



## STATEMENT OF QUALIFICATIONS

**Contract No. 4400031700**

**IDIQ Contract for Construction Engineering  
And Inspection Services and Staff Augmentation (CE&I)  
Statewide with Majority of Work in District 02**



*Submitted To:*

**Department of Transportation & Development  
1201 Capitol Access Road, Room 405-E  
Baton Rouge, LA 70802**

**Via email: [DOTDConsultantAds80@la.gov](mailto:DOTDConsultantAds80@la.gov)**

*Submitted By:*

***ECM Consultants, Inc.***

1301 Clearview Parkway

Suite 200

Metairie, Louisiana 70001

Telephone: 504.885.4080 , Fax: 504.885.1439

[ujjal@ecmconsultants.com](mailto:ujjal@ecmconsultants.com)

*In Association with:*

Volkert, Inc.

Huval & Associates, Inc.

Gresham Smith

GOTECH, Inc.

Eustis Engineering, L.L.C.

**February 26, 2025**

# ***ECM Consultants, Inc.***

***Engineers • Architects • Construction Managers***

Email: [mail@ecmconsultants.com](mailto:mail@ecmconsultants.com)    Web: [www.ecmconsultants.com](http://www.ecmconsultants.com)

1301 Clearview Parkway, Suite 200  
Metairie, LA 70001  
Phone (504) 885-4080

8048 One Calais Avenue, Suite F  
Baton Rouge, LA 70809  
Phone (225) 615-7885

400 E. Kaliste Saloom Road Suite 4100  
Lafayette, LA 70508  
Phone (504) 885-4080

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

February 26, 2025

**Re: Contract No. 4400031700**  
**IDIQ Contract for Construction, Engineering and**  
**Inspection Services and Staff Augmentation (CE&I)**  
**Statewide with majority work In District 02**

Dear Mr. Gorbaty,

We are pleased to present ECM Consultants Inc.'s Statement of Qualifications in response to the Request for Qualifications for the above referenced contract. Our qualifications are outlined in the most current version of the DOTD Form 24-102, dated December 12, 2024, which we have provided to you electronically in PDF format.

ECM Consultants, Inc. is a Louisiana-based consulting engineering firm with vast experience in providing Construction Engineering & Inspection (CE&I) services for a variety of roadway and bridge construction projects. Our portfolio includes Design-Bid-Build (DBB) projects involving new roadway construction, roadway reconstructions, and the construction of fixed and movable bridges. Our expertise also extends to Design-Build (D-B) Contract Engineering and Administration, as demonstrated by our successful completion of projects such as the I-10 widening from Highland to LA 73 in Baton Rouge and the I-220/I-20 Interchange project in Bossier Parish, both projects are undertaken by LADOTD.

Furthermore, we have experience in providing CQCM services for P3 projects, such as the Belle Chasse Tunnel Replacement project with a mid-high fixed bridge. We have also served as an extension of staff for agencies like the United States Army Corps of Engineers (USACE), contributing to large-scale civil construction projects post-hurricane Katrina.

Our team of highly qualified professionals, including our partners Volkert, Inc., Huval & Associates, Inc., Gresham Smith, GOTECH, Inc. and Eustis Engineering, LLC. All of them provide exceptional services to the satisfaction of DOTD. We are confident that our experience and expertise make us an ideal choice for this contract.

Thank you for considering our qualifications. We look forward to the opportunity to work with you and provide exceptional services to support LADOTD. Should you have any questions or need additional information, please do not hesitate to contact us.

Respectfully,



Ujjal Dasgupta, P.E.  
President



# DOTD FORM: 24-102

## PROPOSAL TO PROVIDE CONSULTANT SERVICES


(Revised December 12, 2024)

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

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

|   |  |
|---|--|
| 1. Contract Name as shown in the advertisement  | <b>IDIQ Contract for Construction, Engineering and Inspection Services and Staff Augmentation (CE&amp;I) Statewide with majority of work in District 02</b>              |
| 2. Contract Number(s) as shown in the advertisement   | <b>4400031700</b>  |
| 3. State Project Number(s), if shown in the advertisement   | <b>NA</b>  |
| 4. Prime consultant name ( <b>name must match <u>exactly</u> as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; <u>include screenshot from SOS at the end of Section 20</u></b> ) | <b><i>ECM Consultants, Inc.</i></b>  |
| 5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)  | <b>EF.0002003</b><br><b>UEI # CKRMJU7MD296, DUNS: 957392723</b>  |
| 6. Prime consultant mailing address   | <b>1301 Clearview Parkway, Suite 200<br/>Metairie, LA 70001</b>  |
| 7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)   | <b>1301 Clearview Parkway, Suite 200<br/>Metairie, LA 70001</b>  |
| 8. Name, title, phone number, and email address of prime consultant's contract point of contact   | <b>Kazem Alikhani, P.E.</b><br><b>CEO</b><br><b>O: (504) 885-4080, C: (504) 352-8531</b><br><a href="mailto:kazem@ecmconsultants.com">kazem@ecmconsultants.com</a>       |
| 9. Name, title, phone number, and email address of the official with signing authority for this proposal  | <b>Ujjal DasGupta, P.E.</b><br><b>President</b><br><b>O: (504) 885-4080, C: (504) 231-7605</b><br><a href="mailto:ujjal@ecmconsultants.com">ujjal@ecmconsultants.com</a> |
| 10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to  |  |

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

|   |   |                 |                    |    |  |
|---|---|-----------------|--------------------|----|--|
| <p>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>  <p>Date: February 26, 2025</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>  | <table> <tr> <td><u>Firm(s):</u></td> <td><u>Firm(s)' %:</u></td> </tr> <tr> <td>NA</td> <td></td> </tr> </table>   | <u>Firm(s):</u> | <u>Firm(s)' %:</u> | NA |  |
| <u>Firm(s):</u>   | <u>Firm(s)' %:</u>  |                 |                    |    |  |
| NA  |   |                 |                    |    |  |

**12. Discipline Table:**

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

The **only** disciplines to be used are listed in the drop down in each row (Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic). **Remove rows as needed.**

| Evaluation Discipline(s)   | % of Overall Contract | Prime ECM | Firm B Volkert | Firm C Huval | Firm D Gresham Smith | Firm E GOTECH | Firm F Eustis | Each Discipline must total to 100% |
|--|-----------------------|-----------|----------------|--------------|----------------------|---------------|---------------|------------------------------------|
| CE&I/OV  | 76%                   | 85.5%     | 14.5%          |              |                      |               |               | 100%                               |
| Bridge   | 6%                    |           |                | 100%         |                      |               |               | 100%                               |
| CPM  | 3%                    |           | 100%           |              |                      |               |               | 100%                               |
| Survey   | 3%                    |           |                |              |                      | 100%          |               | 100%                               |
| Traffic  | 3%                    |           |                |              | 100%                 |               |               | 100%                               |
| ITS  | 3%                    |           |                |              | 100%                 |               |               | 100%                               |
| Other (Field and Material Testing)   | 6%                    |           |                |              |                      |               | 100%          | 100%                               |
| Identify the percentage of work for the <b>overall contract</b> to be performed by the prime consultant and each sub-consultant. |                       |           |                |              |                      |               |               |                                    |
| Percent of Contract  | 100%                  | 65%       | 14%            | 6%           | 6%                   | 3%            | 6%            |                                    |

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 (must specify)” and include the classification title inside the parentheses.

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

[http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/CCS/Job\\_Qualification/Job%20Classifications%20with%20Descriptions.pdf](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     | 4  | 8   |
| ECM Consultants, Inc.   | Supervisor Other        | 1  | 2   |
| ECM Consultants, Inc.   | Engineer                | 7  | 10  |
| ECM Consultants, Inc.   | Project Office Manager  | 1  | 2   |
| ECM Consultants, Inc.   | Inspector - Lead        | 4  | 6   |
| ECM Consultants, Inc.   | Inspector - Certified   | 8  | 12  |
| ECM Consultants, Inc.   | Inspector- Bridge       | 1  | 2   |
| ECM Consultants, Inc.   | Inspector               | 4  | 20  |
| ECM Consultants, Inc.   | Clerical                | 1  | 2   |
| Volkert, Inc.           | Engineer                | 2  | 5   |
| Volkert, Inc.           | Inspector - Certified   | 2  | 8   |
| Volkert, Inc.           | Technician              | 1  | 2   |
| Huval & Associates, Inc | Supervisor - Eng        | 1  | 5   |
| Huval & Associates, Inc | Engineer                | 2  | 18  |
| Huval & Associates, Inc | Senior Technician       | 1  | 1   |
| Huval & Associates, Inc | Technician              | 1  | 1   |
| Gresham Smith           | Engineer                | 1  | 8   |
| Gresham Smith           | Senior Technician       | 1  | 6   |
| GOTECH, Inc..           | Senior Technician       | 1  | 1   |
| GOTECH, Inc.            | Surveyor                | 2  | 2   |
| Eustis Engineering, LLC | Supervisor - Eng        | 1  | 8   |
| Eustis Engineering, LLC | Technician              | 2  | 10  |

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.

**CONTRACT NO. 4400031700**

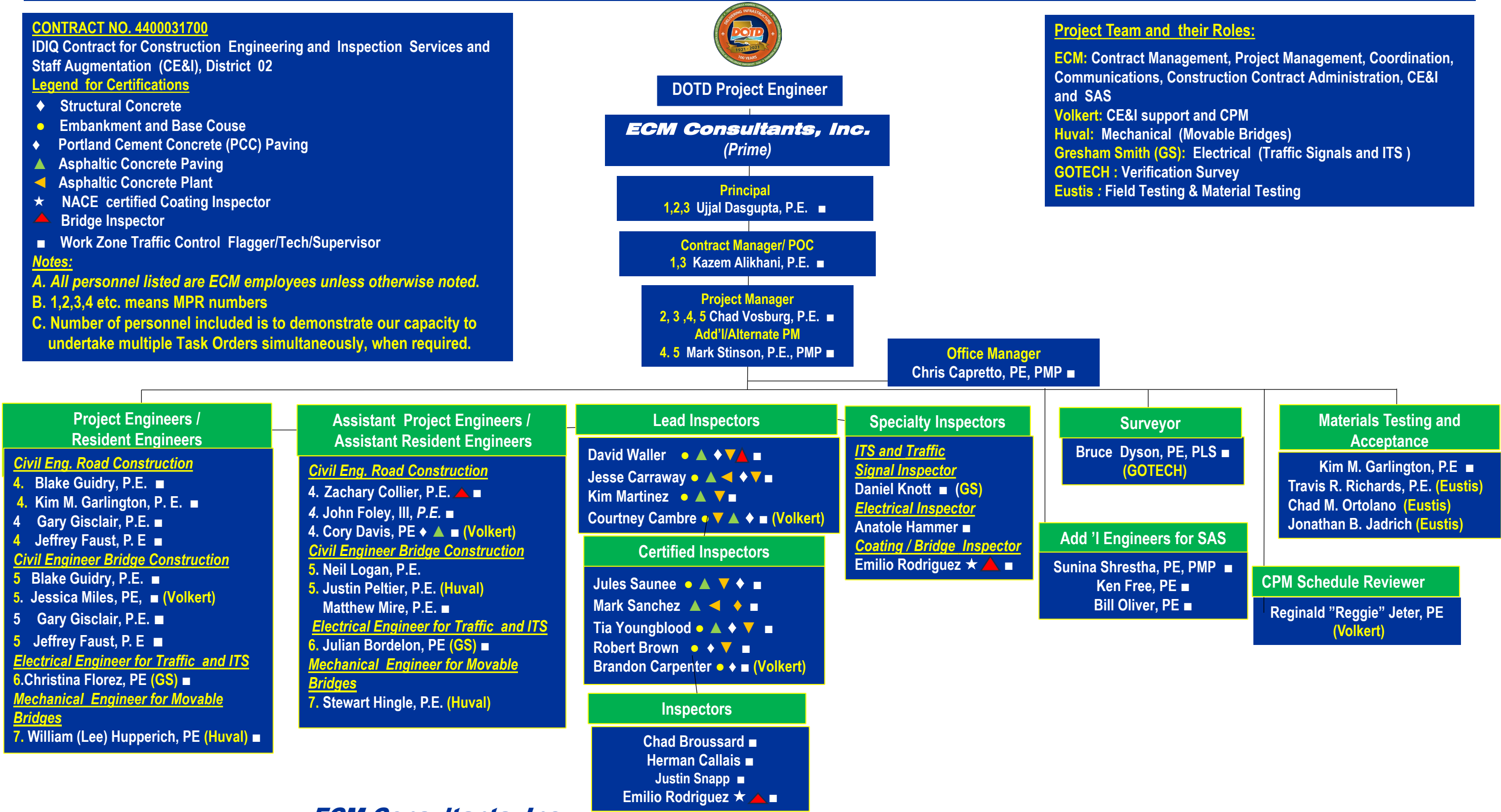
IDIQ Contract for Construction Engineering and Inspection Services and Staff Augmentation (CE&I), District 02

**Legend for Certifications**

- ◆ Structural Concrete
- Embankment and Base Couse
- ◆ Portland Cement Concrete (PCC) Paving
- ▲ Asphaltic Concrete Paving
- ▶ Asphaltic Concrete Plant
- ★ NACE certified Coating Inspector
- ▲ Bridge Inspector
- Work Zone Traffic Control Flagger/Tech/Supervisor

**Notes:**

- A. All personnel listed are ECM employees unless otherwise noted.
- B. 1,2,3,4 etc. means MPR numbers
- C. Number of personnel included is to demonstrate our capacity to undertake multiple Task Orders simultaneously, when required.



