD, Lafourche Parish, LA: Mr. Dow served as construction inspector for this \$32 million vertical lift bridge. This 122' x84' movable section is the largest span lift bridge in the state. The work included driving concrete piles, steel sheet pile TRS, concrete piers, 96' high concrete towers, installation of structural steel members of the bridge, sheaves, cables welding, bolted connections, anchor bolts, and concrete approaches..		
09/21-03/22	S.P. No. H.011752, Severn Avenue Corridor Improvement, LADOTD/Jefferson parish-DPW, Jefferson, LA; Mr. Dow served as one of the Construction Inspector on the project. Scope of project include removal and replacement of existing PCC pavement with new PCC pavement , 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 17 th street and West Esplanade, replacement and upgrade of subsurface drainage system, streetscaping, new bike path., new decorative street lighting, pedestrian lighting and pedestrian signals.		

Prime consultant firm Name: *ECM Consultants, Inc.*

11/16 -03/19	S.P. No. H.007259 (CE&I): Fleur De Lis Drive Reconstruction (30th Street-Old Hammond Hwy), LADOTD; Orleans Parish, LA Mr. Dow served as an inspector for this project . Work included reconstruction of Fleur de Lis Drive roadway, a main artery in a residential corridor, involving grading, drainage, drainage structures and utilities, class II base course, Portland cement concrete pavement , superpave asphaltic concrete pavement at transitions, ADA accessible sidewalks, driveways and removal/replacement of sewer and water mains
05/11-08/13	S.P. No. H.003203.6: I-10 Calcasieu River Bridge Repairs, LA DOTD; Calcasieu Parish, LA: Mr. Dow provided construction inspection services for structural steel repairs to the approach trestle bents and stringers, repairs to the connections of the main deck truss & steel cantilever truss members, painting of truss connections, anchor bolt repairs, and associated repairs to the approach roadway pavement expansion joints. He conducted an initial inspection/assessment of the unforeseen conditions during construction and collected information (including field dimensions and photos of what has been encountered) for their review by the project engineer.
06/21-04/22	JPPW No. 2013-010-RB, Lapalco Blvd. Bridge over Bayou Segnette, Jefferson Parish DPW, Jefferson Parish, LA: Mr. Dow provided construction inspection for rehabilitation of this 3,000' long bridge in Jefferson Parish. He performed inspections for the replacement of all bearing pads for the girders that required lifting of each span individually, replace all damaged and bent anchor bolts and angle clits, replace all deck expansion joint systems, remove and replace the bridge's concrete curtain walls, installing new expansion joint materials on the deck and installation of a heavy steel structure to support the concrete girders in the event the movement of the span continues beyond the bent cap.
05/14-12/16	S.P. No. 4400003534 Retainer Contract for Underwater Bridge Inspection Services, LADOTD; Statewide, LA: Mr. Dow provided inspection services for approximately 100 bridges under this five-year retainer contract. Scope of work included detailed reports involving elements and conditions rating and documentation of any significant deviations from as-built conditions for each inspection, recommendations for rehabilitation/repair, as well as other pertinent data. Some notable bridge inspections included: <ul style="list-style-type: none"> • LA 16 Over Amite River Moveable Bridge, Livingston Parish, LA • US 90 Over West Pearl River Truss Steel Vertical Lift Bridge, St. Tammany Parish, LA • US 90 Over West Middle River Cantilever Trusses Bridge, St. Tammany Parish, LA • Lapalco Blvd Over Harvey Canal Bascule Bridge, Jefferson Parish, LA • LA 56 Smith Ridge Cable-Stayed Moveable Truss Bridge Terrebonne Parish, LA

16. Staff Experience:

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Firm employed by ECM Consultants, Inc.				
Name	Anatole Hammer		Years of experience with this firm/employer	6
Title	Construction Inspector		Years of experience with other firm(s)/employer(s)	20
Degree(s) / Years / Specialization			High School Diploma	
Active registration number / state / expiration date			N/A	
Year registered		Discipline	N/A	
Contract role(s) / brief description of responsibilities			Mr. Hammer will serve as Construction Inspector under this contract. He has the following certifications: ATSSA Traffic Control Flagger, Traffic Control Technician, Traffic Control Supervisor and OSHA 10. He is a certified PEC and will be available for inspection of power supply for pump motors, controls, ventilation fans, roadway lighting and traffic signals etc.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
03/19-05/20	LADOTD SP H.012420.6 (CE&I) I-110 Interchange Modifications @ Terrace Ave., Baton Rouge, LA: Mr. Hammer served as Construction Inspector under supervision of the DOTD certified inspectors 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 new signage and the installation of poles with new camera equipment to monitor traffic.			
03/14- Ongoing	SSO Program, City of Baton Rouge/East Baton Rouge Parish-DPW; Baton Rouge, LA. Mr. Hammer is providing construction inspection services for many projects under this \$900 million SSO program undertaken by City to mitigate EPA consent decree. His responsibilities include monitoring construction activities to ascertain that works are performed in conformance with the project plans and specifications, conforming to construction safety requirements of OSHA Standards. He is also responsible for tracking quantities of pay items as well as. recording equipment at the site, both working and idle, number and categories of contractor’s personnel working at the site. He was involved in inspection of installation of new Gravity lines as well as rehabilitation of gravity lines, and installation of Forcemains, and upgrades of Pump Stations and wastewater treatment plant facilities. Mr. Hammer’s responsibilities included inspection of electrical system,, control system and SCADA system to pump stations and WWTP.			

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 GOTECH, INC.			
Name	Robert Price, PLS		Years of relevant experience with this employer
Title	Survey Coordinator		2
Degree(s) / Years / Specialization		MS 2009 Engineering & Technology Management; BS 1997 Survey & Mapping; BS 1993 Industrial Technology/Building Coordination	
Active registration number / state / expiration date		4889 LA 03/31/2024	
Year registered	1992	Discipline	Professional Land Surveyor
Contract role(s) / brief description of responsibilities		Mr. Price is a Licensed Professional Land Surveyor with more than 20 years of experience in land surveying and mapping; project management; and personnel management. He has provided surveying and utility location designation support for pipeline, road improvement, LNG facilities, oil and gas well locations, and private development projects. Mr. Price will serve as Surveyor 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 time specified in the applicable MPR(s).		
04/15-present	4400004485; H.009320: LA DOTD – Acadian Rd Roundabout, Route LA 20 (Canal Blvd) & Local Routes (Back Street, Jackson Street, Thompson Place), Thibodaux, LA: Mr. Price was the Professional Land Surveyor providing professional supervision and project management oversight for the right-of-way mapping services to support parcel acquisition required for design of a new road roundabout in Thibodaux, Louisiana. Project included field property surveys performed to DOTD survey standards and parcel title work reviews of affected properties. Final right-of-way map and parcel description deliverables, along with MicroStation parcel mapping files, were reviewed and submitted in accordance with established DOTD Location and Survey delivery requirements.		
10/17-Present	Parish of Ascension DPW – Move Ascension – Henry Road Safety Widening (LA 73 Tillotson Road/Akins Road) Ascension Parish, LA: Mr. Price is the project manager providing the topographic surveying and mapping services to support the design and right-of-way acquisition for the Move Ascension - Henry Road widening project. Project surveys were in support of new design to widen approximately 8-miles of roadway in Ascension Parish. GOTECH is a Sub-Consultant to GSA, Inc.		
04/18-06/18	Peltier Park Sidewalks – Local Road Safety Program / Safe Routes to School – LA DOTD (4400005891; H.012479): Mr. Price was the Survey Project Manager managing the topographic survey to support design for various sidewalk, driveway and handicapped curbed ramp improvements along the perimeter of Peltier Park in Thibodaux, Louisiana. Project field activities included a 2,400-linear foot existing conditions and utility survey utilizing Louisiana DOTD electronic data collection standards. The final deliverables for the project consisted of detailed plan/profile sheets drawn for the project alignment.		

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

05/17-07/17	I-55 at Hwy 22 Interchange Lighting, Tangipahoa Parish, LA - LA DOTD (4400005660; H.012874.5): As Survey Project Manager, Mr. Price professionally managed the topographic and utility location survey services in support of design plans and specifications for the I-55 at LA Hwy 22 Interchange Lighting in Tangipahoa Parish. Survey crews conducted a complete topographic, elevation and utility survey within the entire limits of the I-55 Interchange with LA Highway 22. The topographic survey included data collected on the highway crossing exit/entrance ramps and elevated overpasses in addition to the location of both above ground and subsurface utilities required to facilitate design of lighting structures. All final deliverables were certified and submitted in strict accordance with DOTD Location and Survey standards.
10/17-03/18	I-10 at Morrison Rd Interstate Lighting, Orleans Parish, LA – LADOTD Retainer Contract for Electrical Services (4400002746; H.012602.5): Mr. Price provided project oversight as a Professional Land Surveyor with supervision and project management of topographic surveys to support various interstate lighting design projects. The projects included static GPS control surveys and topographic field surveys performed to DOTD survey standards within the full limits of the highway interchange. The survey field information gathered included roadway surface features, drainage structures, designated subsurface utility locations, and structure data on elevated portions of the interstate bridge overpass . Final deliverables, and MicroStation mapping files, were certified and submitted in accordance with established DOTD Location and survey delivery requirements.
08/03-10/07	Louisiana Department of Transportation and Development, U.S Hwy 165, Georgetown to Tullos, Grant and LaSalle Parishes, Louisiana: Survey Coordinator responsible for deed research and property monument recovery in connection with the property survey along a six (6) mile section of the existing U.S. Hwy 165 roadway from Georgetown to Tullos. Survey consisted of locating and retracing the boundary lines of approximately 100 property owners. Several restorations of Public Land Survey corners were undertaken as required in the determination of boundary lines

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

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 GOTECH, INC.			
Name	John Biggs		Years of relevant experience with this employer
Title	Survey Technician		Years of relevant experience with other employer(s)
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		<p>Mr. Biggs is presently a Survey Technician with over 20 years of survey experience. Mr. Biggs has a working knowledge of total station operation, EDM equipment, Fathometer/Hydro equipment, data collection and GPS equipment. He has been involved in nearly every aspect of field surveying to include:</p> <ul style="list-style-type: none"> - First order baseline traversing - Property boundary surveys - Cadastral layout - Cross section surveys - Topographic surveys - Construction layout - Automated hydrographic surveys - Photogrammetric surveys - Infra-structure surveys - Levee centerline profile surveys ▪ Certified Traffic Control Supervisor – ATSSA Expires 2/7/2023 ▪ Certified Traffic Control Technician – ATSSA Expires 2/5/2023 	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
02/19-present	<p>Pointe-Marie: A New Village, Baton Rouge, LA Mr. Biggs is currently the Lead Survey Technician for the on-going design and construction of Pointe-Marie. This project entails a planned community development of a mixed-use village encompassing over 120 acres. His duties include the layout of roadways, drainage, grading, sanitary sewer system, utility layout and coordination and overseeing construction activities. Phase I is complete and he is working on Phase II.</p> <p>Mr. Biggs also has been responsible for the boundary survey field work on the development. This work includes geometric calculations, property corner setting, elevation surveys and lot layouts. Working to improve drainage across overhead utilities and underground pipelines in the north end of the property to include Entergy Transmission and Distribution, Shell Pipeline, Baton Rouge Sewer Force Main and Entergy Gulf States.</p>		

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

11/19-05/21	New Orleans Street Rehabilitation: RR101, RR102 – New Orleans Department of Public Works, Orleans Parish, LA Mr. Biggs was Survey Technician providing topographic surveying services for roadway rehabilitation design. The project included static GPS control surveys, elevation level loop runs, and conventional topographic field surveys. Topographic field information gathered included roadway/pavement surface features, drainage structures, both surface and subsurface utilities, and survey data on all features within the apparent right-of-way. All field data was collected in standard DOTD electronic feature code format.
11/19-06/21	New Orleans Streets Rehab: RR119 RR120 – New Orleans Department of Public Works, Orleans Parish, LA For the roadway improvement projects in New Orleans, Mr. Biggs has been the Lead Survey Technician for GOTECH. He has conducted topographic surveys that were used as the basis for new roadway improvement designs. Gutter line surveys were used for drainage calculation and his pavement surveys were used as the basis for new roadway geometric designs (vertical curves and horizontal geometry). All survey data was compiled in detailed plan/profile sheets resulting in a complete construction document package.