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



### 15. Minimum Personnel Requirements:

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

| MPR No.<br>Do not insert<br>wording<br>from ad | Personnel being used to meet<br>the MPR<br>(Individual(s) may not satisfy more than<br>one MPR unless specifically allowed by<br>Attachment B of the advertisement) | Firm employed by              | Type of license and<br>discipline meeting MPR/<br>certification & number<br>(Ex: PE # - Civil) | State of<br>license | License /<br>certification<br>expiration<br>date |
|--|---|-------------------------------|--|---------------------|--|
| 1  | Ujjal DasGupta, P.E.<br>(54 years' experience)  | ECM Consultants, Inc. (Prime) | Civil Engineer<br>Professional Engineer (P.E.)<br>PE.0019849                                   | LA                  | PE.0019849<br>Exp. 09/30/2025                    |
|  | Kazem Alikhani, P.E.<br>(44 years' experience)  | ECM Consultants, Inc. (Prime) | Mechanical Engineer,<br>Environmental Engineer,<br>Professional Engineer (P.E.)<br>PE.0025073  | LA                  | PE.0025073<br>Exp. 03/31/2026                    |
| 2  | Ujjal DasGupta, P.E.<br>(54 years' experience)  | ECM Consultants, Inc. (Prime) | Civil Engineer<br>Professional Engineer (P.E.)<br>PE.0019849                                   | LA                  | PE.0019849<br>Exp. 09/30/2025                    |
|  | Chad Vosburg, P.E.<br>(31 years' experience)  | ECM Consultants, Inc. (Prime) | Civil Engineer<br>Professional Engineer (P.E.)<br>PE.0027677                                   | LA                  | PE.0027677<br>Exp. 09/30/2026                    |
| 3  | Ujjal DasGupta, P.E.<br>(54 years' experience)  | ECM Consultants, Inc. (Prime) | Civil Engineer<br>Professional Engineer (P.E.)<br>PE.0019849                                   | LA                  | PE.0019849<br>Exp. 09/30/2025                    |
|  | Kazem Alikhani, P.E.<br>(44 years' experience)  | ECM Consultants, Inc. (Prime) | Mechanical Engineer,<br>Professional Engineer (P.E.)<br>PE.0025073                             | LA                  | PE.0025073<br>Exp. 03/31/2026                    |
|  | Chad Vosburg, P.E.<br>(31 years' experience)  | ECM Consultants, Inc. (Prime) | Civil Engineer<br>Professional Engineer (P.E.)<br>PE.0027677                                   | LA                  | PE.0027677<br>Exp. 09/30/2026                    |
| 4  | Jeffrey Faust, P. E<br>(34 years' experience)   | ECM Consultants, Inc. (Prime) | Civil Engineer<br>Professional Engineer (P.E.)<br>PE.0028542                                   | LA                  | PE.0028542<br>Exp. 09/30/2025                    |

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

|            |   |                                    |  |    |                                |
|------------|---|------------------------------------|--|----|--------------------------------|
| 4 (cont'd) | Kim Garlington, P.E.<br>(40 years' experience)        | ECM Consultants, Inc. (Prime)      | Civil Engineer<br>Professional Engineer (P.E.)<br>PE.0023848                       | LA | PE.0023848<br>Exp. 09/30/2026  |
|            | Blake Guidry, P.E.<br>(13 years' experience)          | ECM Consultants, Inc. (Prime)      | Civil Engineer<br>Professional Engineer (P.E.)<br>PE.0041362                       | LA | PE.0041362<br>Exp. 09/30/2025  |
|            | Gary Gisclair, P.E.<br>(40 years' experience)         | ECM Consultants, Inc. (Prime)      | Civil Engineer<br>Professional Engineer (P.E.)<br>PE.0022813                       | LA | PE.0022813<br>Exp. 03/31/2026  |
| 5          | Blake Guidry, P.E.<br>(13 years' experience)          | ECM Consultants, Inc. (Prime)      | Civil Engineer<br>Professional Engineer (P.E.)<br>PE.0041362                       | LA | PE.0041362<br>Exp. 09/30/2025  |
|            | Jeffrey Faust, P. E<br>(34 years' experience)         | ECM Consultants, Inc. (Prime)      | Civil Engineer<br>Professional Engineer (P.E.)<br>PE.0028542                       | LA | PE.0028542<br>Exp. 09/30/2025  |
|            | Gary Gisclair, P.E.<br>(40 years' experience)         | ECM Consultants, Inc. (Prime)      | Civil Engineer<br>Professional Engineer (P.E.)<br>PE.0022813                       | LA | PE.0022813<br>Exp. 03/31/2026  |
|            | Jessica Miles, P.E.<br>(31 years' experience)         | Volkert, Inc. (Subconsultant)      | Civil Engineer<br>Professional Engineer (P.E.)<br>PE.0028743                       | LA | PE.0028743<br>Exp. 03/31/26    |
| 6          | Christina Florez, P.E.<br>(23 years' experience)      | Gresham Smith (Subconsultant)      | Electrical and Computer<br>Engineer<br>Professional Engineer (P.E.)<br>PE. 0038799 | LA | PE. 0038799<br>Exp. 09/30/2026 |
| 7          | William (Lee) Hupperich, PE<br>(25 years' experience) | Huval & Associates (Subconsultant) | Mechanical Engineer<br>Professional Engineer (P.E.)<br>PE.0030451                  | LA | PE. 0030451<br>Exp. 03/31/2025 |

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 <b>ECM Consultants, Inc.</b>            |  |      |  |                   |
| Name   | Ujjal DasGupta, P.E.   |      | Years of relevant experience with this employer  | 29                |
| Title  | President  |      | Years of relevant experience with other employer(s)  | 25                |
| Degree(s) / Years / Specialization                       |  |      | B.S. / 1968 / Civil Engineering;   |                   |
| Active registration number / state / expiration date     |  |      | 19849 / LA / 9-2025  |                   |
| Year registered  |  | 1982 | Discipline   | Civil Engineering |
| Contract role(s) / brief description of responsibilities |  |      | Mr. DasGupta will serve as Principal-in-charge for this project. Mr. DasGupta meets the minimum requirement of one registered professional engineer in Louisiana per MPR Nos.1, 2 and 3. |                   |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).  |      |  |                   |
| 54 Years of experience                                   | Mr. DasGupta has over 54 years of experience in construction management, project management, construction engineering & inspection (CE&I) services as well as civil and structural engineering design for a wide variety of roadway, bridges, drainage, and utilities projects. He is ATSSA Work Zone Traffic Control Flagger, Technician & Supervisor; LPA Core Training Module   |      |  |                   |
| 07/20-11/23  | Severn Ave: Veterans to W. Esplanade, Jefferson Parish, LA: Mr. Dasgupta served as the Principal for this \$14.2 million complete street reconstruction 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. ECM provided CE&I services 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 and prepared project closeout documents including 2059 including as-built plans, final estimate for final acceptance  |      |  |                   |
| 11/16- 07/19   | S.P. No. H.007259: Fleur De Lis Drive Reconstruction (30th-Old Hammond Hwy), LADOTD; Orleans Parish, LA: Mr. Dasgupta served as Principal for this \$12 million PCCP roadway project providing construction administration and CE&I services for reconstruction of Fleur de Lis drive, a main artery in a residential corridor. The project scope includes roadway removal, excavation, grading, class II base course, Superpave asphaltic concrete pavement, Portland cement concrete pavement, as well as ADA accessible sidewalks, curb and gutter, driveways and removal/replacement of sewer force mains, water mains, drain lines and drainage structures. Mr. Dasgupta was responsible for overall management, contract administration, and quality control of the project.   |      |  |                   |
| 02/16-08/18  | Gravier Street Improvements (Between S. Galvez & S Broad), City of New Orleans-DPW No. 2000-B01, New Orleans, LA. Mr. DasGupta served as Principal for design, construction administration and resident inspection services for this \$5.2 million roadway reconstruction project that involved design and construction of a two-lane PCC roadway with integral curb. This was an inner city Urban Systems project in a residential neighborhood. The scope included reconstruction of Gravier St. involving removal of existing roadway, excavation, grading, sand subbase, 8-inch crushed stone base with geogrid and geotextile fabric and 8-inch reinforced Portland Cement Concrete Pavement. New drainage system included pipe sizes ranging from 12” to 42” in diameter, water system of approximately 2,600 Lin. Ft. of water mains ranging in size from 8” to 20” in diameter with associated water house connections, and sanitary sewer system of approximately 2,400 Lin. Ft. of sanitary sewer mains ranging in size from 8” to 15” in Diameter |      |  |                   |

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

|             |  |
|-------------|--|
| 06/09-10/16 | <b>Bayou Lafourche Movable Bridge at Larose, LADOTD, Lafourche Parish, LA:</b> Dasgupta served as <b>Principal and Contract Manager</b> for construction engineering and inspection services (CE&I) for this \$32 million vertical lift bridge. This new bridge replaced the former LA 310 bridge at LA 657 extensions 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   |
| 01/05-12/10 | <b>S.P. No. 742-26-0030: Lapalco Boulevard (US 90 to Segnette), Jefferson Parish/LADOTD; Jefferson Parish LA:</b> Mr. DasGupta served as <b>project manager</b> for this <b>\$10.8 million</b> project involving construction contract administration, CE&I services. Work included rehabilitation of an existing two-lane asphalt roadway that involved cold planing, widening, class II base course, Superpave asphaltic concrete and new construction of two additional lanes, including widening of an existing bridge, construction of a new cast-in-place prestressed concrete girder bridge, and construction of several box culverts. New roadway included embankment, class II base course, asphaltic base and wearing courses, striping and traffic signals. He was responsible for overall supervision of the project   |
| 08/17-09/20 | <b>S.P. No. 009250, I-10: Highland to LA 73 Design-Build Project, LADOTD, East Baton Rouge/Ascension Parish, LA.</b> Mr. DasGupta served as <b>Principal-in- Charge and POC</b> for the <b>Design-Builder for Construction Quality Acceptance Management (CQAM)</b> services for this <b>\$72 million</b> design-build project. Project involved <b>on-grade PCC paving</b> for 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 <b>two new bridges and several bridge modifications</b> 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 and roadway lighting replacement. He was responsible for overall management and overseeing and ensuring that all contractual requirements are met. He served as the POC between ECM and the Design-Builder  |
| 01/11-05/13 | <b>Napoleon Avenue Rehabilitation (S. Claiborne Ave. to Carondelet St.), USACE-New Orleans District, LA:</b> Mr. DasGupta served as ECM's <b>Principal</b> for this <b>\$55 million</b> , SELA-funded project for the roadway reconstruction/rehabilitation in connection with construction of a major cast-in -place concrete box culvert in the roadway median. The scope of work for ECM included <b>construction quality assurance inspection services</b> for the construction of the drainage box culvert and reconstruction of the existing roadway with asphaltic concrete roadway, including class II aggregate base, concrete curbs, sidewalks, ADA ramps, driveways, including water and sewer system relocations; roadway drainage system upgrades and tie-in to the new box culvert, pavement markings and striping; street lighting, and median landscaping  |
| 08/19-10/21 | <b>I-220/I-20 Interchange IMP &amp; BAFB Access Road- Design-Build, LADOTD, Bossier Parish, LA.</b> Mr. Dasgupta served as <b>Principal</b> for this <b>\$77.8 million design-build project</b> 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 <b>bridge construction</b> 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 |
| 10/09-02/12 | <b>S.P. No. 700-99-0474, TOs 1, 2 and 3, ITS Design-Build CE&amp;I, Baton Rouge to New Orleans, Jefferson, St. Charles, St. John the Baptist and Terrebonne Parishes LA:</b> Mr. DasGupta served as Principal for this <b>Design- Build CE&amp;I project</b> as sub-consultant to Gannett Fleming, for the <b>implementation of ITS</b> throughout Jefferson, St. Charles, and St. John the Baptist Parishes for LADOTD. The tasks for Task Orders 1, 2 and 3 included the installation of 12 CCTV cameras, 5 DMSs, microwave vehicle detections devices, electrical system, 60 miles of fiber optic cable involving trenching, boring, concrete foundations, pavement restorations and other structural components and <b>traffic signal system upgrades involving installation of 30 signalized intersection at U.S. 61.</b>   |

**16. Staff Experience:**

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| Firm employed by <b>ECM Consultants, Inc.</b>            |   |   |   |
| Name   | Kazem Alikhani, P.E.  |   | Years of relevant experience with this employer     |
| Title  | Chief Executive Officer   |   | Years of relevant experience with other employer(s) |
| Degree(s) / Years / Specialization                       |   | M.S./1984/Engineering Concentration in Civil, Hydraulic & Hydrology<br>B.S./1980/Mechanical Engineering.  |   |
| Active registration number / state / expiration date     |   | 25073/Louisiana/Exp. 03/31/2026   |   |
| Year registered  | 1992  | Discipline  | Mechanical & Environmental Engineering              |
| Contract role(s) / brief description of responsibilities |   | Mr. Alikhani will serve as Contract Manager / POC for this contract. Mr. Alikhani meets the minimum requirement of one registered professional engineer in Louisiana per MPR No. 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 years of experience specified in the applicable MPR(s).   |   |   |
| <b>44 years of experience</b>                            | As CEO of ECM, Mr. Alikhani serves as Contract/ Project Manager for a variety of infrastructure projects, overseeing staff, budgets, timeline and working with owners, consulting firms and subconsultants to ensure timely and accurate project delivery. He spent the majority of his career working with the Jefferson Parish Department of Public Works. Mr. Alikhani has over 44 years of experience in public works projects including planning, design, and construction management. He spent the 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. He is an <b>ATSSA Work Zone Traffic Control Flagger, Technician &amp; Supervisor</b>  |   |   |
| <b>02/22 – On going</b>                                  | <b>LA 1: Leeville to Golden Meadow (Phase 2) Leeville and Golden Meadow, LA:</b> Mr. Alikhani serves as <b>Project Principal</b> for construction administration and <b>CE&amp;I services</b> for this <b>\$463 million</b> project. This project involves an 8.63 Mile long Fixed Concrete & Steel Structure elevated highway over the marshlands between the town of Leeville, LA and Golden Meadow, LA. The project is being constructed by “Top-Down” method of construction where a moveable temporary steel support bridge is built and occupied by the Contractor’s construction equipment, while the permanent concrete bridge is built below. The temporary steel support bridge is approximately 2,000 feet in length and will advance forward as the concrete bridge is built below. Construction for this elevated highway involves building the temporary steel support bridge to support all construction of equipment; permanent concrete pile driving; installation of precast concrete pile caps; installation precast concrete girders; pouring of concrete decks, concrete barrier rails and surface roadway both asphaltic concrete and PCC paving. ECM is responsible for construction administration and CE&I services for the project. |   |   |
| <b>08/17 – 09/20</b>                                     | <b>I-10: Highland to LA 73 Design-Build Project   LADOTD   East Baton Rouge/Ascension Parish, LA.</b> Mr. Alikhani served as <b>Project Manager</b> 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 <b>\$77 million</b> 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 <b>six bridges</b> . Construction included pile driving, installing prestressed <b>concrete girders</b> , bridge deck and elevated roadway, <b>on grade roadway</b> including earthwork, subbase and base, drainage, utilities relocation, <b>PCC pavement</b> , concrete barrier railing and roadway lighting.  |   |   |

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



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| 11/16- 07/19    | <p><b>S .P. No. H.007259: Fleur De Lis Drive Reconstruction (30th-Old Hammond Hwy), LADOTD; Orleans Parish, LA:</b> Mr. Alikhani served as <b>Project Manager</b> for this <b>\$12 million PCCP roadway</b> project providing construction administration and <b>CE&amp;I services</b> for reconstruction of Fleur de Lis drive, a main artery in a residential corridor. The project scope includes roadway removal, excavation, grading, class II base course, Superpave asphaltic concrete pavement, Portland cement concrete pavement, as well as ADA accessible sidewalks, curb and gutter, driveways and removal/replacement of sewer force mains, water mains, drain lines and drainage structures. Mr. Alikhani oversaw, managed the project, supervised construction engineer and the inspectors and ensuring proper oversight of contractors' operations, maintaining documentation, preparing field changes and recording change orders, coordinating testing/sampling, conducting meetings, and communicating with City and LADOTD coordinators</p>   |
| 08/19-10/21     | <p><b>I-220/I-20 Interchange IMP &amp; BAFB Access Road- Design-Build, LADOTD, Bossier Parish, LA.</b> Mr. Alikhani is serving <b>Project Manager</b> for this <b>\$82 million</b> 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 <b>bridge construction</b> 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.</p> |
| 10/17 - Ongoing | <p><b>Program and Construction Management for 2017 Jefferson Parish Road Bond Program   Jefferson Parish DPW   Jefferson Parish, LA.</b> Mr. Alikhani is serving as <b>Project Principal</b> providing project oversight for the 2017 Jefferson Parish Road Bond Project on the East bank of Jefferson Parish. This project currently has <b>\$208 million</b> of construction projects as of 2021. The program mostly includes the design and construction of <b>roadways, bridges</b> and utilities relocations integral to the roadway projects. He provides oversight that includes reviewing all PS&amp;E, resolve design and constructions issues including resolution of utility conflicts.</p>  |
| 05/18 -05/20    | <p><b>I-110 Interchange Modifications at Terrace Ave., Baton Rouge, LA, LADOTD:</b> Mr. Alikhani served as <b>Project Manager</b> for <b>construction inspection</b> services for this <b>\$8.80 million</b>, 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. <b>Nineteen drill shafts will be utilized.</b> 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</p>  |
| 03/14-08/16     | <p><b>Lapalco Boulevard Bridge over Harvey Canal:</b> Mr. Alikhani oversaw this <b>\$5 million</b> 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 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.</p>   |

**16. Staff Experience:**

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| Firm employed by <b>ECM Consultants, Inc.</b>            |   |            |  |    |
| Name   | Chad Vosburg, P.E.  |            | Years of relevant experience with this employer  | 6  |
| Title  | Vice President -Construction  |            | Years of relevant experience with other employer(s)  | 25 |
| Degree(s) / Years / Specialization                       |   |            | 1992/Civil Engineering/ LA PE 27677;   |    |
| Active registration number / state / expiration date     |   |            | 27677 / LA / 9-2026  |    |
| Year registered  | 1998  | Discipline | Civil Engineering  |    |
| Contract role(s) / brief description of responsibilities |   |            | Mr. Vosburg will serve as one of the QA/QC manager for this contract. He meets <b>MPR No. 2 &amp; 3.</b> |    |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).   |            |  |    |
| <b>31 years of experience</b>                            | <i>Mr. Vosburg has more than 31 years of professional engineering experience in project management, civil engineering, construction contract administration, and CE&amp;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. He is an <b>ATSSA Work Zone Traffic Control Flagger, Technician, Supervisor, NHI Inspection of In-Service Bridges</b></i>  |            |  |    |
| <b>10/20 – 10/22</b>                                     | <b>I-10: Highland to LA 73 Design-Build Project, LADOTD, East Baton Rouge/Ascension Parish, LA:</b> Mr. Vosburg provided <b>Construction support services for close out</b> for this <b>\$77 million</b> 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.   |            |  |    |
| <b>10/19-10/22</b>                                       | <b>Southern University Ravine Project, Baton Rouge, LA -</b> Mr. Vosburg served as <b>Project Manager</b> for this <b>\$4.97 million</b> project which included drainage installation of HDPE piping, and approximately 12,000 cubic yards of embankment to repair eroded areas near the SU Health Services Building and near the Millennium Apartments. Both locations were in immediate need of repair as the erosion threatened buildings and parking areas and were completed under budget and in a prompt manner. This project was completed as Force Account work by Boh Brother's construction Company, and coordinated in partnership with LADOTD, FEMA and Southern University.  |            |  |    |
| <b>10/21-Ongoing</b>                                     | <b>Belle Chasse Bridge and Tunnel Replacement, P3, Design-Build Project, Plaquemines Parish, LA</b> Mr. Vosburg is serving as <b>Construction Quality Control Manager</b> for this <b>\$182 million, P3 design-build project</b> to construct a new Mid-Level fixed span bridge that will span the Intracoastal Waterway on Louisiana Highway 23. The new bridge is being constructed to current clearance standards for marine vessels as required by the US Coast Guard. This work includes pile driving, installing steel girders, 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, MSE Wall construction. He is responsible for overseeing the Quality Control team of engineers and LADOTD certified inspectors for sampling and testing to ensure compliance with the project's plans and specifications. |            |  |    |

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

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| 08/19-10/21 | <b>I-220 /I-20 Interchange IMP &amp; BAFB Access Road- Design-Build, LADOTD, Bossier Parish, LA.</b> Mr. Vosburg served as <b>Construction Quality Control Manager</b> for this <b>\$82 million design-build project</b> 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 <b>bridge construction</b> over the existing KCS railway and Musselshell bayou. This work includes <b>4 separate bridges</b> including a NB and SB I-220 overpass over I-20, and a NB and <b>SB overpass</b> over the KCS railway crossing. This work includes <b>pile driving</b> , drilled shafts, installing <b>prestressed concrete girders</b> , steel girders, <b>on grade roadway</b> including earthwork, subbase and base, drainage, utilities relocation, <b>PCC pavement</b> , and Asphaltic Concrete pavement. |
| 09/17-09/18 | <b>Essen Lane Widening, LADOTD, East Baton Rouge Parish, LA:</b> Mr. Vosburg served as <b>DOTD District Administrator</b> for this <b>\$6.7 million</b> construction project involving installation of a cable safety barrier in the median for a 12-mile section, embankment, pavement patching, asphalt overlay, guard railings, emergency crossovers and related work. In addition to being responsible for Construction Engineering and Inspection work, Mr. Vosburg was also involved in Project Development that took place to meet safety initiative goals for LADOTD.  |
| 08/00-05/03 | <b>S.P. No. H.010680: US 190: LA 415 to LA 983, Continuously Reinforced Concrete Pavement, LADOTD, West Baton Rouge Parish, LA:</b> Mr. Vosburg served as <b>DOTD Project Engineer</b> for this <b>\$17 million construction project</b> involving installation of 11" CRCP pavement. The project included phased work that converted a section of US highway with a center rail to be upgraded to current standards and included widening the existing drainage structure to be able to include a depressed median that conformed to the upgraded roadway section. This project upgraded a 10-mile section of US 190 including embankment, CRCP and asphalt paving, guard railings, turn lanes, crossovers, and related work. In addition to being responsible for Construction Engineering and Inspection work, Mr. Vosburg was also involved in Project Development to meet safety initiative goals for LADOTD.                                   |
| 06/12-06/17 | <b>S.P. No. H.000343.6: US 190 Mississippi River Bridge Cleaning, Painting and Repair Phase 1, LADOTD, East &amp; West Baton Rouge Parishes, LA:</b> Mr. Vosburg served as <b>DOTD District Administrator</b> with broad supervision over Construction Engineering and Inspection (CE&I) for this <b>\$74.9 million</b> 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.   |
| 05/13-08/16 | <b>S.P. No. H.001940: Sunshine Bridge Rehabilitation Phase 2, LADOTD, Ascension Parish, LA:</b> Mr. Vosburg served as <b>District Administrator</b> for this <b>\$25.1 million project</b> for rehabilitation of this major <b>Mississippi River bridge</b> 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 in the area.  |
| 09/11—07/12 | <b>S.P. No. H.011224: US 190: Roadway Repair and Replacement, LADOTD, Pointe Coupee Parish, LA:</b> Mr. Vosburg served as <b>DOTD District Administrator</b> for this <b>\$14 million construction project</b> involving replacement of double sided thrie-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.   |
| 06/09-03/11 | <b>S.P. No. 450-08-0051: I-10: Mississippi River Bridge Rehabilitation, LADOTD, East &amp; West Baton Rouge Parishes, LA:</b> Mr. Vosburg served as <b>DOTD Area Engineer</b> for this <b>\$16.1 million</b> 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.   |