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

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 Discipline(s)*	Other
Project name	Harvey Tunnel Inspection		Firm responsibility (prime or sub?)	Sub to Hatch Mott MacDonald
Project number	State Project No. 4400004383	Owner's name	LADOTD	
Project location	Jefferson Parish, Louisiana		Owner's Project Manager	Haylye Brown, P.E.
Owner's address, phone, email	PO Box 94245, Baton Rouge, LA 70604. 225.379.1500, Haylye.brown@la.gov			
Services commenced by this firm (mm/yy)	03/14	Total consultant contract cost (\$1,000's)		NA
Services completed by this firm (mm/yy)	03/16	Cost of consultant services provided by this firm (\$1,000's)		\$101

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

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

ECM provided visual inspection, documentation and report preparation support services for the Harvey Tunnel in accordance with the National Tunnel Inspection Standards (NTIS). The scope for visual inspection of the project included:

- structural elements
- drainage system
- electrical systems including tunnel lighting, traffic control, CCTV, fire/incident detection, Power Distribution, Supervisory Control and Data Acquisition systems
- mechanical system including pumps, ventilation and standpipe

Details of services provided included, but not limited to the following:

1. Structural Inspection for evidence of settlements and distresses, signs of cracking, convergence, shifting, or general deterioration for:
 - portal approaches and buildings; floors, walls, ceiling, and support members; ceiling slabs, supports and finishes; Joints in locations of tunnel leakage
2. Drainage Inspection
 - existing points of water infiltration and control features, appurtenances, the existing drainage facilities, the existing drains and piping components and the drainage gallery under the tunnel.

3. Electrical Inspection

A visual assessment of the equipment for assessment of the tunnel electrical systems included:

- Tunnel lighting inspection for functionality and luminance output; Tunnel Traffic Control including signage; CCTV; Fire Detection Systems; Main incoming switchgear, Transformers and Power Distribution system; Panel boards and disconnect enclosures and boxes; Supervisory Control and Data Acquisition (SCADA) system; Standby power supplies, UPS transfer switches and generators and; Instrumentation and Controls

4. Mechanical Inspection

A visual inspection of the equipment and an assessment of the tunnel mechanical system included:

- Tunnel Ventilation System; Carbon Monoxide Detection System; Plumbing and Sewage Ejection; HVAC and Space Heating; Fire Protection; and Compressed Air System.

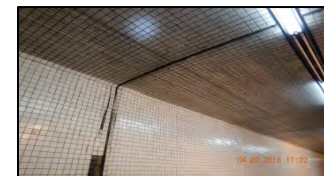
5. Civil Inspection

A visual inspection and documentation the condition of the pavement system included:

- Tunnel roadway, approach roadways, barriers, sidewalks, walls, hatches, adits, manways, wall niches, and passage doors and the portal buildings.

ECM's scope of services included, but not limited to the following:

- Field inspection with the project team
- Inspection of tunnel and approach pavements, tunnel walls, drainage, portal buildings
- Report preparation support and reviews
- Cost estimating



Personnel worked on this project and included in this proposal:
Ujjal DasGupta, P.E.,
Emilio Rodriguez, Ben Dow

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

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 Discipline(s)*	CE&I/OV
Project name	Belle Chasse Tunnel Rehabilitation		Firm responsibility (prime or sub?)	Sub to KBR
Project number	State Project No. 700-38-0110	Owner's name	LADOTD	
Project location	Plaquemines Parish, Louisiana		Owner's Project Manager	Kevin Reed
Owner's address, phone, email	PO Box 94245, Baton Rouge, LA 70604. 225.379.1916, Kevin.reed@la.gov			
Services commenced by this firm (mm/yy)	05/10	Total consultant contract cost (\$1,000's)	\$190	
Services completed by this firm (mm/yy)	08/12	Cost of consultant services provided by this firm (\$1,000's)	\$62	

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

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

ECM provided design support and **construction administration** services for **this \$2.1 million rehabilitation** of the Belle Chasse Tunnel. Scope of the project included:

- Joints Repair including:
 - Leak Sealant Injection Treatment including sealing each tunnel structural joints circumference in three phases using hydrophilic urethane material
- Electrical Rehabilitation including:
 - Closed Circuit Television System
 - Gas Sensors/Transmitters
 - Fire Alarm System
 - Over Height Vehicle Detection System
 - Variable Message Sign (VMS)
 - Tunnel Lighting
- Mechanical Rehabilitation including:
 - Insulated Secondary Contained Aboveground Storage Tank
 - Ventilation Louvers
 - Gate valves and Check valves
 - Repair/Refurbish Suspended Wet Pit Pumps

- Structural Rehabilitation
 - Joint Repair System
 - Water diversion curb plate

ECM's scope of services included, but not limited to the following:

- Field inspection for physical condition assessment of the elements of the tunnel included in the scope
- Assist in preparation of report and preparation of cost estimates for approved rehabilitation items
- Assist in preparation of bid documents
- Attend the pre-construction meeting
- Provide Construction Administration including:
 - Managing RFIs and Change Requests from contractor
 - Keeping clear and concise records of the contractual operations
 - Managing RFIs and Change Requests from contractor
- Attending substantial completion and final inspection and preparing "Punch List"



Personnel worked on this project and included in this proposal:
Ujjal DasGupta, P.E.
Emilio Rodriguez

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

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 Discipline(s)*	CE&I/OV
Project name	Belle Chasse Tunnel Inspection		Firm responsibility (prime or sub?)	Prime
Project number	State Project No. NA	Owner's name	DBi Services, LLC	
Project location	Plaquemines Parish, Louisiana		Owner's Project Manager	Clarke Woods
Owner's address, phone, email	6707 Monroe Hwy, Ball, Louisiana 71405, NA, Clarke.woods@dbiservices.com			
Services commenced by this firm (mm/yy)	02/20	Total consultant contract cost (\$1,000's)		\$75
Services completed by this firm (mm/yy)	04/20	Cost of consultant services provided by this firm (\$1,000's)		\$40

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

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

ECM Consultants, Inc. was engaged by DBi Services to perform the baseline inspection of the Belle Chasse Tunnel and the movable bridge. The purpose of the inspection is to perform visual inspections to assess present conditions, summarize findings and provide recommendations based on engineering judgement for potential maintenance and **repair needs during the construction of the proposed new Belle Chasse bridge**. The duration of construction is anticipated to be approximately four years. As per the contract between the LADOTD and the Developer of this P3 project, which is the first of its kind in Louisiana, the Developer will be required to operate and maintain the tunnel and the movable bridge during the construction period. The inspection involved review of the previous inspections performed by LADOTD and site visit by NHI certified engineers and NHI certified inspectors. The inspections for both the bridge and the tunnel were performed on February 29, 2020.

ECM provided visual inspection, documentation and report preparation services for the Belle Chasse Tunnel in accordance with the National Tunnel Inspection Standards (NTIS).

Details of inspection services provided included, but not limited to the following:

1. Structural Inspection for evidence of settlements and distresses, signs of cracking, convergence, shifting, or general deterioration for:
 - Liner walls, Crown Liner; Construction Joints; Leak Repair Joints; Walkway Floor; Walkway Wall; Air Duct; Air Flues and Niches; Fence; .Portals; Tile Finish and Tunnel Roadway.
2. Mechanical Inspection of:
 - Tunnel Ventilation System; Carbon Monoxide Detection System; Plumbing and Sewage Disposal; HVAC and Space Heating; Tunnel Drainage; Fire Protection; Compressed Air System.

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

3. Electrical Inspection of:

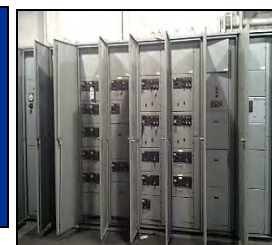
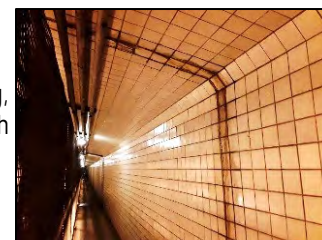
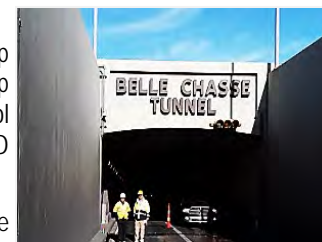
- Tunnel lighting; Power Distribution System; Gretna Side Pump Room; Mid Channel Pump Room; Belle Chasse Side Pump Room; The Belle Chasse side fan room; Pump starter control panels; Emergency Power System; Fire Alarm System; CO detection system; Tunnel Traffic Control system and CCTV.

As prime, ECM's scope of services included, but not limited to the following:

- Project coordination with LADOTD and subconsultants
- Field inspection with the project team
- Inspection of tunnel structural and civil elements including, tunnel walls, joints, leak repair joints, liners, tunnel and approach pavements etc.
- Mechanical system inspection and
- Report preparation with recommendations.

Personnel worked on this project and included in this proposal:

Ujjal DasGupta, P.E.
Kazem Alikhani, PE
Heidi Gremillion, PE
Ben Dow



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 Discipline(s)*	CE&I/OV
Project name	Bayou Lafourche Movable Bridge at Larose		Firm responsibility (prime or sub?)	Prime
Project number	State Project No. 064-05-0085	Owner's name	LADOTD	
Project location	Lafourche Parish, Louisiana		Owner's Project Manager	Chris Rogers, P.E.
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70604; 985-447-0943; Chris.rogers@la.gov			
Services commenced by this firm (mm/yy)	06/09	Total consultant contract cost (\$1,000's)	\$2,975	
Services completed by this firm (mm/yy)	11/14	Cost of consultant services provided by this firm (\$1,000's)	\$2,370	

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

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

ECM provided construction contract administration and Construction Engineering and Inspection (CE&I) services for construction of a new vertical lift bridge located in Lafourche Parish. This project also included approach roadways and roadway modifications. This new bridge replaced the existing LA 310 bridge at LA 657 extension to LA 308. **This \$32 million project** is the third largest ARRA funded transportation project in the state of Louisiana.

The bridge boasts one of the largest single span lift bridge in the state of Louisiana which measures 122' by 84.' Each end of the lift span is raised on dual columns towering 96' in height, with sheaves measuring 13' in diameter and weighing in at 60,000 pounds. Each approach to the bridge is composed of three 20' spans and an approach slab. The project also included drainage installation, roadway widening, and construction of a new operator control house.

Work included marine pile driving, piers construction, concrete tower columns; the installation of structural steel girder framed movable sections including sheaves, cables, etc.; operator's building; welding; bolted connections; anchor bolts; concrete approaches; and roadway reconstruction, etc. Work also included **electrical and mechanical works, and surface preparation and field painting/protective coating** of main deck span, lift heads, & mechanical components.

Work performed by ECM for CE&I services included but not limited to the following:

- Scheduling and conducting the pre-construction meeting.
- Reviewing and implementing LADOTD prepared sampling and testing plan
- Maintaining all construction field records; making daily entries in the project diary

- Coordinating with the Parish Engineer, LADOTD Project Coordinator, and Coast Guard,
- Coordinating with representatives of all utility entities for relocations and adjustments of utilities facilities at the construction site
- Preparing monthly pay estimates, and making monthly progress Reports
- Preparing all documentation and entering in the site manager.
- Monitoring safety compliance
- Monitoring and documenting all construction claims
- Managing RFIs and Change Requests from contractor
- Reporting deficiencies to the contractor for correction and simultaneously notifying LADOTD
- Attending substantial completion inspection and preparing "Punch List"
- Attending final inspection and verify completion of punch list item
- Preparing and submitting "As-Built" plans
- Preparing Form 2059 and submitting final estimate packages to LADOTD



Personnel worked on this project and included in this proposal:

Ujjal DasGupta, P.E.
Larry Langenstein, PE
Gary Gisclair, PE
Kim Martinez
Emilio Rodriguez

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

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 Discipline(s)*	CE&I/OV
Project name	Doullut Movable Bridge Canal		Firm responsibility (prime or sub?)	Prime
Project number	State Project No. 713-38-0001	Owner's name	LADOTD	
Project location	Plaquemines Parish, Louisiana		Owner's Project Manager	Nelson Capote, PE
Owner's address, phone, email	P.O. Box 9180 Bridge City, LA 70096, 504-361-6495, Nelsoncapote@la.gov			
Services commenced by this firm (mm/yy)	02/08	Total consultant contract cost (\$1,000's)	\$976	
Services completed by this firm (mm/yy)	08/13	Cost of consultant services provided by this firm (\$1,000's)	\$924	

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

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

ECM provided construction contract administration and Construction Engineering and Inspection (CE&I) services for this \$12 million movable bridge including approach roadways, located in Plaquemines Parish. The project involved construction of a new movable steel girder swing bridge with concrete bridge piers and concrete slab span approaches over Doullut Canal to replace an existing bridge. This 150-foot unequal arm steel swing span bridge is operated by dual hydraulic motors and provides access to Highway 11. The scope included cofferdam construction, driving concrete piles, concrete pier construction and steel movable bridge installation including all electrical and mechanical items, surface preparation and field coating of girders, floor beams, cross bearings and end dams, and timber fender system, navigational lights and asphaltic concrete roadway construction.