**16. Staff Experience:**

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| Firm employed by <b>ECM Consultants, Inc.</b>            |  |  |   |
| Name   | <b>Mark Stinson, P.E., PMP</b>   |  | Years of relevant experience with this employer     |
| Title  | <b>Senior Project Engineer</b>   |  | Years of relevant experience with other employer(s) |
| Degree(s) / Years / Specialization                       |  | <b>1989/Civil Engineering</b>  |   |
| Active registration number / state / expiration date     |  | <b>25618 / LA / 9/30/2026, LA PMP 1294382</b>  |   |
| Year registered  | <b>1994</b>  | Discipline   | <b>Civil Engineering, Environmental Engineer</b>    |
| Contract role(s) / brief description of responsibilities |  | <b>He will serve as an Additional/Alternate Project Manager for this Contract.<br/>He meets MPR Nos. 4 and 5</b> |   |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).  |  |   |
| <b>33 years of experience</b>                            | <i>Mr. Stinson has more than 33 years of professional engineering including 31 years with FHWA as Major Project Engineer and Area Engineer Federal Aid highways and bridge construction projects throughout Louisiana. He has substantial experience in construction projects in District 02,03 and 04. He has <b>ATSSA Work Zone Traffic Control Flagger &amp; Supervisor certification</b></i>   |  |   |
| <b>2005-2023</b>   | <p><b>Major Projects Engineer, Federal Highway Administration, Louisiana Division:</b> Management and oversight of the Major Projects Program in Louisiana. Responsible for oversight of all Major Project requirements in the Federal-aid program for the state of Louisiana. This includes risk assessments, Cost Estimate Reviews, Project Management Plans, Financial Plans and Lessons Learned reviews. Coordinated all National Environmental Policy Act (NEPA) reviews including Environmental Impact Statements and Environmental Assessments. Performed design reviews and partnered with state engineers, contractors and consultants.</p> <p>Other responsibilities included:</p> <ul style="list-style-type: none"> <li>• Innovative Procurement Coordinator (Design-Build, P3 and CMAR)</li> <li>• Buy America Coordinator</li> <li>• Area Engineer duties for LDOTD Districts 02, 03 and 04.</li> <li>• Emergency Relief (ER) coordinator for inspections, Detailed Damage Inspection Reports and cost estimates for hurricanes, tropical storms and other natural disasters.</li> <li>• Team lead on multiple process reviews to improve and enhance project and program performance on topics on everything from contract time estimates to pre-stress concrete plants.</li> </ul> |  |   |
| <b>1992-2005</b>   | <p><b>Area Engineer, Federal Highway Administration, Louisiana Division:</b></p> <p>Job responsibilities consisted of oversight of Federal-aid bridge and highway construction projects in my assigned area which included at various times LDOTD Districts 02,03,04,05,07,08,58 and 61. Coordinated all National Environmental Policy Act (NEPA) reviews including Environmental Impact Statements and Environmental Assessments. Review of design plans, specifications, cost estimates, construction inspections and reports, change orders, material quality assurance, contract administration, claim reviews and National Highway System maintenance reviews. Served on multiple Emergency Relief efforts after hurricanes, tropical storms and floods. Volunteered to work on ER efforts in other states including Homestead, Florida in 1992 after Hurricane Andrew, California after the spring floods in 1995 and Puerto Rico in 2018. Served on multiple specification and research committees with LDOTD and LTRC</p>  |  |   |

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| 2018 - 2024 | <p><b>During this period as Major Projects Engineer for FHWA, and Senior Project Engineer for Volkert</b> he was involved in many projects in DOTD Districts 02,03, 04 and others. The following are examples of a few projects he provided oversight for design and construction phase services:</p> <p><b>A. I-10 Baton Rouge Widening – Construction Manager at Risk (CMAR) Senior Project Engineer</b> – Contract administration duties including review of RFI's and submittals. Review and verification of estimated quantities weekly and monthly. Review of the official monthly partial pay estimate and stockpile material payments. Review of all materials sampling and testing for quality assurance. Review of the contractor's pile installation plan, mass concrete submittal and other contractor submittals required by LDOTD Standard Specifications. Review of the contractor's MOT inspection daily reports. Review of the contractor's SWPPP reports. Review of draft change orders. Coordination of the Geotechnical consultant for the performance of PDA's during pile driving operations. Coordination of the inspection staff.</p> <p><b>B. LA 1 Phase 2 - Golden Meadow to Leeville-</b> Review of all FHWA Major Project requirements. This includes Cost, Schedule and Risk Assessments (CSRA), Project Management Plans, Financial Plans and Lessons Learned reviews. Coordinated the review of the Environmental Impact Statement for LA 1. Participated in permitting meetings with the USACE and US Coast Guard. Performed design reviews. Reviewed the contract proposal, cost estimate and final plans prior to authorization of Federal funds for construction. Performed construction, contract administration and materials QC/QA reviews. Partnered with state engineers, contractors and consultants.</p> <p><b>C. I-10/Loyola Interchange – Design Build</b> - Coordinated the review of the Environmental Assessment and the Interchange Modification Report (IMR). Attended multiple public meetings as part of the NEPA process. Participated in permitting meetings with MSY and the FAA. Performed design reviews. Reviewed the contract proposal, cost estimate and scope of work prior to authorization of Federal funds for construction. Performed construction, contract administration and materials QC/QA reviews. Partnered with state engineers, contractors and consultants.</p> <p><b>D. Belle Chasse Bridge - P3 Project</b> - Coordinated the review of the Environmental Impact Statement. Attended multiple public meetings as part of the NEPA process. Participated in permitting meetings with the USACE and Coast Guard. Performed design reviews. Reviewed the contract proposal, cost estimate and scope of work prior to authorization of Federal funds for construction. Performed construction, contract administration and materials QC/QA reviews. Partnered with state engineers, contractors and consultants.</p> <p><b>E. Barksdale AFB/I-20 Interchange – Design Build-</b> Coordinated the review of the Environmental Assessment and the Interchange Modification Report (IMR). Participated in permitting meetings with Barksdale Air Force Base. Performed design reviews. Reviewed the contract proposal, cost estimate and scope of work prior to authorization of Federal funds for construction. Performed construction, contract administration and materials QC/QA reviews. Partnered with state engineers, contractors and consultants.</p> |
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| 16. Staff Experience:                                    |  |  |   |
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| Firm employed by <b>ECM Consultants, Inc.</b>            |  |  |   |
| Name   | Christopher Capretto, P.E. , PMP   |  | Years of relevant experience with this employer     |
| Title  | Project Engineer   |  | Years of relevant experience with other employer(s) |
| Degree(s) / Years / Specialization                       |  | B.S./2009/Civil Engineering                                  |   |
| Active registration number / state / expiration date     |  | 38641/ LA / 9-2026; PMP 3840827                              |   |
| Year registered  | 2014   | Discipline   | Civil Engineering                                   |
| Contract role(s) / brief description of responsibilities |  | Mr. Capretto will serve as Office Manager for this contract. |   |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).  |  |   |
| <b>15 years of experience</b>                            | <p><i>Mr. Capretto has 15 years of experience in road and bridge construction engineering and inspection, underwater bridge inspection, bridge inspection and bridge rating, bridge design, pavement design, transportation utilities projects, including pavement design, design of roadway horizontal and vertical alignments, and stormwater design, water and sewer force mains and gravity lines. His participation in representative projects includes design, preparation of PS&amp;E for roadways and drainage projects for urban and rural highways and streets. Mr. Capretto's experience in office engineering includes maintaining all project documents including daily reports with photographs, RFIs and RFI log, change order management, reviewing and managing submittals, verifying contractor invoices, and preparing change orders. He is certified in FHWA-NHI-130091 Underwater Bridge Inspection; LPA Core Training Module; ATSSA Work Zone Traffic Control Flagger, Technician &amp; Supervisor</i></p> |  |   |
| 05/17–On going   | <p><b>Program and Construction Management for 2017 Jefferson Parish Road Bond Project, Jefferson Parish, LA.:</b> As one of the engineers responsible for managing the JP Road Bond Program on the East Bank, Mr. Capretto is currently overseeing multiple on-going construction projects, with several more getting ready to start within the next few months. These projects are part of the current Road Bond Program, that funds major transportation projects throughout the parish. His responsibilities have included coordinating between JP engineers and the various contractors and subcontractors; attending all kick-off and progress meetings; regular visits to each of the project sites; reviewing inspection reports and testing lab reports; reviewing and approving RFIs, change orders, and invoices; and maintaining a general sense of progress from kick-off of the work on through to completion of the projects.</p>  |  |   |
| 04/16-05/17  | <p><b>Gravier Street (South Galvez to Broad St)   City of New Orleans   New Orleans, LA:</b> Mr. Capretto provided <b>office engineering and construction administration services</b> in connection with resident inspection for this \$5.2 million PCC roadway reconstruction project including major drainage, water, and sewer mains replacement project. As <b>Assistant Project Engineer</b>, his responsibilities included attending weekly progress meetings, preparing, and distributing minutes of meetings, coordination with various agencies, reviewing and response to all RFIs in consultation with Design Engineer, submittal reviews and management, prepare plan changes, maintaining all documents and assist Project Engineer in resolution of field issues</p>   |  |   |

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

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| 02/15-05/18 | <p><b>Youth Study Center Streets   City of New Orleans Dept. of Public Works   New Orleans, LA   Civil Engineer;</b> Mr. Capretto provided <b>civil engineering design and construction administration</b> services support for this <b>\$3.2 million roadway</b> project involving improvements to Davey St., Encampment St., Cadillac St., and Milton St. in the St. Bernard Neighborhood. General improvements included cold mill, base repairs and overlay, replacing damaged sidewalks and driveway aprons, relocation and/or replacement of water and sewer mains, and providing ADA ramps at all intersections. Work also included coordination with DPW, SW&amp;B and private utility entities for installation/relocation/adjustments of utilities within the project site. His responsibilities included attending weekly progress meetings, preparing, and distributing minutes of meetings, coordinating with various agencies, reviewing and response to all RFIs in consultation with Design Engineer, submittal reviews and management, prepare plan changes, maintaining all documents and assist Project Engineer in resolution of field issues.</p>   |
| 08/16-05/18 | <p><b>S.P. No. H. 0106059: Rafe Meyer Bridges in Baker, LA for LADOTD. As Assistant Project Engineer,</b> Mr. Capretto provided construction engineering support and <b>contract administration services</b> for this <b>\$2 million CE&amp;I project</b> involving demolition and construction of two off-system bridges for LADOTD in East Baton Rouge Parish. This project included precast concrete pile driving, cast-in-place concrete bents, decks, approach slabs and asphaltic concrete roadway transition. He was responsible for office engineering and contract administration that included reviewing shop drawings, submittals and RFIs, attending progress meetings, preparing plan changes and maintaining records of all documents. He was involved in coordination and communication with inspectors, resolution of field issues and site visits as directed by the project manager.</p>  |
| 06/16-11/18 | <p><b>Jefferson Parish Public Works Warehouse, Jefferson Parish-DPW, Bridge City, Jefferson Parish, LA. As Project Construction Engineer</b> he provided construction administration and was in-charge of resident inspection services for this <b>\$5 million</b> 50,000 sq.ft. warehouse for the Department of Public works to store supplies for the West Bank of Jefferson Parish. The scope included pile supported foundation, grade beams, concrete slab, prefabricated metal building, metal siding and roof, inside climate-controlled office area, storage area, fueling facility and <b>PCC parking lot</b>. . His responsibilities included attending weekly progress meetings, preparing and distributing minutes of meetings, coordinating with Parish Project Engineer, various agencies, reviewing and responding to all RFIs in consultation with Design Engineer, submittal reviews and management, preparing change orders, maintaining all documents and assist Project Engineer in resolution of field issues, supervision of Resident Inspector and review of daily reports and review of monthly pay estimates, and monitor progress in relation to Contractor's schedule. He maintained all construction files and documents, assembled all close out documents including as-built plans and submitted to Jefferson Parish.</p> |

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

**16. Staff Experience:**

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| Firm employed by <b>ECM Consultants, Inc.</b>            |   |   |   |
| Name   | Blake Guidry, P.E.  |   | Years of relevant experience with this employer     |
| Title  | Assistant Vice President-Construction   |   | Years of relevant experience with other employer(s) |
| Degree(s) / Years / Specialization                       |   | B.S./Civil Engineering/2012   |   |
| Active registration number / state / expiration date     |   | #41362/LA/ 09/30/2025   |   |
| Year registered  | 2017  | Discipline  | Civil Engineering                                   |
| Contract role(s) / brief description of responsibilities |   | Mr. Guidry will serve as Project Engineer for Road and Bridge Construction for this contract. MPR No. 4 & 5 |   |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).   |   |   |
| 13 years of experience                                   | Mr. Guidry has 13 years of engineering experience in design, construction Engineering and inspection (CE&I) and contract administration including 4 years with LADOTD. His project experience includes highway and bridge construction, roadway and bridge rehabilitation, drainage repair and enhancements, bridge deck polyester concrete overlays, utilities relocations, emergency reconstructions, access management projects, and pedestrian facility improvements. Mr. Guidry is certified ATSSA traffic Control Flagger, Technician and Supervisor.   |   |   |
| 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 this \$77 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. He assisted Project Engineer and prepared close out documents including final estimate and 2059.  |   |   |
| 09/17 – 4/19   | S.P. H.010560: Essen Lane Widening, East Baton Rouge Parish, LA Mr. Guidry served as the DOTD Project Engineer for this \$7.9 million widening project. Work included adding an additional travel lane on northbound Essen Lane, new signalized intersections, new ADA ramps at all driveways and intersections, and additional drainage capacity. 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. |   |   |
| 04/14 – 04/15  | H.010638 – River Rd: Government St – Centerville St: Mr. Guidry served as an Assistant Project Engineer for this \$312k construction inspection project involving the widening, patching, and overlay on River Road in Denham Springs in Livingston Parish. His duties included being the point of contact with the LADOTD Project coordinator and the client's City of Denham Springs. He coordinated with the contractor for scheduling to staff inspectors on the job and to notify the local public for lane closures. His responsibilities for contract administration included preparing change orders for review, monthly pay estimates review, coordination with Railroad company, document management and compiled the final closeout documentation for final acceptance   |   |   |
| 08/15-12/16  | H.011668 Essen Lane Bridge Widening Mr. Guidry served as DOTD Assistant Project Engineer for this \$1.8 million construction inspection project, overseeing the widening of the existing bridge over Ward's Creek located on Essen Lane in East Baton Rouge. Work included driving 16" precast concrete piles adjacent to the existing bridge and widening the deck to accommodate the future widening of Essen Lane in H.010560. The existing deck was removed via hydro-demolition and tied to the newly widening sides once piling was complete. The project also included adding an additional travel lane on northbound Essen Lane, new signalized intersections, new ADA ramps at all driveways and intersections, and additional   |   |   |

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

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|               | drainage capacity. His responsibilities included <b>contract administration that included</b> 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 out documents for acceptance including 2059.   |
| 10/15 -12/17  | <b>H.010659 Rafe Meyer Bridges:</b> Mr. Guidry served as the <b>DOTD Project Coordinator</b> for the <b>\$1.01 million</b> Off-System Bridge replacement of two slab span <b>bridges</b> located on Rafe Meyer Road in East Baton Rouge Parish. Mr. Guidry served as <b>contract administrator</b> over the construction inspection and engineering operation being performed by a consulting firm. Mr. Guidry was present at all project updates and included in all discussions regarding changes or problems occurring in the field. He also made independent site visits as well as having inspectors 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 removal of second bridge until the debris disposal was complete in the aftermath of the August 2016 flood.  |
| 12/16- 06/18  | <b>H.000351 District 61 Bridge Deck, Joint, and Miscellaneous Repairs, East Baton Rouge, LA:</b> Mr. Guidry served as <b>DOTD Assistant Project Engineer</b> for this <b>\$6.1 Million</b> construction inspection project involving bridge deck repairs, deck overlays, joint repairs, bearing pad replacement, and other miscellaneous repairs. The project scope included removal and replacement of joints on the <b>I-10 overpass</b> at College Drive, the LA 67 bridge over US 61, the interchange of US 61 and I-10, and <b>the flyover connecting I-12 westbound to I-10 east bound</b> . The project included concrete structural patching on I-110 and girder repairs involving carbon fiber wraps. The project also included bearing pad replacement and pedestal repairs. His <b>contract administration</b> duties included project coordination, attending progress meetings, document management, data entry in <b>SiteManager</b> , 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. |
| 10/17-07/19   | <b>H.011295 LA. 73: Government St., East Blvd-Lobdell, LADOTD, East Baton Rouge Parish, LA</b> Mr. Guidry served as <b>DOTD Project Engineer</b> for this <b>\$16.1 million</b> Road Transfer project. In addition to preparing for <b>CE&amp;I</b> work, he was also involved in Project Design and Development, <b>Public Outreach</b> , working with City officials, Public Meetings, and Constructability reviews. Work included several phases where traffic lanes were adjusted to allow for the completion of the project section by section. The project includes rehabilitating the existing <b>pavement</b> 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.  |
| 08/19 – 05/20 | <b>H.006531 – Roundabout at Girard Park and Hospital Dr:</b> Mr. Guidry served as <b>Project Engineer</b> for this <b>\$1.05 million</b> construction inspection project involving the construction of a <b>Portland cement concrete pavement (PCCP)</b> roundabout at the formerly four-way stop at Girard Park Drive and Hospital Drive. Work activities also included the installation of drainage pipe and erection of a structural retaining wall, signing, and striping. Mr. Guidry acted as the contact for the client, Lafayette Consolidated Government, and the LADOTD Project Coordinator. His responsibility for <b>contract administration</b> included inspection scheduling, contractor payment, creation of change orders, document management and project closeout documentation for final acceptance, including the 2059.   |
| 07/18-07/19   | <b>H.012233 – LA 3064 to LA 1248 Phase I Dijon Drive Extension:</b> Mr. Guidry served as the <b>DOTD Coordinator</b> in the Project Engineer's office for this <b>\$8.3 million</b> new construction project providing access to the Our Lady of the Lake Children's Hospital in East Baton Rouge Parish. Mr. Guidry served as the <b>contract administrator</b> over the CE&I project. Mr. Guidry was present at all on-site meetings and monthly progress updates and included on change order discussions and approval chain. Mr. Guidry made independent site visits during critical phases of the project, including construction activities at the tie-in to LA 3064, Essen Lane. His <b>contract administration</b> duties included <b>public relations</b> , supervision of <b>SiteManager</b> entries by EBR DPW, progress meetings, change order review and approval, RFI review, reviewing monthly pay estimates, and confirming contractor payment.   |

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

**16. Staff Experience:**

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| Firm employed by <b>ECM Consultants, Inc.</b>            |  |            |   |
| Name   | <b>Kim Martindale Garlington, P.E.</b>   |            | Years of relevant experience with this employer     |
| Title  | <b>Sr. Project Engineer</b>  |            | Years of relevant experience with other employer(s) |
| Degree(s) / Years / Specialization                       | <b>B.S. / 1982 / Civil Engineering</b> ATSSA Work Zone Traffic Control Flagger, Technician, Supervisor   |            |   |
| Active registration number / state / expiration date     | <b>#23848/LA/ 9/30/2026</b>  |            |   |
| Year registered  | <b>1990</b>  | Discipline | <b>Civil Engineering</b>                            |
| Contract role(s) / brief description of responsibilities | <b>She will serve as Project Engineer for road and bridge Construction for this Contract. Ms. Garlington meets the MPR 4 &amp; 5.</b>  |            |   |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).  |            |   |
| <b>40 years of experience</b>                            | <i>Ms. Garlington is a Professional Civil Engineer with more than 40 years of bridge, elevated highway, and road construction. She worked for LADOTD for 35 years as the Head of Pavement and Geotechnical Design, Lab Engineer and then Project Engineer before she retired. Ms. Garlington is <b>certified TCS and Flagger</b>.</i>  |            |   |
| <b>02/22 – On going</b>                                  | <b>LA 1: Leeville to Golden Meadow (Phase 2), Leeville and Golden Meadow, LA:</b> Ms. Garlington is the Project Engineer and overall responsible for construction administration and CE&I services for the project. This is an 8.63 Mile long Fixed Concrete & Steel Structure elevated highway over the marshlands between the town of Leeville, LA and Golden Meadow, LA. Due to environments constrains, the bridge needs to be constructed with no direct contact with the marshlands, with the exception of temporary steel support piles and the bridge’s permanent concrete support pilings. The project is being constructed by “Top-Down” method of construction where a moveable temporary steel support bridge is built and occupied by the Contractor’s construction equipment, while the permanent concrete bridge is built below. The temporary steel support bridge is approximately 2,000 foot in length and will advance forward as the concrete bridge is built below. Construction for this elevated highway involves building the temporary steel support bridge to support all construction equipment; permanent concrete pile driving; installation of precast concrete pile caps; installation of precast concrete girders; pouring of concrete decks, concrete barrier rails and surface roadway both asphaltic concrete and PCC paving.   |            |   |
| <b>08/19-10/21</b>                                       | <b>S.P. No. H.003370, I-220 / I-20 Interchange IMP &amp; BAFB Access Road- Design-Build, LADOTD, Bossier Parish, LA.</b> Ms. Garlington served as Project Engineer for this <b>\$71.8 million</b> design-build project that constructed a new I-220 extension South of I-20 providing access to Barksdale Air Force Base, adding access ramps and enhancing capacity at the I-20/220 interchange including construction of four <b>bridge/overpass</b> over the existing KCS railway and Musselshell bayou. This included an <b>NB and SB I-220 overpass over I-20</b> , and an <b>NB and SB overpass over the KCS railway crossing</b> . Ms. Garlington led a team of inspectors responsible for the Contractor’s <b>bridge construction</b> activities that included <b>pile driving, field pile acceptance</b> , inspection of drilled shafts, installing <b>bridge caps/abutments/columns, LG 78-54 &amp; 45 prestressed concrete girders, diaphragms, shear keys and constructing bridge decks and approach slabs</b> . Also included are <b>on grade roadways</b> including earthwork, subbase and base, drainage, utilities relocation, <b>PCC pavement</b> , and Asphaltic Concrete pavement. Ms. Garlington worked with the OV Inspection team interpreting 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). <b>Ms. Garlington utilized LADOTD’s Site Manager/Site</b> |            |   |

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



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|                      | <b>Manager Materials/HEADLIGHT software daily.</b> Ms. Garlington evaluated 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.   |
| <b>05/03-08/11</b>   | <b>S.P. No. 052-02-0024: Audubon Bridge and Approaches, LADOTD, Pointe Coupee &amp; West Feliciana Parishes, LA:</b> Ms. Garlington served as DOTD Pavement and Geotechnical Administrator for this <b>\$410 million Design-Build project</b> . This major bridge construction project involved installation of a major Mississippi River bridge crossing that included a 3186-foot-long cable stayed bridge, four smaller bridges, and approach roadways. She served as the Geotechnical Representative that reviewed and rated the design build proposals. Work included <b>verification that specifications and standards were being met for the piles</b> and 8- ft diameter drilled shafts of the cable stayed bridge and approach roadways Ms. Garlington consulted with the Department's CE&I Team on issues during construction regarding the installation of the drilled shafts, pressure grouting procedures, an interpretation of <b>load test results</b> . She served as the Department's <b>Geotechnical field expert during pile installation</b> on issues with the Pile Driving Analyzer (PDA) and interpretation of load test results. She advised the Chief Engineer and <b>provided recommendations to the CE&amp;I Project Engineer</b> on issues <b>regarding field acceptance of piles</b> and drilled shafts when installation criteria were not met. She recommended remedial actions by the Contractor and evaluated results to ensure foundations were adequate. |
| <b>09/14 - 08/16</b> | <b>LADOTD - Natchitoches Parish – LA 490, LA 119, LA 488, LA 1220, LA 493, LA 495, LA 120, LA 480:</b> Ms. Garlington served as a <b>Project Engineer</b> for the reconstruction projects in the parish. Her responsibilities included preconstruction design activities, plan review and <b>administration of the construction contract</b> . 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 recommended contractor payments. Ms. Garlington <b>also implemented the Department's Site Manager Materials software for quality assurance on several projects</b> .  |
| <b>02/11 – 03/12</b> | <b>840-43-0001 - LADOTD – Buhlow Bridge US 165 – Alexandria District:</b> Ms. Garlington served as <b>District 08's Construction Coordinator</b> and Laboratory Engineer during the <b>Buhlow Bridge replacement over Red River</b> . Work included <b>concrete decks, girders, cofferdams, piles</b> and drilled shaft foundations, embankment, class 2 base course, asphalt pavement, concrete barriers, and drainage. Ms. Garlington consulted regularly with the <b>LADOTD's Consultant Project Engineer performing CE&amp;I Services</b> on several Geotechnical issues that arose regarding cofferdam stability, <b>Pile driving and acceptance criteria</b> , 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.   |
| <b>11/09 – 09/14</b> | <b>LADOTD – District 08 Construction Coordinator and Laboratory Engineer – 34 Projects in the District -</b> 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. Ms. Garlington interacted with <b>PE's and Area Engineers</b> to resolve issues regarding failing materials and their use or removal on the projects. She <b>implemented the Department's Site Manager Materials software for quality assurance on several projects</b> .  |