ECM's scope for providing CE&I services included, but not limited to the following:

- Scheduling and conducting the pre-construction meeting
- Reviewing and implementing LADOTD prepared sampling and testing plan
- Maintaining all construction field records; making daily entries in the project diary to indicate the Consultant's personnel and Contractor's personnel present at the job site, the Contractor's equipment being utilized on the project and charging of contract time
- Coordinating with Parish, Coast Guard and LADOTD Project Coordinator,
- Coordinating with representative of utility entities for relocations and adjustments of utilities within the Construction site

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

- Sampling and delivering samples to DOTD laboratory for lab testing of samples operations.
- Keeping record of work quantities on daily basis
- Coordinating with Testing Lab for sampling and field testing
- Inspecting the contractor's construction operations (daily) to ensure that all work is performed in accordance with the specified plans and specifications
- Managing RFIs and Change Requests from contractor
- Keeping clear and concise records of the contractual Preparing monthly pay estimates, and making monthly progress Reports
- Preparing all documentation and entering in the site manager.
- Monitoring safety compliance
- Monitoring and documenting all construction claims
- Monitoring and documenting all construction claims
- Managing RFIs and Change Requests from contractor
- Reporting deficiencies to the contractor for correction and simultaneously notifying LADOTD
- Attending substantial completion inspection and preparing "Punch List"
- Attending final inspection and verify completion of punch list
- Preparing and submitting "As-Built" plans and Form 2059 and submitting final estimate packages to LADOTD



Personnel worked on this project and included in this proposal:
Ujjal DasGupta, P.E.
Larry Langenstein, PE
Emilio Rodriguez

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	Huval & Associates, Inc.		Past Performance Evaluation Category(ies)*		Bridge	
Project name	Red River – Jackson St. Bridge, Route US 165-B				Firm responsibility (prime or sub?)	Prime
Project number	H.000579.5	Owner’s name	LADOTD			
Project location	Alexandria, LA			Owner’s Project Manager	Paul Vaught, III, P.E	
Owner’s address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70804, (225) 379-1816, paul.vaught@la.gov					
Services commenced by this firm (mm/yy)		05/11	Total consultant contract cost (\$1,000’s)			\$343
Services completed by this firm (mm/yy)		08/16	Cost of consultant services provided by this firm (\$1,000’s)			\$343

Huval & Associates, Inc. (HUVAL) acted as lead consultant for this LADOTD project, providing coordination, engineering design and plan development for the rehabilitation of the movable bridge structure and approaches of the Jackson St. Bridge. Work performed included the following:

- **Structural** - Repair damage to abutment caused by pavement growth. Repair the damaged approach slab and provide a relief mechanism for the future approach slab. Replace the steel grid deck on the movable span. Design and detail a method to upgrade the existing pedestrian walkway along the bridge to meet the current ADA standards for accessible design. Design and detail a bicycle path along the current bridge.
- **Mechanical** - Rehabilitation of all movable bridge elements including new span locks, new jib hoists, lubrication and painting of all machinery, inspection of the wire ropes, and refurbishing the traffic barriers.
- **Operators House** - Rehabilitation and updating of the operator's house which includes replacing the roof, windows, doors, painting. Installation of a new HVAC system. Installation of a bathroom including all plumbing, a sewage treatment plant, and a new water line.
- **Project Challenges and Solutions** - The additional span weight as a result of the 6' sidewalk and bike path required additional counterweight blocks to be added to each counterweight pocket. To ensure the counterweight cables, tower drive machinery, and superstructure are not compromised by the additional span weight, calculations were performed using AASHTO LRFD methods. HUVAL also provided the construction related engineering services during the rehabilitation of the bridge.

**Key Project Members:**

David S. Huval, Sr., Principal

William Lee Hupperich, Mechanical Lead

Thomas M. Gattle III, Design Engineer

Colby Guidry, Design Engineer

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

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	Huval & Associates, Inc.			Past Performance Evaluation Discipline(s)*		Bridge	
Project name	Theriot-Voisin Bridge Over Bayou Theriot, Movable				Firm responsibility (prime or sub?)		Prime
Project number	17-BRG-49		Owner's name	Terrebonne Parish - Consolidated Government			
Project location	Houma, Louisiana			Owner's Project Manager		David Rome, P.E.	
Owner's address, phone, email		P.O. Box 2768 Houma, LA 70361, (985) 873-6711, drome@tpcg.org					
Services commenced by this firm (mm/yy)			10/17	Total consultant contract cost (\$1,000's)			\$62
Services completed by this firm (mm/yy)			05/19	Cost of consultant services provided by this firm (\$1,000's)			\$62

Huval & Associates, Inc. (HUVAL) was contracted to provide all necessary engineering required for developing plans for the replacement of the Theriot Voisin Bridge main bascule span and rehabilitation of the approach spans.

HUVAL prepared Design and Construction Plans for the 33ft. hinge pin type bascule bridge and approaches. The bridge structure had to be designed on existing alignment in a confined area under vertical constraints to minimize impact to the surrounding roadways and water levels.

HUVAL's responsibilities on this project (17-BRG-49) included the following:

- Timber approach span design
- Structural design of the steel superstructure and substructure on the movable span
- Design of Movable Bridge Machinery
- Design of Electrical System
- Existing bridge removal plans
- Construction Services including shop drawing review, RFI's,
- installation and operation inspection, shop visits, site visits, and project management. Construction services including

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



HUVAL performed 100% of the work for this project in Louisiana.

Key Project Members:

David S. Huval, Sr., Principal, **Justin Peltier**, Bridge Design Engineer
Lee Hupperich, Mechanical and Electrical Design Engineer, **Colby Guidry**, Bridge Design QC

17. Firm Experience:

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Firm name	Huval & Associates, Inc.		Past Performance Evaluation Category(ies)*	Bridge
Project name	Herman Dupuis Rd. Pontoon Bridge Replacement		Firm responsibility (prime)	Prime
Project number	N/A	Owner's name	St. Martin Parish	
Project location	Butte La Rose, LA		Owner's Project Manager	Kasey Courville, P.E.
Owner's address, phone, email	P.O. Box 9, St. Martinville, LA 70582, (337) 394-2200, kcourville@stmartinparish.net			
Services commenced by this firm (mm/yy)	01/19	Total consultant contract cost (\$1,000's)		\$726
Services completed by this firm (mm/yy)	05/21	Cost of consultant services provided by this firm (\$1,000's)		\$726

Huval & Associates, Inc. (HUVAL) was contracted to provide all necessary engineering required for developing plans for the replacement of the Herman Dupuis Rd. Pontoon Bridge. The existing single lane pontoon is closed frequently due to high water levels and structural repairs as required.

HUVAL prepared Design and Construction Plans for a two lane 125 ft. unequal arm steel girder swing span with 145 ft. of concrete slab span approaches. The bridge structure had to be designed on existing alignment in a tight area under vertical constraints to minimize impact to the adjacent roadways, private property, water levels, and the Atchafalaya Basin Levee adjacent to the bridge. The HPU and control panel will be located on the structure to reduce construction cost by eliminating the need for an operator's house. The new bridge will better meet the needs of the community by increasing safety, traffic capacity, improving stopping sight distance, and eliminating closures due to water levels.

HUVAL's responsibilities on this project included the following:

- Structural design of the concrete slab span approach superstructure
- Structural and Geotechnical design of the slab span approach substructure
- Structural and Geotechnical design of the concrete substructure on the movable span
- Structural design of the steel superstructure on the movable span
- Mechanical and Hydraulic Systems design
- Electrical design
- Traffic barrier design
- Final plans were completed in 2021 and the job is now under construction. Huval is currently providing construction services including; shop drawing review, RFI's. Installation and operation inspection of mechanical systems, shop visits, site visits.

Key Project Members:

David Huval, Sr., Principal, Structural Design, Construction Support

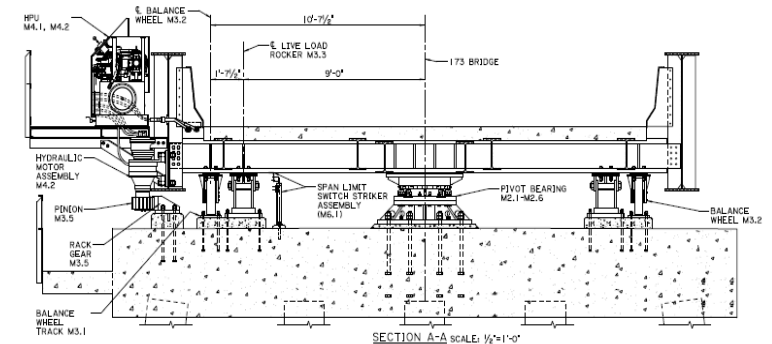
Nick Helminger, Roadway Design

Reid Romero, Lead Structural Design

Lee Hupperich, Lead Mechanical and Electrical Design, Construction Support

Colby Guidry, Structural Design and Support

Malcolm Huval, Mechanical and Electrical Design, Construction Support



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

17. Firm Experience:

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Firm name	A P S Engineering and Testing, LLC		Past Performance Evaluation Discipline(s)*	Other (Testing)
Project name	Westwood Drive (WB Expressway to Lapalco)		Firm responsibility (prime or sub?)	SUB
Project number	H.011670	Owner's name	DOTD	
Project location	Orleans Parish		Owner's Project Manager	Fritz C. Lua
Owner's address, phone, email	Design Engineering, Inc. 330 W. Esplanade Ave. Suite 205, Metairie, LA, 504.836.2155, flua@dei-engr.com			
Services commenced by this firm (mm/yy)	04/19	Total consultant contract cost (\$1,000's)		N/A
Services completed by this firm (mm/yy)	09/20	Cost of consultant services provided by this firm (\$1,000's)		\$80

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

ApS provided the QA for material testing services representing DOTD. As the QA testing lab, APS conducted all laboratory and field tests for approval of soil, compaction tests, and concrete testing. This included over hundreds of sieve analysis, gradation, proctors, concrete cylinders breaks, field compaction, and concrete pour monitor. APS also entered test results into SiteManager.

Personnel worked on this project and used in this proposal:

Sergio Aviles, P.E.
Sai Eddanapudi, M.E., P.E.
David Wilson



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

17. Firm Experience:

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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. 70802-4438225-379-1001; 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 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., Donna Easterly



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

17. Firm Experience:

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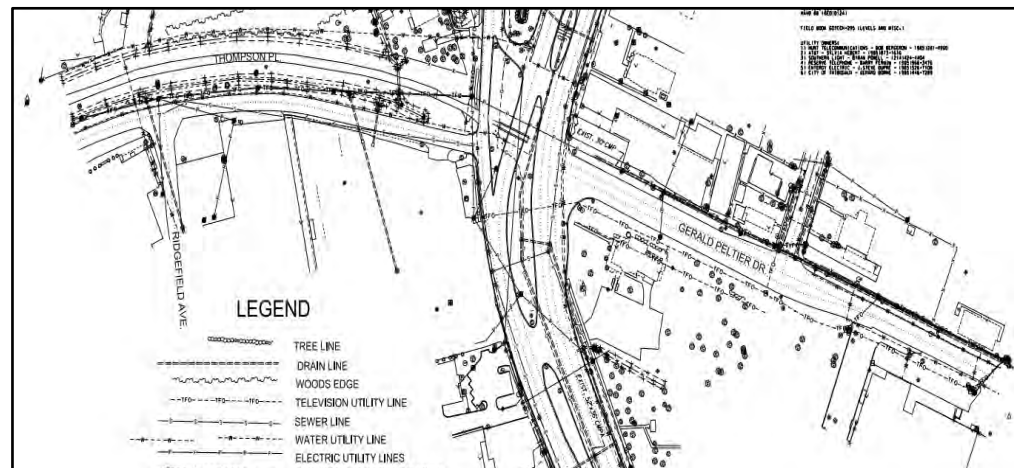
Firm name	GOTECH, Inc.		Past Performance Evaluation Category(ies)*	Survey
Project name	Acadian Rd Roundabout, Route LA 20 (Canal Blvd) & Local Routes (Back Street, Jackson Street, Thompson Place)		Firm responsibility (prime or sub?)	Sub
Project number	4400004485; H..009320	Owner's name	LADOTD	
Project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

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

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

Personnel worked on this project and used in this proposal

Rhaoul Guillaume, Sr. P.E.
Rob Price, P.L.S.
Raymond Belmer



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

17. Firm Experience:

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Firm name	GOTECH, Inc.		Past Performance Evaluation Category(ies)*	Survey
Project name	I-10 (LA 30 to LA22)		Firm responsibility (prime or sub?)	Sub
Project number	H.007855.5	Owner's name	LADOTD	
Project location	Ascension Parish, LA		Owner's Project Manager	Mark Chenevert
Owner's address, phone, email	1201 Capitol Access Road, Room 405-E, Baton Rouge, LA 70802-4438, 225-379-1591, mark.chenevert@la.gov			
Services commenced by this firm (mm/yy)	10/12	Total consultant contract cost (\$1,000's)		\$209
Services completed by this firm (mm/yy)	12/13	Cost of consultant services provided by this firm (\$1,000's)		\$209

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

GOTECH conducted the topographic, elevation and utility survey for the 5-mile-long I-10 corridor between LA Hwy 73 and LA Hwy 22 in Ascension Parish. The project involved the widening of I-10 from a 4-lane freeway section to a 6-lane freeway section. GOTECH survey personnel tied into control points provided by the Louisiana DOTD and used the horizontal and vertical data as the basis for the survey. GOTECH surveyed the right-of-way limits so that the existing centerline could be established. Cross sections were surveyed at 100-foot intervals from 65' inside the inner shoulder to 50' beyond the other shoulder on both the eastbound and west bound travel lanes. GOTECH also surveyed utility line markings and test holes for items such as water lines, gas lines, electrical lines, pipelines and fiber optic lines. Information was also obtained in the field for bridges such as project stationing for bent centerlines, joint openings, elevations of slab corners, elevations of bent tops, piling size and location, column size and bridge geometry. Additionally, all topographic features in the project area were surveyed. GOTECH was the Subconsultant to Sigma Consulting Group, Inc.