**16. Staff Experience:**

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| Firm employed by <b>ECM Consultants, Inc.</b>            |  |   |   |
| Name   | Gary A. Gisclair, P.E.   |   | Years of relevant experience with this employer     |
| Title  | Project Manager  |   | Years of relevant experience with other employer(s) |
| Degree(s) / Years / Specialization                       |  | B.S./1981/Civil Engineering<br>DOTD Certified Public Manager<br>DOTD Certified Structural Concrete Inspection (Expires 10/13/26)  |   |
| Active registration number / state / expiration date     |  | PE.0022813 /Louisiana/Exp. 3/31/2026  |   |
| Year registered  | 1987   | Discipline  | Civil Engineering                                   |
| Contract role(s) / brief description of responsibilities |  | Mr. Gisclair will serve as Project/Resident Engineer for Road and Bridge Construction for this project. He meets the minimum requirement of a registered professional engineer in Louisiana. He meets MPR Nos. 4 & 5. |   |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).  |   |   |
| <b>40 years of experience</b>                            | <i>He has over 40 years of experience in Civil Engineering specializing in Construction Engineering &amp; Maintenance of DOTD Roads and Bridges and Public Works Projects. Mr. Gisclair worked for DOTD for 33 Years. He has been employed as a Project Engineer, Area Engineer and Assistant District Administrator. He is certified ATSSA Work Zone Traffic Control Flagger, Technician &amp; Supervisor.</i>  |   |   |
| <b>02/22 – On going</b>                                  | <b>H.008145.6 – LA 1: Leeville to Golden Meadow (Phase 2) - \$463 million Construction Cost.</b> This is an 8.63 Mile long Fixed Concrete & Steel Structure <b>elevated highway</b> over the marshlands between the town of Leeville, LA and Golden Meadow, LA. Due to environments constrains, the bridge needs to be constructed with no direct contact with the marshlands, with the exception of temporary steel support piles and the bridge's permanent concrete support pilings. The project is being constructed by “ <b>Top-Down</b> ” <b>method of construction</b> where a moveable temporary steel support bridge is built and occupied by the Contractor's construction equipment, while the permanent concrete bridge is built below. The temporary steel support bridge is approximately 2,000 foot in length and will advance forward as the concrete bridge is built below. Construction for this <b>elevated highway</b> involves building the temporary steel support bridge to support all construction equipment; permanent concrete pile driving; installation of precast concrete pile caps; installation of precast concrete girders; pouring of concrete decks, concrete barrier rails and <b>surface roadway both asphaltic concrete and PCC paving</b> . Mr. Gisclair is the <b>Project Engineer</b> and overall responsible for construction administration and CE&I services for the project. |   |   |
| <b>3/2006 – 3/2008</b>                                   | <b>H.008143 (SPN 829-32-0007) – LA 1 Relocated – Port Fourchon to Leeville Bridge (Phase 1B) - \$144 Million Construction Cost.</b> This Project replaced the LA 1 Bridge crossing over Bayou Lafourche in the town of Leeville, 4.57 mile in length and constructed a concrete bridge south connector ramp to tie-in to LA 1 and a concrete bridge north connector ramp to tie into LA 1. Both bridge ramps connected the mainline of the bridge to LA 1 north and south of the main span crossing Bayou Lafourche. Construction involved Concrete pile driving, pouring of concrete caps, setting of pre-cast concrete girders and pre-cast concrete SIP panels, pouring of concrete decks and concrete barrier rails. Construction also involved removal of the existing shoulder to LA 1 north of the main span crossing and south of the main span crossing and construction of an asphaltic concrete base and overlay to connect the mainline of the bridge to LA 1 south and north of the main span crossing. DOTD staffed all CE&I services on this project and Mr. Gisclair was the DOTD Project Engineer over this project.  |   |   |
| <b>6/2006 – 4/2008</b>                                   | <b>H.008144 (SPN 829-32-0008) – LA 1 over Bayou Lafourche at Leeville – (Phase 1C) – Main Spans – \$21.4 Million Construction Cost.</b> This was the 870' main span crossing for LA 1 relocated built over Bayou Lafourche in Leeville, replacing the existing Leeville Bridge crossing. Construction involved concrete pile driving and construction of four concrete main span footings and concrete columns and concrete caps, setting of the steel girder sections spanning between all four footings and pouring of the concrete decks and concrete barrier rails along the main span crossing. 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.**

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| 3/2007 – 1/2010  | <b>H.001475 (SPN 064-30-0035) – LA 1 Fourchon to Leeville Bridge (Phase 1A) – \$137.7 Million Construction Cost.</b> This was the 5.34-mile-long 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, 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. |
| 9/2009 – 4/2011  | <b>H.001436 (SPN 064-01-0040) – Caminada Bay Bridge - \$53.3 Million Construction Cost.</b> This was the ¾ mile 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  |
| 6/2009 – 11/2014 | <b>H.001451 – (SPN 064-05-0085) – Bayou Lafourche Bridge at Larose - \$31.4 Million Construction Cost.</b> This was the new lift span 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.   |
| 9/2011 – 12/2011 | <b>H.001452 – (SPN 064-05-0086) – (Route LA 1 &amp; LA 308) – Left Turn Lane South of Lockport - \$584,545 Construction Cost.</b> 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.   |
| 6/2010 – 1/2011  | <b>H.001458 – (SPN 064-06-0048) – Overlay of LA 1 in Mathews – \$1.8 Million Construction Cost.</b> 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 on this project.  |
| 5/2010 – 8/2010  | <b>H.001466 – (SPN 064-07-0026) – Lafourche Parish Turn Lanes - \$478,789 Construction Cost.</b> This was an asphaltic concrete overlay on LA 1, between Raceland and Thibodaux to construct turn lanes at various locations. Construction involved removal of existing asphaltic concrete shoulders, construction of asphaltic concrete base, binder and wearing course 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 on this project.  |
| 8/2010 – 4/2011  | <b>H.001469 – (SPN 064-08-0017) – LA 1 from LA 20 to the Assumption Parish Lines - \$2 Million Construction Cost.</b> This was an asphaltic concrete overlay of LA 1 from LA 20 in the City of Thibodaux to the Assumption Parish Lines south of the town of Labadieville. 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.   |

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

**16. Staff Experience:**

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| Firm employed by <b>ECM Consultants, Inc.</b>            |   |            |  |    |
| Name   | Jeffrey Faust, P.E.   |            | Years of relevant experience with this employer  | <1 |
| Title  | Senior Construction Engineer  |            | Years of relevant experience with other employer(s)  | 34 |
| Degree(s) / Years / Specialization                       |   |            | B.S./1991/Civil Engineering  |    |
| Active registration number / state / expiration date     |   |            | 28542/ LA / 9-2025   |    |
| Year registered  | 1999  | Discipline | Civil Engineering  |    |
| Contract role(s) / brief description of responsibilities |   |            | Mr. Faust will serve as Project Engineer/RE for this contract. He meets the minimum requirement of one registered professional engineer in Louisiana. He meets per MPR Nos. 4 and 5. |    |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).   |            |  |    |
| 34 years of experience                                   | Mr. Faust has 34 years of engineering experience in construction Engineering and inspection (CE&I) and contract administration with LADOTD. His project experience includes highway and bridge construction, roadway and bridge rehabilitation, drainage repair and enhancements, utilities relocations, emergency reconstructions, access management projects, and pedestrian facility improvements. Mr. Faust is a <b>certified ATSSA traffic Control Flagger, Technician and Supervisor.</b>   |            |  |    |
| 01/02-08/03  | S.P. No. 424-02-0069: Evangeline Thruway (SPRR – I-10) LADOTD, Lafayette Parish, LA. Mr. Faust served as the <b>Project Engineer</b> for this <b>\$11 million</b> project to widen I-49 (Evangeline Thruway) from two to <b>three lanes</b> in the northbound direction. Emergency crossovers for <b>Contra-Flow</b> were also constructed in the Lafayette (South) portion and in Washington (North) portion. Managing traffic at this major interstate intersection was a major challenge.  |            |  |    |
| 06/03-09/04  | S.P. No. 004-01-0038: LA 182 Pinhook Rd (Verot School Rd – LA 89), LADOTD, Lafayette Parish, LA. Mr. Faust served as the <b>Project Engineer</b> for this <b>\$12.5 million</b> project to widen LA 182 from a two-lane asphalt roadway to a <b>five-lane concrete curb and gutter</b> roadway. <b>Traffic signals</b> were upgraded with new controller cabinets, vehicle detection system, <b>pedestrian</b> crosswalks and emergency vehicle preemption. His <b>contract administration</b> duties included project coordination, attending progress meetings, document management, manage RFIs, review plan change requests, review monthly pay estimates, prepare plan changes, and keeping concise record of all documents.   |            |  |    |
| 06/07-08/10  | S.P. No. 216-03-0032: LA 3073 Ambassador Caffery Pkwy (Verot School Rd – US 90) LADOTD, Lafayette Parish, LA. Mr. Faust served as the <b>Project Engineer</b> for this <b>\$45 million</b> project to construct a new four lane median roadway that extended an existing section of LA 3073 approximately six miles east from LA 339 (Verot School Rd) to US 90. His duties included <b>public relations</b> , coordinating with DOTD project manager for <b>right of way acquisition</b> , plan development, utility relocation coordination, <b>contract administration</b> , pay estimate reviews, managing RFIs, reviewing and negotiating change orders, coordinating with the designer for plan errors and coordinating the installation of right of way monuments with the contractor. |            |  |    |
| 12/09-12/13  | S.P. No. 424-02-0088: US 90 BUS, Pinhook – Broussard LADOTD, Lafayette Parish, LA. Mr. Faust served as the <b>Project Engineer</b> for this <b>\$22.3 million</b> project to widen US 90 from a four-lane median divide to a <b>six-lane median divide</b> with an excess of <b>20 J-turns</b> change ordered into the project. Two of the J-turns were double J-turns with new <b>traffic signals</b> . Two <b>bridges</b> crossing the Vermilion River were also widened during this project. His duties for <b>contract administration</b> included preparing change orders for review, monthly pay estimate reviews, document management and project management.  |            |  |    |
| 05/10-03/11  | S.P. No. 213-05-0035 : LA 339 & LA 92 Roundabout LADOTD, Lafayette Parish, LA. Mr. Faust served as the <b>Project Engineer</b> for this <b>\$1.1 million</b> project to upgrade a T-intersection to a <b>roundabout</b> . This project improved traffic flow by converting a T-intersection into a roundabout and drainage improvements. His duties included monitoring traffic issues, reviewing and approving change orders, reviewing and approving pay estimates, <b>SiteManager</b> review and approval of daily diaries.  |            |  |    |