Personnel worked on this project and used in this proposal

Rhaoul Guillaume, Sr. P.E.
Bruce Dyson, P.E., P.L.S.
Rob Price, P.L.S.
Raymond Belmer

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

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	GOTECH, Inc.		Past Performance Evaluation Category(ies)*	Survey
Project name	LA Hwy 431 at LA Hwy 934 Intersection Improvements		Firm responsibility (prime or sub?)	Sub
Project number	H..007855.5	Owner's name	LADOTD	
Project location	Ascension Parish, LA		Owner's Project Manager	Mark Chenevert
Owner's address, phone, email	1201 Capitol Access Road, Room 405-E, Baton Rouge, LA 70802-4438, 225-379-1591, mark.chenevert@la.gov			
Services commenced by this firm (mm/yy)	02/14	Total consultant contract cost (\$1,000's)		\$105
Services completed by this firm (mm/yy)	11/16	Cost of consultant services provided by this firm (\$1,000's)		\$105

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

Working as a Subconsultant to Meyer Engineers, Ltd., GOTECH provided topographic surveying and mapping services for the Hwy 431 / 934 Intersection Improvements project. The work was located in Ascension Parish on what are currently two-lane highways with narrow shoulders and adjacent open ditch drainage. GOTECH field crews obtained field data in a format that was used to in MicroStation CADD drawings with Inroads software. GOTECH also mapped the data in an AutoCAD version for the designers to use. The topographic map showed existing features as pavement, ditches, culverts, lighting, signs, utility poles, traffic controls, driveways, and other utilities. GOTECH also developed an existing drainage map for the project. The watershed covered approximately 25 acres of contributing drainage area.

Personnel worked on this project and used in this proposal

Rhaoul Guillaume, Sr. P.E.

Bruce Dyson, P.E., P.L.S.

Rob Price, P.L.S.

Raymond Belmer

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

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	YKH Consulting, LLC			Past Performance Evaluation Discipline(s)*	Bridge	
Project name	St. Mary Parish Swing Bridge Repairs				Firm responsibility (prime or sub?)	Sub
Project number			Owner's name	St. Mary Parish		
Project location	St. Mary Parish, Louisiana		Owner's Project Manager		Subconsultant to:	
Owner's address, phone, email		Jon Fourrier, Principal, (225) 677-7950, jon@fdaengineers.com				
Services commenced by this firm (mm/yy)			08/21	Total consultant contract cost (\$1,000's)		\$180
Services completed by this firm (mm/yy)			01/22	Cost of consultant services provided by this firm (\$1,000's)		NA

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

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

YKH Consulting provided inspection and design services for **\$1 million** repairs to Sorrel, Katy, Chatsworth, Centerville, Rizzo, and Jennings bridges under St Mary Parish **Swing Bridge Repairs** contract. Project included navigational horn modernization, traffic signal repair, traffic gate repair, navigational light replacement, junction box replacement, control panel upgrades, limit switch replacement, and switchgear troubleshooting.

Firm members working/will work on this project and used in this proposal:

Chad Hadaway, P.E.
Perry Hogan, P.E.

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

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	Modjeski and Masters, Inc.		Past Performance Evaluation Discipline(s)*		Bridge	
Project name	Niantic River Bridge Construction Support				Firm responsibility (prime or sub?)	Sub
Project number	44-154 18DOT0003AB	Owner's name	Connecticut Department of Transportation			
Project location	East Lyme, Connecticut			Owner's Project Manager	MBI – Peter Wu	
Owner's address, phone, email		56 Exchange Terrance, Suite 400, Providence, RI 02903, (401) 824-3600, Yihui.wu@mbakerintl.com				
Services commenced by this firm (mm/yy)		12/19	Total consultant contract cost (\$1,000's)			N/A
Services completed by this firm (mm/yy)		02/22	Cost of consultant services provided by this firm (\$1,000's)			\$300

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

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

The Niantic drawbridge is a double- leaf trunnion bascule bridge built in 1989. M&M has provided inspection and monitoring of this asset for over 2 decades. When it came time for its first major rehabilitation CTDOT called on MM to provide their experienced design team on the project. The project involves complete overhaul of the control house, upgrades to the mechanical, electrical, and hydraulic systems, and a full superstructure painting. The approach deck overlay was replaced as well.



For this project, Modjeski and Masters performed Mechanical and Electrical visual inspections of the bridge machinery and performed system performance testing of the bridge hydraulic system. Based on the inspection, M&M developed the Mechanical and Electrical sections of an overall Report of Findings with recommended repair items and budgetary costs. The report was be used by CTDOT to scope the necessary rehabilitation repairs to ensure the bridge can continue to operate reliably. M&M monitored all aspects of the mechanical and electrical construction activities including submittal and RFIs review, site inspection, and functional and final testing.

Personnel Involved: **Robert Peters, P.E.**

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

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	Modjeski and Masters, Inc.		Past Performance Evaluation Discipline(s)*	Bridge
Project name	4th Street Bridge Rehabilitation			Firm responsibility (prime or sub?)
Project number	H.010882	Owner's name	Louisiana Dept. of Transportation and Development	
Project location	Harvey, Louisiana		Owner's Project Manager	Zheng Zheng Fu, PE
Owner's address, phone, email	1201 Capital Access Road, Baton Rouge, LA 70802 (225) 379-1321, Zhengzheng.fu@la.gov			
Services commenced by this firm (mm/yy)	2013	Total consultant contract cost (\$1,000's)		\$1,031
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$861

The 4th Street Bridge is located on LA 18 in Jefferson Parish on the west bank side of the Mississippi River. It carries two vehicular lanes across the Harvey Canal approximately 1000 feet south of a lock connecting the canal with the Mississippi River. From abutment to abutment the 4th Street Bridge is approximately 215 feet long consisting of concrete approach slabs, steel girder spans, and the movable lift span. The main span of the 4th Street Bridge consists of two rolling bascule lift spans, each approximately 50 feet long and consisting of two main girders. The movable span's deck is an open grid deck supported on stringers and floor beams.

Tasks Performed

- Evaluation and Inspection of the conditions of structural, mechanical, electrical, and architectural components of this bridge.
- Evaluation of the fender system and recommendations.
- Evaluation of existing paint system and recommendations.
- Development of Scope of Services for the rehabilitation of this bridge.
- Development of preliminary and final plans for structural, mechanical, electrical and architectural rehabilitation of the bridge
- Construction Related Engineering Support Services

Personnel Involved: **Alexander Waardenburg, PE**



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.

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

1. Project Understanding

The **Harvey Tunnel** is located in Jefferson Parish, approximately 1-mile south of the Mississippi River. The Harvey Tunnel is a twin tube, bi-directional, dual-lane vehicular and pedestrian tunnel beneath the Harvey Canal. The tunnel was opened to traffic in 1957. The Harvey Tunnel is approximately 1,080-feet long and is a reinforced concrete structure that was cast in place within temporary cofferdams constructed across the canal. The tunnel is divided into two tubes by a reinforced concrete center wall. Each tube includes two lanes of traffic in one direction, one ventilation air duct, and one pedestrian walkway. The crown and walls of both tubes are finished with **reflective tiles**. There are two ventilation buildings on either side of the canal banks. The **ventilation fans** in each ventilation building are connected to air ducts that span the full length of each tube to supply **fresh air to the roadway level**. The ventilation buildings house the two main **switchgears supplying power** for the tunnel fans, pumps, lighting and all other auxiliary systems. The tunnel drainage system includes four **primary pump rooms**, one at each portal and two at the mid-point of the tunnel.

Contract No. 4400024438 project involves providing **CE&I services** for the **rehabilitation of the Harvey Canal Tunnel and its approaches along US 90 Z** including but not limited to new tile lining for crown and walls, drainage pumps, ventilation system, tunnel roadway and the approach roadways.

ECM Team is the best-in-class for providing **CE&I services** for construction of this important project for LA DOTD. We have included , **Huval & Associates, Inc (HUVAL)**, and **Modjeski and Masters, Inc. (M&M)** , both are local engineering firm that has vast knowledge and expertise in tunnel rehabilitation as well as movable bridge construction, who will assist in inspection of mechanical elements and electrical elements of the tunnel respectively, and **three DBE firms: 1) YKH Consulting, LLC (DBE)**, local firm will provide support for inspection of electrical elements of tunnel. They have significant experience in electrical inspection of and various types of movable bridges, **2) GOTECH** for verification surveying and **3) APS Engineering and Testing** for construction materials testing and acceptance.

ECM Team members understand the unique nature and complexity of this project involving traffic issues, detour plans for the local traffic, confined space construction, construction in marine environment, and most importantly this is a very specialized type of construction requiring expertise in civil, structural, mechanical and electrical engineering fields to provide required CE&I services. **ECM Team has this experience.** Communication and timely dissemination of information to the Public and Hurricane evacuation plans will be very importance in this area of the state. Accurate and timely flow of information between the project team, the contractor and DOTD will aid the contractor in completion of the project on time and on budget. The ECM Team is experienced to utilize all the current DOTD software such as **Site Manager, Headlight, LAPAVE, SiteManager Materials and ProjectWise** etc. This experienced team can categorize issues, respond to those issues in the field which can be handled and understands the issues that should be elevated. The experienced ECM staff, known to the LADOTD that **can react quickly to those construction challenges** that may be encountered during this project 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 our performance on pervious projects for the DOTD on other C E & I 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 exceeding industry best practices and to the satisfaction of DOTD.

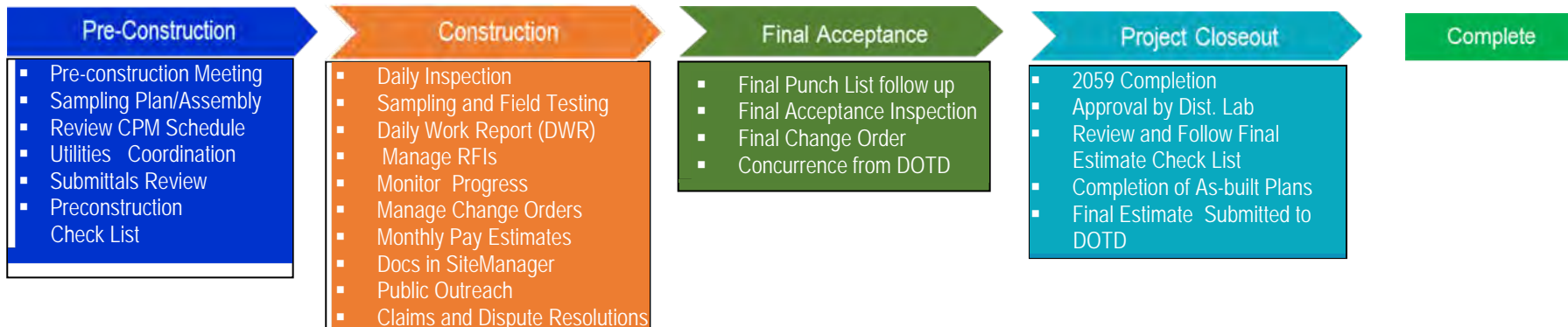
The ECM Team's construction administration and construction engineering and inspection (**CE&I**) services approach places highly qualified and knowledgeable personnel on the project site with support from office engineering/technical staff. The key management tool used to successfully accomplish the work will be a plan comprised of elements such as the Project Management and Execution Plan, Cost and Schedule Controls, Partnering essentials such as Communication, Coordination, Cooperation (3Cs) between all parties, Reporting Processes,

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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 the project is completed on time and within budget meeting the expectations of LADOTD.

2.1 Construction Engineering and Inspection (CE&I)

The ECM team offers staff which has extensive broad experience with DOTD construction engineering and inspection procedures on tunnels, both fixed and movable bridges, elevated highways and on grade highways construction projects, as is shown in our project description and the resumes of our staff. Because our staff is already trained and experienced on **Site Manager, Headlight, and LAPAVE** applications now being used by DOTD, the team has an **enhanced ability** to provide updates on the progression of the project. 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 highly experienced Project Manager, Project Engineers, Lead Inspectors, 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 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 CPM 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 contractor for resolution. While construction survey is normally performed by the contractor, ECM Team will **verification** survey through our subconsultant, GOTECH. Our Project Engineer will coordinate with DOTD Project 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 above. Below is a brief overview of how some of the major tasks that 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, Jefferson Parish Representatives, Mayor or his designee of city of Laffite and ECM's assigned Assistant Project engineers, Lead Inspector, and LADOTD certified Inspectors. ECM's Project Engineer will be responsible to take notes, prepare and distribute 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 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 Engineering and Testing, LLC. will perform field testing and perform 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

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

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 required traffic control logs on a daily basis.

2.1.4 Monitor Progress

Adherence to schedule is critical to the project success. This is a high-profile project with many stakeholders that can draw significant media attention and elected official scrutiny. Our Project Engineer will monitor progress compared to the contractor's baseline CPM 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 CPM 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 prepare and issue, in consultation with DOTD, **Non-Conformance Report (NCR)** to the contractor every time any deficiencies, deviations, non-standard and non-conforming work is performed by the contractor **and not rectified even after notification by ECM staff**. ECM will send NCRs to 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 including all stakeholders, the Jefferson Parish, the Coast Guard, the 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 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 progress 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 inside the tunnel** for taking high resolution **construction progress photographs** as well from any desired height up to 200 ft and can be sent 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 DOTD data base. 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 this construction project:

Partnering: Partnering in the present-day construction industry is of paramount importance for the success of a project. Our team understands this and has participated in partnering sessions for many projects, both formal and informal. Communication, Coordination and Cooperation (3C's) is the mantra for partnering and project success. ECM's Project Manager Mr. Gary Gisclair, PE with support from other assigned Project Engineer (s). will take the lead in preparing for partnering meetings, maintain minutes of such meetings and follow up for resolution of action items.

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

They are familiar with and understand DOTD's construction processes and expectation. The ECM team will make sure that **sincere partnering efforts are maintained** by the contractor and other project stakeholders throughout the project duration.

Dispute Resolution: It is prudent to **take 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 proactive approach to resolve potential change orders/ claims **before they occur**.

Staffing Plan: Based on our past experience, we estimate the staffing requirements for this project will be: **One Project Manager, one Project Engineer; Structural Concrete Inspectors, Mechanical and Electrical inspectors/engineers** experienced in tunnel and/or movable bridge construction. Embankment and Base Course Inspectors; **PCC Paving Inspectors** and Asphalt Paving Inspector will be **used on as needed basis**. We will use only required certified inspector(s) depending on type of construction. The ECM will submit a work hour proposal within 30 days following the notification of selection as required by the advertisement. We will download project plans, the construction contract and project schedule etc. from ProjectWise if available, 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 LA DOTD. Since this is estimated to be **805 days (2.2-year) construction** project, for continuity, we will have one experienced Project Engineer who will work occasionally and during critical construction phases with the PE as shadow, so that he/she can manage the project in the absence of the project Engineer. Additionally, all our management personnel will be actively involved in the 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.


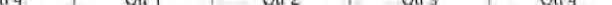


DOTD Liaison: Our experience working on DOTD construction projects has taught us that communication with all parties is the most important part of making a project successful. We know that the DOTD Project Coordinator has dealt with similar projects and understands that there will be issues during construction.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

Materials Testing and Acceptance Our assigned Engineer, **Ms. Kim Garlington, PE** has extensive experience in materials testing and acceptance. She will oversee all activities of our subconsultant and coordinate with the District laboratories relative to test results and acceptance. She worked for LADOTD for 35 years and served as the District 08 Construction Coordinator and **Laboratory Engineer** for over 5 years. Ms. Garlington attended all preconstruction meetings for District 08, provided sampling plans and documentation of IA 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. interacted with PE's and Area Engineers to **resolve issues regarding failing materials** and their use or removal on the projects. She implemented the Department's **Site Manager Materials software** for quality assurance on several projects. She will be an asset for this complex project requiring many special types of construction materials in addition to the standard construction materials.

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 assure 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 Manager will be responsible for implementing the process, monitoring performance of field personnel, and monitoring progress, schedule, and cost.

3. Project Schedule

The below basic Schedule is based on the assumptions that duration for: 1) Assembly: **120 days**, 2) Construction: **505 days**, 3) Final acceptance: **90 days**, and 4) Close out :**90 days**. **Total project duration: 805 days**. Start date: March 1, 2023, End Date: April 13, 2025. Final CE&I schedule, and subsequent updates will follow contractor's CPM master schedule.

ID	Task Name	Start	Finish	2023				2024				2025	
				Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	
1	Pre-Construction/Assembly	Wed 3/1/23	Fri 6/30/23										
2	Construction time	Sat 7/1/23	Sat 11/9/24										
3	Final Acceptance	Sun 11/10/24	Sat 1/11/25										
4	Project Closeout	Wed 2/12/25	Sun 4/13/25										

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. 5. Capability to provide quality service with experience in tunnel, movable and fixed bridges and highway pavements projects similar to this projects. 6. "Can do team" poised to accept challenges that may be encountered during construction; and 7. 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	Work type(s)*	State project number	Project name and location	Remaining unpaid balance**
ECM	CE&I/OV	H.011767.6-1	Retainer Contract for Construction Engineering Management & Staff Augmentation Services for District 61, West Feliciana, East Feliciana, Pointe Coupee, West Baton Rouge, East Baton Rouge, Iberville, Ascension, St. James & Assumption Parishes <i>(Bayou Crab Road Bridge Assumption Parish)</i>	\$21,022
ECM	CE&I/OV	H.013579.6	Retainer Contract for Construction Engineering Management & Staff Augmentation Services for District 61, West Feliciana, East Feliciana, Pointe Coupee, West Baton Rouge, East Baton Rouge, Iberville, Ascension, St. James & Assumption Parishes <i>(DOTD I-10 Pecue Lane I-10 Interchange Phase II)</i>	\$3,792
ECM	CE&I/OV	H.013114.6	Retainer Contract for Construction Engineering Management & Staff Augmentation Services for District 61, West Feliciana, East Feliciana, Pointe Coupee, West Baton Rouge, East Baton Rouge, Iberville, Ascension, St. James & Assumption Parishes <i>(Southern University Erosion Road Improvements)</i>	\$51,029
ECM	Other/CQCM	H.003370	I-220/I-20 Interchange Imp & Barksdale Airforce Base (BAFB) Access Road. Design-Build Project. Bossier Parish, LA	\$367,519
ECM	Other/CQCM	H.0044791	Belle Chasse Bridge & Tunnel Replacement Public-Private Partnership Project	\$2,874,902
ECM	CE&I/OV	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>	\$25,925

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

ECM	CE&I/OV	H.011949.6	IDIQ CE&I for Safety Projects Statewide with Majority of Work in District 03, 07, and 08 (RWD Signing Plaquemines Parish Local Road Safety Program)	\$99,300
ECM	CE&I/OV	H.012682.6	IDIQ CE&I for Safety Projects Statewide with Majority of Work in District 03, 07, and 08 (Pedestrian Crosswalk Enh [NO PH2])	\$348,935
ECM	CE&I/OV	H.006528.6	IDIQ CE&I for Safety Projects Statewide with Majority of Work in District 03, 07, and 08 (Fenton Elementary Sidewalks)	\$15,277
ECM	CE&I/OV	H.007233.6	IDIQ CE&I Inspection Services Statewide with Majority of Work in District 03 (Lafayette MPO Non-State Pavement Marking Lafayette Parish)	\$120,515
ECM	CE&I/OV	H.0123936	IDIQ CE&I Inspection Services Statewide with Majority of Work in District 03 (LA 98 Roundabout at Mills St. Route LA 98)	\$420,904
ECM	CE&I/OV	H.018767.6	IDIQ CE&I Inspection Services Statewide with Majority of Work in District 03 (Jude & Placid Road Bridges, Vermillion Parish)	\$331,421
ECM	CE&I/OV	4400020842 Task Order 1	IDIQ Contract for Engineering & Inspection of State Regulated Dams with Majority of work in District 03, 07, 61, & 61 Statewide	\$22,673
ECM	CE&I/OV	4400020842 Task Order 2	IDIQ Contract for Engineering & Inspection of State Regulated Dams with Majority of work in District 03, 07, 61, & 61 Statewide	\$21
ECM	CE&I/OV	H.008145.6	LA1 Leeville to Golden Meadow	\$9,537,671
A P S	GEOTECH	H.013127	Retainer Contract for Geotechnical Services	\$53,996.00
A P S	GEOTECH	H.013144	Retainer Contract for Geotechnical Services	\$45,457.00
GOTECH, Inc. (Subconsultant to Volkert, Inc.)	CE&I/OV	Contract No. 4400004631; Task Order No. H.003107.6 *Task Order No. 1 *Task Order No. 2	Retainer Contract for Construction Engineering Management and Staff Augmentation Services for District 62 (St. Helena, Livingston, St. John, Tangipahoa, Washington & St. Tammany Parishes)	\$0 \$171,520
GOTECH, Inc. (Subconsultant to GEC, Inc.)	CE&I/OV	Contract No. 4400017006; Task Order No. H.011670	I-10 / Loyola Interchange Improvements (Jefferson Parish)	\$420,045

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

GOTECH, Inc. (Subconsultant to Hardesty & Hanover, LLC)	CE&I/OV	Contract No. 4400017430; Task Order No. H.001498.6	LA 24 & 316: Company Canal Bridge CE&I (Terrebonne Parish)	\$304,467
GOTECH, Inc. (Subconsultant to WSP)	Planning	Contract No. 4400017327	IDIQ Innovative Procurement & Alternative Delivery Support Services, Statewide	\$74,052
GOTECH, Inc. (Subconsultant to GEC, Inc.)	CE&I/OV	Contract No. 4400019950 Task Order No. H.003003 Task Order No. H.002151	IDIQ Contracts for Construction Engineering & Inspection Services, Statewide w/Majority of Work in District 03 (Acadia, Lafayette, Evangeline, Iberia, St. Landry, St. Martin, St. Mary & Vermilion Parishes)	\$0 \$68,000
GOTECH, Inc. (Subconsultant to R.C. Lambert Consultants, LLC)	CE&I/OV	Contract No. 4400019550 SPN: H.001234	LA 1: Port Allen Canal Bridge Replacement Phase 1 (HBI) (CE&I) Route LA 1 (West Baton Rouge Parish)	\$622,097
GOTECH, Inc. (Subconsultant to GEC, Inc.)	CE&I/OV	Contract No. 4400023074 Task Order No. H.010725 Task Order No. H.012465	IDIQ Contract for Construction, Engineering & Inspection & Staff Augmentation - Pecan Island Rd - District 61 (Hammond)	\$49,916 \$71,460

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

Huval	Bridge	S.P. H.004774.5	Kansas Lane-Garrett Road Connector – Supp #1	\$10,448
Huval	Bridge	S.P. H.009497.6	LA 106: Bayou Bouef - Construction Services	\$18,549
Huval	Bridge	S.P. H.011808.5	LA 10: Company Canal – Construction Services	\$27,355
Huval	Bridge	S.P. H.010000.6-2	US 171 Over Calcasieu River – Construction Services	\$44,931
Huval	Bridge	S.P. H.011485.6	LA 336-1 Bayou Teche Bridge @ Breaux Bridge Construction Services	\$90,701
Huval	Bridge	S.P. H. 012650.6	Bridge Repair District 62 - Construction Services	\$25,337
Huval	Bridge	S.P. H.012451.6	Dist. 04 Bridge Repairs - Construction Services	\$20,456
Huval	Bridge	S.P. H.010006.5	LA 58 Petit Caillou Bridge Réhabilitation	\$1,481
Huval	Bridge	S.P. H.002868.5	Ambassador/BNSF Frontage Road Bridges	\$3,812
Huval	Bridge	S.P. H.003370	I-220/I-20 Interchange IMP & BAFB Access	\$59,206
Huval	Bridge	S.P. H.004791	LA 23: Belle Chasse Bridge and Tunnel (HBI)	\$1,405,823
Huval	Bridge	S.P. H.001352.5	Comite Diversion Bridge at LA 67 – Construction Services	\$182,047
		S.P. H.002273.5	Comite Diversion Bridge at LA 19 & LA 19 Railroad – Const. Services	
Huval	Bridge	S.P. H.004100	I-10 CMAR – Segment 1 Design	\$2,709,991
Huval	Bridge	S.P. H.014560.5	LA 94: Vermillion River Bridge Replacement	\$62,854
Huval	Bridge	S.P. H.014747	Southern University Ravine Project	\$254,919
Huval	Bridge	S.P.H.014052-2	LA 151: I-20 Overpass Deck Replacement	\$35,824
Huval	Bridge	S.P.H.012545.5	LA454: Wiggins Bayou Bridge	\$199,981
Huval	Bridge	S.P.H.014646.5	I-20: US 165 East of Garret Road	\$294,979
Modjeski & Masters		S.P. 700-66-0461 H.005358.5	Bridge Scour Analysis Statewide	
		S.P. 700-66-0486	Engineering Services for Bridge Preservation Retainer 440000668, Statewide	
	Bridge	H.009479	West Larose Vertical Lift Bridge Rehabilitation - Supplement No. 2	\$0
	Bridge	JN 3144	Expert witness services in bridge design, construction, repair and forensic analysis	\$278,707
		Retainer Contract 4400002538	Engineering Services for Bridge Preservation Retainer Statewide	
	Bridge	H.010882.5	LA 18: 4th Street Bridge Rehabilitation (Supplement No. 2) Construction Services Jefferson Parish	\$0
	Bridge	H.010882.6	4th Street Bridge Rehabilitation Paint (Supplement No. 3) Route LA 18	\$4,848
	Other	H.003014.6	I-10: LA 347 to Atchafalaya Fldwy Bridge (Const. Svcs.)	\$15,094
Modjeski & Masters		Retainer Contract 4400005395	Construction Engineering and Inspection with Painting Statewide	
	CE&I/OV	H.011705.6	US 11 Lake Pontchartrain Bridge Rehabilitation - Phase 2	\$0
	CE&I/OV	H.011494.6	US 90 Atchafalaya River Bridge Rehabilitation	\$0