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

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| 06/11-05/17 | <b>S.P. No. 828-12-0021-R1: LA 339 Verot School Rd (C&amp;G) &amp; Digby, Pillette &amp; Lozes Outfall Drainage Improvements LADOTD, Lafayette Parish, LA.</b> Mr. Faust served as the <b>Project Engineer</b> for the <b>\$12.1 million</b> project to <b>clear and grub</b> LA 339 for an upcoming project and to make improvements to <b>3 drainage outfalls</b> managed by the Lafayette Consolidated Government. The outfalls were existing earthen outfalls and were improved to <b>reinforced concrete lined outfalls</b> . His duties included right of way layout, public relations with property owners, coordination with LCG, attending progress meetings and negotiating and approving change orders. |
| 03/14-12/15 | <b>S.P. No. H.009630: LA 719, LA 342 – US 90 LADOTD, Lafayette Parish, LA.</b> Mr. Faust served as the <b>Project Engineer</b> for this <b>\$3.9 million</b> project to re-construct this 5.3-mile roadway. The project included <b>base stabilization</b> with an <b>asphalt overlay</b> . There were also drainage improvements. His duties included staff oversight, pay estimate review and approval, change order negotiating and approval, and <b>SiteManager</b> diary reviews.   |
| 07/07-07/08 | <b>S.P. No. 455-01-0049: I-49, I-10 – St. Landry P/L, LADOTD, Lafayette Parish, LA.</b> Mr. Faust served as the <b>Project Engineer</b> for this <b>\$7.4 million</b> project. His duties included project administration, change order negotiation, inspection staff monitoring, and estimate reviews. The scope of work involved interstate concrete patching with <b>high early strength concrete</b> , traffic control, <b>night work</b> , and pavement markings. His duties included contract administration, managing daily activities, staffing oversight, estimate reviews and approval, change order negotiating and approval, and   |
| 01/15-04/17 | <b>S.P. No. H.010863: I-10, Interstate Lighting @ Ambassador Caffery, LADOTD, Lafayette Parish, LA.</b> Mr. Faust served as the <b>Project Engineer</b> for this <b>\$1 million</b> project. The scope of work included upgrading an existing <b>interstate lighting system</b> at the I-10 and I-49 interchange and installing new lighting along the I-10 interstate from University Ave to Ambassador Caffery Pkwy interchange. The lighting belonged to Lafayette Consolidated Government and required coordination with LCG during this project. Managing DOTD staffing was also critical.  |
| 08/15-06/19 | <b>S.P. No. H.005508: LA 339, Verot School Rd, LADOTD, Lafayette Parish, LA.</b> Mr. Faust served as the <b>Project Engineer</b> for this <b>\$37.3 million Road Transfer</b> project. This project re-constructed an existing asphalt two-lane roadway to a <b>concrete four lane</b> median divided roadway. The project included new <b>street lighting</b> , extensive drainage work, major <b>maintenance of traffic</b> , and ADA assessable pedestrian crosswalks. His duties included project administration, pay estimate review, change order negotiating, public relations, coordination with Lafayette Consolidated Government, and coordination with the project design firm.                         |
| 10/18-08/21 | <b>S.P. No. H.013527: LA 3073, LA 733, LA 92, LA 182, Repairs to Vermillion River Bridges, LADOTD, Lafayette Parish, LA.</b> Mr. Faust served as the <b>Project Engineer</b> for this \$2.1 million project. The project involved making repairs to the electrical and mechanical systems of these bridges damaged during the flooding in 2016. His duties included contract administration, staff monitoring, <b>SiteManager</b> daily report entries and approval, pay estimate review and approval, and change order review and approval.   |
| 09/13-04/14 | <b>S.P. No. H.010646: I-10, Sawmill Hwy over I-10 Girder Repair, LADOTD, St. Martin Parish, LA.</b> Mr. Faust served as <b>Project Engineer</b> for the <b>\$343,093.00</b> project to repair a girder struck by an 18-wheeler. The project involved the sawing and removal of the overpass deck, under traffic from I-10 and then remove and <b>replace the girder</b> . His duties included contract management, public relations, coordination with other agencies, project inspection management, change order review and approval and pay estimates review and approval.  |
| 12/03-09/06 | <b>S.P. No. 032-01-0031: LA 182 I-49 - LA 182, LADOTD, Lafayette Parish, LA.</b> Mr. Faust served as <b>Project Engineer</b> on this \$5.3 million project to re-align and widen an existing 2-lane roadway to a 3-lane curb and gutter roadway. Two 3-lane wide flat span bridges were constructed within the scope of this project. Mr. Faust duties included contract administration, change order review and approval, pay estimate review and approval, coordination with the City of Carencro, numerous site visits to address issues.   |

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



**16. Staff Experience:**

|  |  |   |                                     |
|--|--|---|-------------------------------------|
| Firm employed by   |  | <b>Volkert, Inc.</b>                                |                                     |
| Name   | <b>Jessica Miles, PE</b>   | Years of relevant experience with this employer     | <b>1</b>                            |
| Title  | <b>Project Engineer</b>  | Years of relevant experience with other employer(s) | <b>30</b>                           |
| Degree(s) / Years / Specialization                       |  | <b>B.S. / 1986 / Civil Engineering</b>              |                                     |
| Active registration number / state / expiration date     |  | <b>28743 / Louisiana / 03-31-2026</b>               |                                     |
| Year registered  | <b>1999</b>  | Discipline  | <b>Professional Engineer, Civil</b> |
| Contract role(s) / brief description of responsibilities |  | <b>Project Engineer</b> <b>MPR #5</b>               |                                     |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).  |   |                                     |
| <b>31 years of experience</b>                            | <p><i>Ms. Miles has over 31 years of experience in road and bridge projects, actively <b>managed construction projects</b> in Louisiana as a contractor and prepared <b>CPM schedules in Primavera P3 and P6 since 1999</b>. The firm size was 250 employees with \$70-80 million annual revenue, averaging 12-15 active projects a year. As part of this position, she was active in preparing several Design Build proposals, estimates and schedules. She worked as a Construction Support Engineer on a support contract to LADOTD Construction Division reviewing and recommending CPMs submitted on construction projects from 2002-2005. Ms. Miles was an employee for the State of Florida for 12 years and provided direct supervision of construction engineering and inspection firms and provided department oversight on CE&amp;I construction projects including schedule reviews. She has worked in HCSS estimating software for 9 years and Primavera for 17 years. Ms. Miles is familiar with working with the Department and has worked on many LADOTD projects in a managerial position. She is familiar with standard construction practices, means and methods and has had experience with public relations on sensitive construction projects. <b>Ms. Miles' certifications include: ATSSA Traffic Control Flagger, ATSSA Traffic Control Supervisor</b></i></p> |   |                                     |
| <b>02/20 – Ongoing</b>                                   | <p><b>LA 23, Belle Chasse Bridge and Tunnel (HBI) Improvements: Project Engineer</b> for the Owner Verification Team.   Volkert will be responsible for providing all Engineering Design and Construction Support services including implementation of the Construction Quality Assurance Plan for the Belle Chasse Bridge &amp; Tunnel Public Private Partnership (P3) Project which provides for the replacement of the Belle Chasse Tunnel and Judge Perez Lift Bridge with a new toll bridge. This includes the development of construction plans, bridge replacement plans, decommissioning of the Tunnel and development of O&amp;M plans. As the OVT, Volkert will provide guidance and support to the LADOTD Project Manager prior to and during reviews, develop review comments, attend project meetings, ensure that the DBT adheres to their contract, and address other assignments as directed.   State Contract No. 4400018899.</p>   |   |                                     |
| <b>01/15 – 09/21</b>                                     | <p><b>Retainer Contract for Design Build and Other Alternative Delivery Support Services, Task 1   Statewide, LA</b>   Tasked by LADOTD to research and compile a CMAR Manual, RFQ, Pre-Construction and Construction Contract documents for the Departments use on CMAR advertised projects. Jessica is currently serving as <b>Project Manager</b> and aiding in developing a CMAR manual for DOTD's use. This includes preparing duties of ICE in the CMAR program. LADOTD Retainer Contract No. 4400004915.</p>  |   |                                     |
| <b>04/16 – 09/21</b>                                     | <p><b>Retainer Contract for Design Build and Other Alternative Delivery Support Services, Task 1   Statewide, LA</b>   Tasked by LADOTD to research and compile a CMAR Manual, RFQ, Pre-Construction and Construction Contract documents for the Departments use on CMAR advertised projects. Jessica is currently serving as <b>Project Manager</b> and aiding in developing a CMAR manual for DOTD's use. This includes preparing duties of ICE in the CMAR program. LADOTD Retainer Contract No. 4400004915.</p>  |   |                                     |

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



**16. Staff Experience:**

|  |   |  |                                     |
|--|---|--|-------------------------------------|
| Firm employed by <b>Gresham Smith</b>                    |   |  |                                     |
| Name   | <b>Christina Florez, P.E.</b>   | Years of experience with this employer   | <b>8</b>                            |
| Title  | <b>ITS / Street Lighting / Electrical</b>   | Years of experience with other employer(s)   | <b>15</b>                           |
| Degree(s) / Years / Specialization                       |   | <b>Bachelor of Science / 2001 / Electrical Engineering, Florida International University</b>   |                                     |
| Active registration number / state / expiration date     |   | <b>PE.0038799 / LA / Exp. 9/30/26</b>  |                                     |
| Year registered  | <b>2014 (LA), 2007 (FL)</b>   | Discipline   | <b>P.E./Electrical and Computer</b> |
| Contract role(s) / brief description of responsibilities |   | <b>Senior ITS / Street Lighting Design and Analysis/ Electrical Engineer / Christina will support the ITS Design and Analysis/ Electrical portions of this project During Construction. MPR #6</b> |                                     |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).   |  |                                     |
| <b>23 years of experience</b>                            | <i>Christina has been a senior project manager/electrical engineer on complex ITS projects over the past 23 years. Her experience includes: ITS engineer of record on design-bid-build and design-build projects for multiple DOT clients, integrated corridor management (ICM) planning studies, ITS design and construction support, field inspection and testing, variable-speed-limit (VSL) system design, transportation systems management and operations, systems engineering analyses, incident management system (IMS), and reversible-lane plan development. Her ITS design projects included CCTV, DMS, radar detection, active traffic management, travel time systems, express lanes, communications, and electrical subsystems. Christina has been the Project Manager on various IDIQ and Task Order based contracts in Louisiana and Florida.</i> |  |                                     |
| <b>10/21 – Ongoing</b>                                   | <b>ALDOT, Statewide Regional Traffic Operations Program (RTOP) Program, Statewide, AL   Project Manager.</b> ALDOT’s RTOP will improve traffic flow, safety and travel time reliability through active arterial management strategies along multijurisdictional corridors. Gresham Smith leads a team of consultants and contractors to deliver proactive signal operations and maintenance. As Project Manager, Christina is responsible for leading a team of signal consultants and contractors tasked with elevating the performance of the Birmingham metro-area arterials through active management of signals, maintenance and repair of signal systems and related ITS assets including communications, support for special events and emergencies, data collection and reporting, as well as coordination with ALDOT and local agencies.                 |  |                                     |
| <b>3/20 – Ongoing</b>                                    | <b>TDOT, Traffic Studies, I-24 MOTION Test Bed, Davidson and Rutherford Counties, TN   Lead Technical Advisor.</b> TDOT established a test bed to better understand how vehicle automation and active traffic management impacts real world driving scenarios. Christina designed the communication and power infrastructure for the network. She also helped develop the systems engineering analysis, secured grant funding, designed, and supported the construction of the Test Bed which consisted of 276 cameras that generated 50TB+ of data daily.  |  |                                     |
| <b>1/19 – Ongoing</b>                                    | <b>LADOTD, ITS CEI Retainer, Lake Charles Phase 3 ITS, CEI, Lake Charles, LA   Project Manager.</b> Gresham Smith is providing Construction Engineering Inspection Services, including a Project Engineer, on-site daily/nightly inspection and technical construction inspection, throughout the course of construction. Christina is responsible for oversight of the entire project.   |  |                                     |