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

		Retainer Contract 4400004921	Complex Bridge Rating (on-system trusses and other complex bridges) Statewide	
	Bridge	H.009859.5	Ten Truss Bridges - Load Rating and Evaluation	\$63,337
	Bridge	H.009859.5	Sunshine Bridge Load Rating after Collision Repair - Task Order 4	\$13,605
	Bridge	H.012485.1	Load Rating of 354 Off-System Bridges - Task Order 6	\$0
	Bridge	H.009859.5	Load Rating of 14 Complex Bridges	\$260,549
		Retainer Contract 4400005774	Retainer Contract for Bridge Preservation Statewide	
	Bridge	H.001234.5	Port Allen Canal Bridge	\$64,231
	Other	H.010601.6	I-10: LA 328 to LA 347 - CRES	\$44,879
	Other	H.011137.5	I-12: LA 1077 to US 10 Roadway and Navigation Lighting	\$35,452
		IDIQ Contract 4400012382	ID/IQ for Bridge Preservation Statewide	
	Bridge	H.011705.6	US 11: Lake Pontchartrain Bridge Rehab Phase 2 (HBI)	\$0
	Bridge	H.012343.6-1	LA 70: Mississippi River Bridge Phase III	\$12,854
	Bridge	H.013179.6	LA 1064: Little Natalbany River Bridge Replacement - Construction Svcs.	\$14,727
	Bridge	H.013183.6	LA 16: Tangipahoa River Bridge Replacement - Construction Svcs.	\$33,963
	Bridge	H.013193.6	US 61: Thompson Creek Bridge - Construction Svcs. Rehabilitation and Replacement	\$804
	Bridge	H.013829.5	I-10 and LA 47: Overhead Sign Upgrade	\$0
	Bridge	Task Order No. 2	LG Bridge Design Example and Parametric Studies	\$74,644
	Bridge	H.012343.6	LA 70: Mississippi River Bridge Phase III - Legal	\$13,703
	Bridge	H.000303.6	Danzinger Bridge Rating and Repair	\$54,259
	Bridge	H.009859.5	Strengthening of US 90 Bridge 201810	\$16,182
Modjeski & Masters	Bridge	H.003144.6-2	Luling Bridge Cable Stay Replacement Project	\$448,203
	Other	H.011235	Subconsultant: I-49 South at Verot School Road - Lighting	\$32,989
		H.004791	Subconsultant: Belle Chasse B7T Replacement P3 - Electrical and Structural	\$52,786
		IDIQ Contract 4400017263	ID/IQ for Bridge Preservation Statewide	
	Bridge	H.010603.6	I-20 Mississippi River Bridge at Vicksburg - Monitoring	\$0
	Other	H.013866.6	I-12: LA 21 to US 190 Navigation Lighting & Roadway Lighting	\$67,664
	Other	H.003184.6	I-10: Texas State Line - E. of Coone Gully - CRES	\$58,531
	Bridge	H.011485.6	LA336-1: Bayou Teche Bridge Rehabilitation	\$118,284
	Other	H.012889.5	I-20 Rehabilitation - Roadway Lighting (Pines Road to I-220)	\$98,626
	Bridge	H.000263.5	Chef Menteur Pass Bridge & Approach	\$27,466
	Bridge	H.011965.5	LA 47: IWGO Bridge Rehabilitation (HBI) LA 47: Over the Intercoastal Waterway Gulf Outlet (IWGO)	\$15

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

Modjeski & Masters	Bridge	H.009859.5	Prien Lake Bridge Structural Rating	\$18,259
	Bridge	H.004420.5	Barataria Preliminary Fender Design	\$2,120
	Bridge	H.014280.5	Bayou Ramos Bridge Girder Study	\$42,867
	Bridge	H.014673.5	I-49 US 165 Debonded PPC Girder Rehab	\$17,495
	Bridge	H.014587	LA 302: Kerner Ferry Bridge Repairs PH 2 - Constr Support	\$71,145
	Bridge	H.013946.6	Sunshine Bridge Fender Construction - 2021	\$66,166
	Bridge	H.009859.5-2	Load Rating of two existing bridges	\$152,416
	Bridge	H.004420.5	Bayou Barataria Bridge at Jean Lafitte - Supp 1	\$681
	Bridge	H.014406.6	Houma Navigation Canal Swing Bridge - Electrical Repair CRED	\$25,271
	Bridge	H.014673.5-2	NSFRP Specification Review	\$1,336
	Bridge	H.004100	Subconsultant: LA 415 to Essen Lane on I-10 and I-12 CMAR RCP Plans	\$1,473,138
	Bridge	H.001234.6	LA 1: Port Allen Canal Bridge Replacement - Phase 1 CRES	\$152,624
Modjeski & Masters		IDIQ Contract 4400020063	ID/IQ for Electrical Services Statewide	
	Bridge	H.014212.6	I-10 Atchafalaya Bridge Navigational Lights Repl	\$63,766
YKMH Consulting, LLC				N/A

(Add rows as needed)

DO NOT SUM

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

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

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

20. Certifications/Licenses:

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

4/11/22, 2:51 PM

Print Lookup Details

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

Name:	Public Address:
ECM Consultants, Inc.	Mr. Ujjal DasGupta1301 Clearview Parkway, Suite 200 Metairie, Louisiana 70001

License/Certificate Information w/ Supervision

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

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

Certifications:

Ujjal DasGupta, P.E.



Certifications: Gary Gisclair P.E.



State of Louisiana - LaGov System Training Transcript AS OF 12/02/2021 to 12/02/2021 Employee Name: GISCLAIR, GARY

Qualification Name Provider	Date	Expires On Additional Comments	P/F
DOTD LP Personal Protection Equipment	07/15/2008	12/31/9999	
DOTD LP Safety Supervisors-Safety Coor	06/13/2002	12/31/9999	
DOTD MD CPTP Customer or Quality Service	06/24/2012	12/31/9999	
DOTD MD CPTP Developing Eff Teams Part 1	08/22/2000	12/31/9999	
DOTD MD Facilitation Skills for Managers	02/29/2012	12/31/9999	
DOTD MD Leader Development Foundations	10/17/2012	12/31/9999	
DOTD MD Leader Emotional Intelligence	04/06/2016	12/31/9999	
DOTD MD Leader Organizational Culture	04/27/2016	12/31/9999	
DOTD MTN PM VTP Dist Process Refresh2021	02/01/2021	12/31/9999	
DOTD MTN PM VTP Notification Processor	01/26/2021	12/31/9999	
DOTD MTN ROADEO Safety Training 2018	04/19/2018	12/31/9999	
DOTD MTN ROADEO Safety Training 2019	04/16/2019	12/31/9999	
DOTD MTN ROADEO Safety Training 2020	03/17/2020	04/16/2020	
DOTD NHI Access Mgmt Location/Design	07/27/2017	12/31/9999	
DOTD NHI Access Mgmt Location/Design	01/08/2015	07/26/2017	
DOTD NHI Brdg Inspc Nondestruct Eval Sem	10/07/2015	12/31/9999	
DOTD NHI Bridge Construction Inspection	04/28/2006	12/31/9999	
DOTD NHI Driven Pile Foundation Inspect	02/23/2005	12/31/9999	
DOTD NHI Federal-Aid Hwys 101 (State)	04/13/2017	12/31/9999	
DOTD NHI Managing Hwy Contract Claims	12/13/2012	12/31/9999	
DOTD NHI Modn Rndabout Inters Desgn Sty	04/11/2017	12/31/9999	
DOTD NHI Pavmt Smooth: Use Inertial Prof	01/11/2006	12/31/9999	
DOTD NHI Pedestrian Facility Design	03/16/2016	12/31/9999	
DOTD NHI Principles/Apps Hwy Constr Specs	10/14/2015	12/31/9999	
DOTD NHI Soils and Foundations Workshop	03/26/2015	12/31/9999	
DOTD PC MS Excel 1 - 2010	09/28/1999	12/31/9999	
DOTD PC MS Excel 1 - 2013/2016	10/16/2014	12/31/9999	



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

CONSTRUCTION QUALITY MANAGEMENT FOR CONTRACTORS - #784

New Orleans, Louisiana	20 - 21 APR 2022	New Orleans District - MYN	Lester Narciso
Location	Training Date(s)	Instructional District/NAVFAC	CQM-C Manager
Jaime Wright		(504) 862-2415	WRIGHT, JAMIE LORCH J.
Facilitator/Instructor	Email	Telephone	Facilitator/Instructor Signature
			<i>Jeffrey D. Dziedzic</i>

THIS CERTIFICATE EXPIRES FIVE YEARS FROM DATE OF ISSUE
CQM-C Recertification online course: <https://www.mynln.net>



State of Louisiana - LaGov System Training Transcript AS OF 12/02/2021 to 12/02/2021 Employee Name: GISCLAIR, GARY

Qualification Name Provider	Date	Expires On Additional Comments	P/F	Score
2020 Code of Ethics for Public Servants	11/27/2020	12/31/9999		
CONF BY TC #64137 REC'D 12/01/20 SGM				
CPTP Cert Certified Public Manager	10/27/2000	12/31/9999		
CPTP Cert Supervisory Techniques	02/21/1992	12/31/9999		
CPTP Employee Life Cycle WBT	06/18/2019	12/31/9999		
CPTP PES Basics-WBT	07/15/2012	12/31/9999		
CPTP PES Evaluation Process-WBT	08/23/2012	12/31/9999		
CPTP PES Planning Process-WBT	08/10/2012	12/31/9999		
CPTP Prevent W/P Violence for Super WBT	06/26/2015	12/31/9999		
CPTP Preventing Sexual Harassment 2013	04/26/2013	12/31/9999		
CPTP Preventing Sexual Harassment 2014	02/14/2014	12/31/9999		
CPTP Preventing Sexual Harassment 2015	12/01/2015	12/31/9999		
CPTP Preventing Sexual Harassment 2016	04/13/2016	12/31/9999		
CPTP Preventing Sexual Harassment 2017	06/20/2017	12/31/9999		
CPTP Preventing Sexual Harassment 2018	04/03/2018	12/31/9999		
CPTP SCS Competency Basics WBT	06/18/2019	12/31/9999		
CPTP SCS Cybersecurity Awareness WBT	12/07/2020	12/31/9999		
CPTP SCS Foundations of Coaching	07/23/2019	12/31/9999		
DOTD 2019 CPTP Prevent Sex Harass-Super	07/24/2019	12/31/9999		
DOTD 2019 CPTP Prevent Sex Harassment	06/04/2019	12/31/9999		
DOTD 2020 CPTP Prevent Sex Harass-Super	01/23/2020	12/31/9999		
DOTD 2020 CPTP Prevent Sex Harassment	01/23/2020	12/31/9999		
DOTD ATSSA Traffic Ctrl Supr Refresher	05/09/2019	05/08/2023	80	
DOTD ATSSA Traffic Ctrl Supr initial	09/01/2004	12/31/9999		
DOTD ATSSA Traffic Ctrl Tech initial	07/24/2002	12/31/9999		
DOTD ATSSA Traffic Ctrl Technician	07/24/2002	07/23/2006		
DOTD BP Ethics for Construction Pers	01/26/2012	01/26/2015		



State of Louisiana - LaGov System Training Transcript AS OF 12/02/2021 to 12/02/2021 Employee Name: GISCLAIR, GARY

Qualification Name Provider	Date	Expires On Additional Comments	P/F
DOTD PC MS Excel 2 - 2010	10/30/2002	12/31/9999	
DOTD PC MS Outlook 1 - 2010	01/01/2011	12/31/9999	
DOTD PC MS Outlook 1 - 2013/2016	10/14/2014	12/31/9999	
DOTD PC MS PowerPoint 1 - 2010	06/26/2003	12/31/9999	
DOTD PC MS PowerPoint 1 - 2013/2016	02/26/2015	12/31/9999	
DOTD PC MS Word 1 - 2010	04/06/2000	12/31/9999	
DOTD RS 07 Pavmnt Pres & Road Surface Mg	05/23/2019	12/31/9999	
DOTD STC Embank/Base QA	04/16/2002	12/31/9999	
DOTD STC Pipe Installation Basic	04/08/2003	12/31/9999	
DOTD STL Hazard Material Annual Refresh	07/21/2020	07/20/2021	
DOTD STL Hazard Material Annual Refresh	08/20/2019	07/20/2020	
DOTD STL Hazard Material Full Course	08/12/2019	12/31/9999	
DOTD STP Standard Specifications	05/07/2002	12/31/9999	
DOTD STW Basic Flagging Procedures	10/05/2015	12/31/9999	
DOTD STW Basic Flagging Refresher Course	10/28/2019	10/27/2023	
DOTD STW Basic Flagging Refresher Course	10/05/2015	10/04/2019	
DOTD STW Basic Flagging Refresher Course	09/01/2004	10/04/2015	
DOTD Pavement Management Workshop 2018	02/06/2018	12/31/9999	
IS-100 Introduction to ICS	09/09/2015	12/31/9999	
IS-200 ICS for Single Resources	09/09/2015	12/31/9999	
IS-700 NIMS	09/09/2015	12/31/9999	
IS-800 NRP	09/09/2015	12/31/9999	
LEO Approving a Leave Request	06/29/2011	12/31/9999	
LEO Creating & Canceling a Leave Request	06/29/2011	12/31/9999	
LaGov Core Comp ECC Navi and Reporting	08/10/2012	12/31/9999	
LaGov Introduction to LaGov ERP	08/10/2012	12/31/9999	
LaGov Introduction to SLA Help	08/10/2012	12/31/9999	

ECM

Certifications:

Kazem Alikhani, P.E.



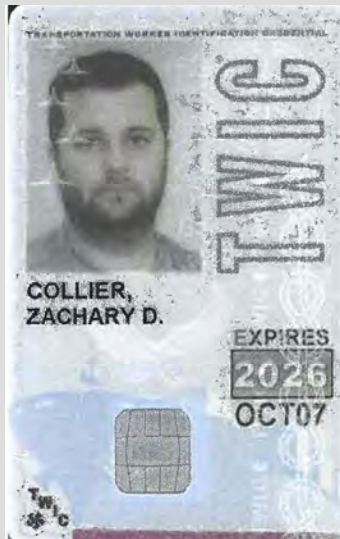
Certifications:
Chad Vosburg, P.E.



Certifications:
Blake Guidry P.E.



Certifications: Zachary Collier, P.E.



Certifications:
Kim Garlington P.E.



Certifications:
Sergio Aviles P.E.



LOUISIANA ASSOCIATED GENERAL CONTRACTORS, INC.

666 North Street – Baton Rouge, LA 70802
Phone: 225/344-0432 * Fax: 225/344-0458
www.lagc.org

January 7, 2019

To Whom It May Concern,

This is to verify that the below listed employee of APS Engineering & Testing has completed LADOTD required ATSSA traffic control training. We are currently awaiting the results of his exam.

LA Specific Traffic Control Supervisor Refresher – December 7, 2018 – Sergio Aviles

If there are any questions regarding this issue, please contact Mr. Barry Lacy, P.E. of LADOTD at Headquarters in Baton Rouge, LA (225-379-1584) or Michael Demouy at the above captioned address.

Best Regards,

Michael Demouy – LAGC Manager

*The American Traffic Safety
Services Association*

Hereby recognizes that

William Hupperich
has attended

Traffic Control Supervisor Refresher-LA State Specific

09/28/2018 to 09/28/2018

Date

Lafayette, LA

Location

Training Course



SAFER ROADS SAVE LIVES

Jessica Shingleton

Training & Products Dept. Director

Ryan A. Wentz

President, CEO

Certifications: Kim Martinez



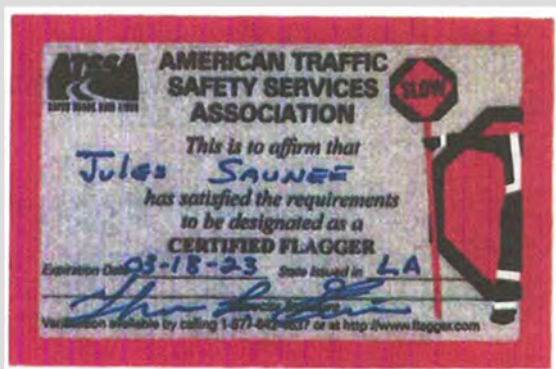
ECM

Certifications: Emilio Rodriguez

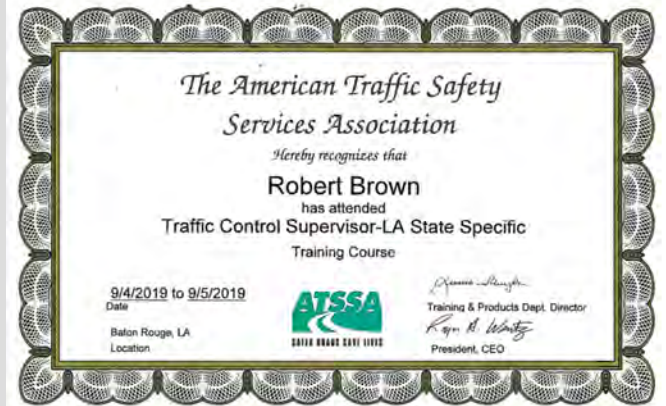
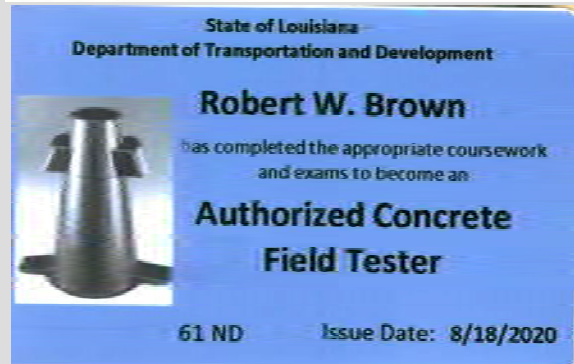
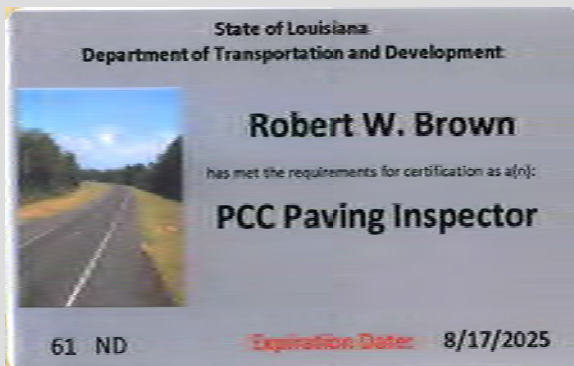


ECM

Certifications: Jules Saunee

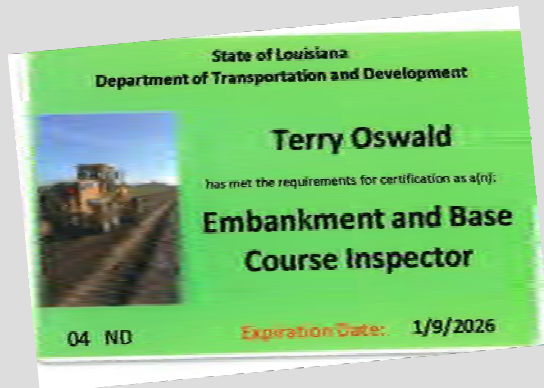


Certifications: Robert Brown

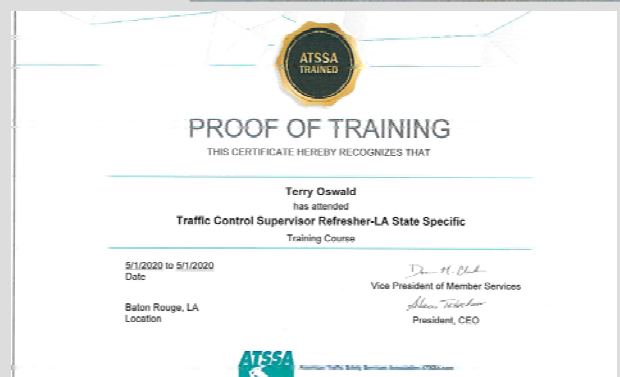


ECM

Certifications: Terry Oswald

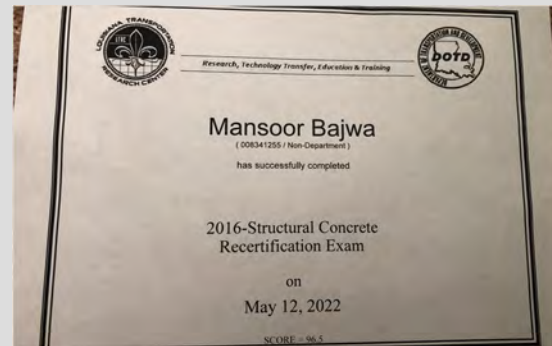


State of Louisiana - LaGov System Training Transcript AS OF 01/15/2016 to 01/15/2016 Employee Name: OSWALD, TERRY				
Qualification Name Provider	Date	Expires On Additional Comments	P/F	
DOTD STV Surveying Linear	02/04/1988	12/31/9999		
DOTD STV Surveyor Mathematics	03/03/1989	12/31/9999		
DOTD STV Transits-Theodolites-Total Stat	08/04/2013	12/31/9999		
DOTD STW Basic Flagging Procedures	08/25/2004	12/31/9999		
DOTD STW Basic Flagging Refresher Course	12/04/2015	12/03/2019		
DOTD STW Basic Flagging Refresher Course	08/25/2004	12/03/2015		
DOTD STW One Step from Death	12/08/1982	12/31/9999		
DOTD STW Safety Made Simple: The ABCs...	12/08/1982	12/31/9999		
DOTD STX Asph Conc Pave Insp Exam	10/15/1991	12/31/9999		
DOTD STX Asph Conc Pave Insp Exam Recert	11/10/2015	11/09/2020		
DOTD STX Asph Conc Pave Insp Exam Recert	02/01/2011	11/09/2015		
DOTD STX Asph Conc Pave Insp Exam Recert	11/26/1991	12/31/9999		
DOTD STX Asph Conc Pave Insp Perf Eval	01/07/2005	12/31/9999		
DOTD STX Asph Conc PI Insp Exam	02/07/1997	12/31/9999		
DOTD STX Emb/Base Insp Exam	11/10/2015	11/09/2020		
DOTD STX Emb/Base Insp Exam Recert	01/11/2011	11/09/2015		
DOTD STX Emb/Base Insp Exam Recert	08/27/1997	12/31/9999		
DOTD STX PCC Pave Insp Exam	10/30/1987	12/31/9999		
DOTD STX PCC Pave Insp Exam Recert	11/10/2015	11/09/2020		
DOTD STX PCC Pave Insp Exam Recert	02/01/2011	11/09/2015		
DOTD STX PCC Pave Insp Perf Eval	03/21/1988	12/31/9999		
DOTD STX Struc Conc Insp Exam	01/03/1987	12/31/9999		
DOTD STX Struc Conc Insp Exam Recert	11/10/2015	12/31/9999		
DOTD STX Struc Conc Insp Exam Recert	01/11/2011	11/09/2015		
DOTD STX Struc Conc Insp Perf Eval	03/27/1987	12/31/9999		
DOTD-CERT Asph Conc Paving Inspection	02/01/2011	01/03/2016		
DOTD-CERT Embank/Base Course Inspection	01/11/2016	01/10/2021		



ECM

Certifications: Mansoor Bajwa, E.I.

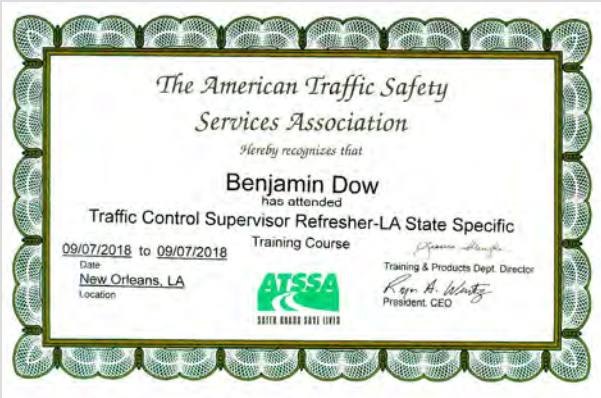


ECM

Certifications: Mark Sanchez

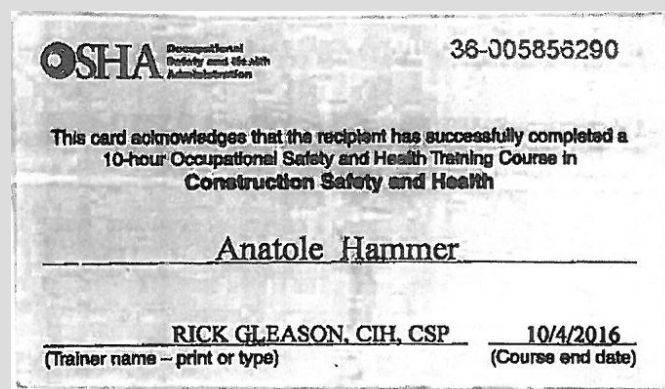


Certifications: Benjamin Dow



ECM

Certifications:
Anatole Hammer



ECM



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Robert Price

has attended

Traffic Control Technician-LA State Specific

Training Course

6/21/2022 to 6/21/2026
Training Valid Through

Baton Rouge, LA
Location

A handwritten signature in black ink, appearing to read "R. Smith".

Director of Training

A handwritten signature in black ink, appearing to read "Alex Testa".

President, CEO

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



American Traffic Safety Services Association ATSSA.com



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Robert Price


has attended


Traffic Control Supervisor-LA State Specific

Training Course

6/22/2022 to 6/22/2026
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



Dear Certified Flagger:

Enclosed, please find your card signifying you as an ATSSA Certified Flagger. This card should be carried and presented to employers while performing work on our nation's roadways. Please be aware that the card is not valid without a Photo I.D.

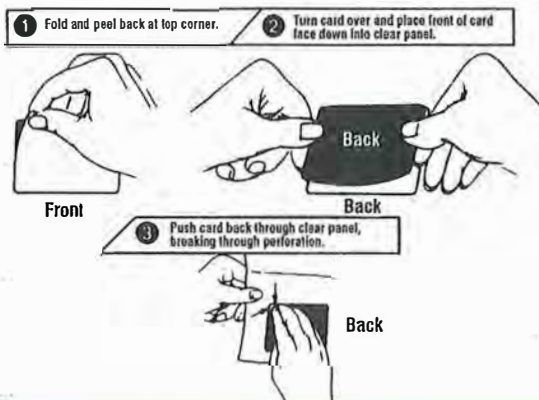
We commend you on your decision to become an ATSSA Certified Flagger. This distinction reflects that you have been trained by the leader in roadway safety and also entitles you to be listed on our National Flagger Database. Please review your state requirements for expiration of your flagger card. Also, please inform us of any errors or changes in your name or address so we may keep our records up to date.

Once again, ATSSA thanks you for your dedication to ensuring that our work zones are safe and that lives will be saved with proper training. Please visit our website at www.atssa.com for additional training courses and work zone safety products.

Sincerely,

Director of Training

Laminating the front of your card with Dual Laminate:



 American Traffic Safety Services Association	
This is to affirm that	
ROBERT PRICE	
has satisfied the requirements to be designated as a	
CERTIFIED FLAGGER	
Issue Date	8/12/2022
Exp. Date	8/12/2026
State Issued	LA
Instructor Name: Debbie Purcella	
Instructor Signature: 	
Verify at Flagger.com	

The American Traffic Safety Services Association

Hereby recognizes that

John Biggs

has attended

**Traffic Control Supervisor-LA State Specific
Training Course**

2/6/2019 to 2/7/2019

Date

Baton Rouge, LA



Jessica Schlegel

Training & Products Dept. Director

Ryan A. Wentz

President, CEO

The American Traffic Safety Services Association

Hereby recognizes that

John Biggs

has attended

**Traffic Control Technician-LA State Specific
Training Course**

2/5/2019 to 2/5/2019

Date

Baton Rouge, LA

Location



Jessica Schlegel

Training & Products Dept. Director

Ryan A. Wentz

President, CEO



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



Office of the Secretary
PO Box 94245 | Baton Rouge, LA 70804-9245
PH: 225-379-1200 | FX: 225-379-1851

John Bel Edwards, Governor
Shawn D. Wilson, Ph.D., Secretary

June 29, 2022

GOTECH, Inc.

Attn: Rhaoul A. Guillaume, Sr. P.E.
8383 Bluebonnet Blvd.
Baton Rouge, LA 70810

Dear Rhaoul A. Guillaume, Sr. P.E.,

The Louisiana Department of Transportation and Development (LADOTD) Compliance Programs Section has received your firm's Disadvantaged Business Enterprise (DBE) and Small Business Element (SBE) annual affidavit. Based on the information, which you provided, it has been confirmed that your firm continues to meet the eligibility requirements of our program and remains certified for only the following specific work categories that fall under the listed NAICS codes:

NC541330-Engineering Services

C09-Civil Engineering

NC541340-Drafting Services

C03-Drafting

NC541370-Surveying and Mapping (except Geophysical) Services

C06-Land Surveying

NC541618-Other Management Consulting Services

C74-Construction Management

C21-Construction Inspections

C11-Planning

Please note that per the federal regulations, suppliers only receive 60% goal credit towards the materials they provide. Also, note that any contractor performing work in excess of \$50,000 with the exception of electrical, mechanical and plumbing requires A Louisiana Contractor's License, which are required to have a license if work is in excess of \$10,000. You may contact the State Licensing Board for Contractors at (225) 765-2301 for more information. All participants of the Louisiana Unified Certification Program will recognize your firm's certification. This includes all entities receiving federal transportation funding within the boundaries of our state.

You will be required to submit an annual affidavit with all supporting documents (**Business taxes with all attachments, such as 1098, 1099, K-1's and/or W-2's**) stating your firm continues to meet the eligibility requirements of the program. An email informing you to submit the necessary documentation will be forwarded to you approximately six (6) weeks prior to your anniversary date of **June 30, 2023**. However, should you not receive notification from this office for your annual affidavit, it is your responsibility to contact us. Additionally, you must notify our office immediately regarding any changes, which affect the social and economic disadvantage, size, ownership or control of your firm.

GOTECH, Inc.

June 29, 2022

Page 2

The LADOTD has contracted SJB Group, LLC to provide DBE Supportive Services to all certified DBEs, in the LAUCP, at no cost to you. This consultant can offer your firm assistance and guidance on areas such as marketing, estimating, bidding, financial preparations, etc. Contact Jackie des Bordes or Kenyatta Sparks with the SJB Group, LLC at (225) 769-3400 for any assistance needed to grow your organization.

The Louisiana UCP certifying entity reserves the right to withdraw this certification, if at any time, it is determined that **DBE and SBE** certifications was knowingly obtained by the submission of false, misleading or incorrect data. The Louisiana UCP certifying entity also reserves the right to request additional information and/or conduct an on-site visit at any time during your certification period.

We are pleased to have you as a participant in the LAUCP and wish you much success.

If you have any questions regarding the content of this letter, contact the LADOTD DBE Certification Unit at (225) 379-1382.

Respectfully,



Rhonda Wallace
DBE/SBE Programs Manager

Enclosure (Certificate)



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)

Gotech, Inc.

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

NC541330, NC541340, NC541370, NC541618

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

Certificate Eligibility: June 2022 to June 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



U.S. SMALL BUSINESS ADMINISTRATION
WASHINGTON, D.C. 20416

November 19, 2017

Gene Yenari, CEO
YKM Consulting, LLC
3500 North Causeway Boulevard, Suite 1240
Metairie, Louisiana 70002

Dear Mr. Yenari:

Congratulations! Your firm has been certified as a Participant in the U.S. Small Business Administration's (SBA) 8(a) Business Development Program. Your nine (9) year program term begins on the date of this letter.

During participation in the 8(a) BD Program, you will receive business development assistance from an assigned Business Development Specialist in the SBA Louisiana District Office located at 365 Canal Street, Suite 2820, New Orleans, Louisiana, 70130. The telephone number is 504-589-6685. We are sending a copy of this certification letter to the SBA Louisiana District Office. That office will contact you to schedule an orientation session. This could take up to 4-6 weeks. In the meantime, there are steps you should take to start your participation in the program.

Next Steps

- **Read and Sign Participation Agreement:** SBA requires the 8(a) participant's President or Chief Executive Officer sign a Participation Agreement showing he or she understands the conditions of 8(a) BD program participation. Please find the Agreement attached to the approval email associated with this letter. Please read the Agreement carefully, sign and date it, and make a copy. Return one copy to the SBA Louisiana District Office at the address shown in the second paragraph above. The second copy is for your records.
- **Develop Your Business Plan:** We encourage you to start developing your business plan. Current 8(a) BD program regulations require a firm, once certified, to promptly submit a business plan which must be approved by the SBA before the firm is eligible to receive 8(a) benefits; including 8(a) contracts. Once approved, the business plan will be reviewed annually and may be modified as needed. We offer an optional format for business plans. To consider the optional

8(a) Business Plan Form 1010C, please go to: <https://www.sba.gov/sites/default/files/SBA%201010C.pdf>.

- **Develop Your Strategy for Winning Contracts in Year 1:** Though your firm's approved North American Industry Classification System (NAICS) Code is 541330, your firm may be awarded contracts under other NAICS Codes, as long as your firm is qualified to perform the required service or task. In this regard, please note that contracts awarded under 8(a) Business Development Program authority generally result from the self-marketing efforts of participating firms. You must build relationships with potential federal customers, pursue federal prime contractors for subcontracts, and aggressively pursue prime contract opportunities to grow your business. Successful 8(a) firms regularly respond to competitive small business contracting opportunities posted on www.FBO.gov. Establish a goal and vision for winning at least two (2) competitive contracts during your first year.

- **Utilize Resources:** There are valuable FREE resources available to you right now that offer expertise in all areas of business operation including reviewing your business plan and strategy. Two resources that you can utilize today are:
 - o **SBA Resource Partners:** I encourage you to locate your nearest Resource Partner, please go to: <https://www.sba.gov/tools/local-assistance>. This link will provide access to upcoming small business events and the webpage for your District SBA Office, also.

- o **7(j) Management and Technical Assistance:** While your firm's acceptance into the 8(a) Business Development program is not a guarantee for contracts, the SBA will make every effort to assist you in implementing your business plan and strategy. Your success in the program is dependent upon the extent to which you take advantage of SBA's efforts to support you. One of the agency's major tools for your success is the 7(j) Management and Technical Assistance Services Program. For more information, click on the following link: <https://www.sba.gov/about-sba/sba-initiatives/7j-management-and-technical-assistance-services-program>

I am excited about your future, and I welcome you as an 8(a) Business Development Program participant. Wishing you much success!

Sincerely,

A handwritten signature in blue ink that reads "Ajay K. Sinha". The signature is written in a cursive, flowing style.

Ajoy K. Sinha
Acting Associate Administrator
Office of Business Development

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

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

Not applicable.

Prime consultant name: *ECM Consultants, Inc.*

22. Sub-consultant information:

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

Firm Name (as registered with Louisiana's Secretary of State)	Address	Point of Contact and email address	Phone Number
Huval & Associates, Inc.	6700 Jefferson Hwy. Bldg. 12, Suite C Baton Rouge, LA 70806-8276	Lee Hupperich, P.E. LHupperoch@huvalassoc.com	337-234-3798
Modjeski and Masters, Inc.	1100 Poydras Street Suite 900 New Orleans, LA 70163	Zolan Prucz, Ph.D, PE Zprucz @modjeski.com	(504) 524-4344
YKH Consulting, LLC. (DBE)	3500 N. Causeway Blvd. Suite 210 Metairie, LA 70002	Chad Hadaway, P.E. chadaway@ykmhconsulting.com	985-665-2983
GOTECH, Inc. (DBE)	8383 Bluebonnet Blvd. Baton Rouge, LA 70810	Rhaoul A. Guillaume, Sr., P.E., info@gotech-inc.com	225-766-5358
APS Engineering and Testing, LLC (DBE)	1645 Nicholson Drive Baton Rouge, LA 70802	Sergio Aviles, PE sergio@aps-testing.com	225-456-5714

(Add rows as needed)

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

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.

Prime consultant name: *ECM Consultants, Inc.*

ECM Consultants, Inc.

1301 Clearview Parkway, Suite 200, Metairie, LA 70002