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

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| 2017 – 2020  | <b>FDOT D6 - SR 826/Palmetto Expy from E of NW 57th Ave to E of NW 42nd Ave, Miami, FL   <i>Project Manager/ITS EOR</i>.</b> Christina was responsible for project management, ITS design, segment coordination, discipline coordination, and QA/QC. The design included CCTV cameras, DMS, arterial DMS, MVDS, and Ramp Signaling, lightning protection, fiber optic communications network and power distribution system with stand-by generator. Responsibilities – Project Management, ITS Engineer of Record  |
| 2/17 – 10/17 | <b>LADOTD, ITS Design &amp; Implementation WO#7: Signal Communications Upgrade Phase 1 – Systems Engineering Assessment (SEA), Various Locations, LA   <i>Project Manager</i>.</b> The project consists of modifications and upgrades of the existing infrastructure to provide connectivity to various signals. Christina was responsible for project management, ITS technical support, document development, including Concept of Operations and review, ITS regional architecture review and QA/QC.  |
| 9/16 – 9/17  | <b>LADOTD, ITS Design, Integration and System Verification Services, WO#3: ATMS. Now Design and Integration, Statewide, LA   <i>Senior ITS Engineer</i>.</b> Seeking to replace the existing obsolete system with a more unified traffic control system, the LADOTD upgraded to Trafficware's ATMS. Now, a central management system that unified the traffic signal systems statewide and allowed more effective and efficient monitoring and control. Christina's responsibilities included ITS technical support, training oversight and document review.   |
| 10/10 – 8/17 | <b>FDOT D6, ITS Support, Miami, FL   <i>Project Manager</i>.</b> Christina was responsible for coordination, management, and technical support of all engineering services for the on-call contract. The contract included multiple task orders to support FDOT's ITS program, including providing ITS reviews for the SR 826/I-75 Express Lanes, I-75 Segment AB Express Lanes, and I-75 Systems Integrator projects; supporting FDOT's oversight and review of the ITS component plans and specifications of the Port of Miami Tunnel project; updating server room as-builts; and providing support for contract negotiations on various projects, including Okeechobee Road design and Palmetto Express design projects.   |
| 12/15 – 3/17 | <b>Metroplan Orlando - 2016 - 03 ITS Master Plan, Orlando, FL   <i>Project Manager, Senior Engineer</i>.</b> Responsible for the development of the ITS Master Plan that included determination of the ITS Vision, Goals and Objectives, review and documenting the existing conditions, infrastructure and inventory, identifying ITS needs, identifying applicable ITS strategies, review of the regional ITS architecture, development of the Concept of Operations, and prioritization of the ITS Master Plan. Christina's responsibilities included project management, ITS technical support, development of ITS needs, and applicable ITS strategies, and development of concept of operations.   |
| 9/15 – 9/16  | <b>Broward County MPO, Integrated Corridor Management (ICM) Planning Study, Broward County, FL   <i>Project Manager/Senior ITS Engineer</i>.</b> Responsible for the development of project documents, including concept of operations, high level system requirements and implementation plan; coordination with various stakeholders and facilitation of multiple workshops. The project consisted of developing ConOps, a high-level ICM requirements report, and an implementation plan for designing, constructing, integrating, operating, and maintaining the ICM system components with the sole purpose of improving the efficiency of the multimodal transportation system along the I-95 corridor.  |
| 2009 – 2016  | <b>FDOT D6 - Section 5 - SR 826 and SR 836 Interchange Reconstruction Design-Build, Miami-Dade County, FL   <i>Project Manager/ITS EOR</i>.</b> Responsible for systems engineering management documentation, development of the ITS master plan, project design, development of test plans, report preparation and post-design services. The design-build project includes the design, installation and upgrade of ITS components and subsystems, including fiber-optic and wireless communications, 30 CCTV cameras, 41 microwave detectors, six freeway DMSs and 18 arterial DMSs along both SR 826 and SR 836 and two separate power distribution systems. Responsibilities – Project Management, ITS Engineer of Record, Test Plans Development, Master Plan Development, SEA Document Development, Post-Design |

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

| 16. Staff Experience:                                    |  |   |  |
|--|--|---|--|
| Firm employed by <b>Huval and Associates, Inc.</b>       |  |   |  |
| Name   | <b>William Lee Hupperich, P.E.</b>   |   | Years of experience with this firm/employer        |
| Title  | <b>Senior Mechanical Engineer</b>  |   | Years of experience with other firm(s)/employer(s) |
| Degree(s) / Years / Specialization                       |  | <b>Bachelor of Science, 1996, Mechanical Engineering</b>  |  |
| Active registration number / state / expiration date     |  | <b>30451 / LA / 03-31-25</b>                              |  |
| Year registered  | <b>2004</b>  | Discipline  | <b>Mechanical Engineering</b>                      |
| Contract role(s) / brief description of responsibilities |  | <b>Movable Bridge Design / Mechanical Design / MPR #7</b> |  |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).  |   |  |
| <b>25 years of experience</b>                            | <i>He has over 25 years of experience in the design and construction of movable bridge mechanical systems (including architectural, plumbing, HVAC, and wastewater systems). As the Movable Bridge Design Expert at LADOTD, produced plans and specifications of more than 18 complex movable bridge mechanical systems and operator's house related Architectural, plumbing, HVAC, and STP systems for statewide movable bridge projects. Now as Senior Mechanical Engineer at Huval &amp; Associates, continues to provide engineering services for complex movable bridge machinery and operator house mechanical systems in Louisiana and Mississippi, expanding his expertise in the field. Mr. Hupperich is certified as ATSSA Work Zone Traffic Control Flagger and Supervisor.</i> |   |  |
| <b>08/22-Present</b>                                     | <b>St. Mary Swing Span Bridges Repairs – St. Mary Parish, LA; S.P. H.015224</b> – Currently developing plans and specifications for the repairs to three (3) off system swing span bridges in St. Mary Parish: Rizzo, Katy, and Sorrel. This work consists of refurbishing the movable bridge hydraulic power units, hydraulic cylinders, and incorporating new movable traffic barriers.  |   |  |
| <b>02/21 - Present</b>                                   | <b>LA 24 &amp; LA316: Company Canal Bridge; H.001498</b> - Provided construction support services. Overseeing structural steel fabrication and erection, as well as movable bridge machinery fabrication and installation. Ensured the proper coordination and functionality of all mechanical, electrical, and structural systems according to the project's plans and specifications. Responsibilities included project management support, crane placement reviews, form support designs, and attending meetings with LADOTD and James Construction Group.  |   |  |
| <b>06/22 - Present</b>                                   | <b>Buquet Lift Bridge Hurricane Ida Damage Inspection and Repairs</b> Inspection of hurricane Ida damage to the Buquet Lift Bridge in Houma Louisiana and development of a report containing the damage and cost estimates for the respective repairs. Additionally, the bridge was inspected for Consensus Based Codes, Standards and Specifications to meet FEMA policy.   |   |  |
| <b>05/22-Present</b>                                     | <b>New Pontoon Bridge – Valentine Bridge Replacement, Lafourche Parish Government, Lafourche, LA</b> –Designed, detailed, final plans, specifications, calculations, and cost estimates for the mechanical systems including the pontoon winch drive machinery, deflector sheave assemblies, apron machinery, and movable approach span hoist machinery. Currently providing construction engineering related services including shop drawing review, RFI's, shop visits, site visits, and related project management.   |   |  |
| <b>05/21 - Present</b>                                   | <b>New Swing Span- Herman Dupuis RD. Pontoon BR. Replacement, St. Martin, LA, Bridge Recall 200896</b> –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, and movable traffic barriers. Currently providing construction engineering related services including shop drawing review, RFI's, shop visits, site visits, and related project management.  |   |  |
| <b>08/20 - Present</b>                                   | <b>New Vertical Lift- GLPC, Airport Connector Road and Bridge, Lafourche, LA, S.P. H.011915</b> -Designed, detailed, and sealed final plans, specifications, Calculations, and cost estimates for mechanical systems: tower drive machinery, span locks, counterweight ropes, skew control, differential and leveling clutch, air buffers, movable traffic barriers, fixed and expansion shoes, counterweights, guide rollers, access systems and handrailing. Currently providing construction related engineering services including shop drawing review, RFI's, shop visits, site visits, and related project management.   |   |  |

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

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|------------------------|--|
| <b>11/19-06/20</b>     | <b>Larose Lock Structure, Larose, GLPC</b> – Designing and detailing final plans, specifications, and cost estimates for the following: Lock machinery consisting of the winch, reducer, idler, and deflector sheave assemblies; HVAC systems and exhaust fans for facility. Currently the project is at the 95% final plan delivery stage.  |
| <b>03/20 - Present</b> | <b>Double Leaf Bascule Rehabilitation- SR 609 Bridge over Old Fort Bayou, Jackson, MS, BR-9385-00 (017)</b> – Designed and sealed the temporary hydraulic system including: operating cylinders, HPU, piping, and control interface. Produced a calculation package including 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. The hydraulic machinery is currently performing successfully while the bridge rehabilitation work is underway. |
| <b>09/17 – 02/2019</b> | <b>Single Leaf Bascule Rehabilitation – Theriot Bridge, Terrebonne, LA, Parish Project 17-BRG-49</b> - Designed, detailed, and sealed final plans, specifications, Calculations, and cost estimates for mechanical and electrical systems including: trunnion shaft and bearing assembly, winch and cable operating system, span balance calculations, selection of electrical components, sizing conductors, conduit runs, and pull boxes.  |
| <b>03/17 - Present</b> | <b>Vertical Lift Rehabilitation- LA 336-1: Bayou Teche Bridge Rehab (HBI); St. Martin, S.P. H.011485</b> – Performed site inspections and prepared reports containing recommended repair options and costs for DOTD. Designed, detailed, and sealed final plans, specifications, and calculations of the tower drive machinery, pier machinery and the movable traffic barrier. Currently performing construction related engineering services including shop drawing review, RFI's, shop visits, site visits, and related project management is currently being provided.   |
| <b>06/13 - 04/19</b>   | <b>Vertical Lift Rehabilitation- LA 58: Bayou Petit Caillou (HBI), Terrebonne, LA, S.P. H.010006</b> – Performed site inspections and prepared reports containing recommended repair options and costs for DOTD. Designed, detailed, and sealed final rehabilitation 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 and STP.   |
| <b>08/22-Present</b>   | <b>St. Mary Swing Span Bridges Repairs – St. Mary Parish, LA; S.P. H.015224</b> – Currently developing plans and specifications for the repairs to three (3) off system swing span bridges in St. Mary Parish: Rizzo, Katy, and Sorrel. This work consists of refurbishing the movable bridge hydraulic power units, hydraulic cylinders, and incorporating new movable traffic barriers.  |

**16. Staff Experience:**

|  |  |            |   |   |
|--|--|------------|---|---|
| Firm employed by <b>ECM Consultants, Inc.</b>            |  |            |   |   |
| Name   | Zachary Collier, P.E.  |            | Years of relevant experience with this employer   | 5 |
| Title  | Project Engineer   |            | Years of relevant experience with other employer(s)                                       | 5 |
| Degree(s) / Years / Specialization                       |  |            | B.S./2014/Civil Engineering   |   |
| Active registration number / state / expiration date     |  |            | #42957/LA/ 3/31/2025  |   |
| Year registered  | 2018   | Discipline | Civil Engineering   |   |
| Contract role(s) / brief description of responsibilities |  |            | Mr. Collier will serve as Assistant Project Engineer for Roads for this contract. MPR #4. |   |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).  |            |   |   |
| 10 years of experience                                   | Mr. Collier has about 10 years of experience working on construction engineering and inspection projects. He worked for LADOTD for about 5 years In Concrete Research and the 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 is certified ATSSA Work Zone Traffic Control Flagger and Supervisor and a NHI Certified Bridge Inspector.   |            |   |   |
| 10/21-Ongoing  | Belle Chasse Bridge and Tunnel Replacement, P3, Design-Build Project, Plaquemines Parish, LA, LADOTD, S.P. No. H.004791.6: Mr. Collier is serving as Project Engineer 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. |            |   |   |
| 07/20-7/24   | S.P. No. H.011752.6, Severn Avenue Reconstruction: Veterans to W. Esplanade, Jefferson Parish, LA: Mr. Collier served as the Project Engineer for this \$14.2 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 provided CE&I services that includes project coordination, managing inspection services, data entry in SiteManager, managed RFIs and submittals, reviewed monthly pay estimates, and kept concise record of all documents in chronological order so that project closeout documentation could be completed timely for final acceptance. He is also coordinated with DOTD, Parish, business owners, and utility entities.  |            |   |   |
| 05/19-12/22  | S.P. No. H.013579 Pecue Lane/I-10 Interchange Phase II: Bridges Over I-10, East Baton Rouge Parish, LA: Mr. Collier served 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 provided contract administration services that included project coordination, attending progress meetings, document management, data entry in SiteManager, managing RFIs and submittals, reviewing plan change requests, reviewing monthly pay estimates, preparing plan changes, and preparing and approving final materials audit.   |            |   |   |
| 06/19-12/22  | S.P. No. H.013114 Southern University Erosion/Road Improvement, East Baton Rouge Parish, LA: Mr. Collier served as the Project Engineer for this \$4.9 million drainage improvement, slope stabilization, and road rehabilitation project. The project consisted of the removal of an existing slab span bridge and replacement with pre-cast box culvert units as well as additional drainage improvements. The project also featured slope stabilization   |            |   |   |

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|             | using a soil nail wall and road reconstruction due to a recent slide. He provided contract administration services that included project coordination, attending progress meetings, document management, data entry in SiteManager, managing RFIs and submittals, reviewing plan change requests, reviewing monthly pay estimates, preparing plan changes, preparing and approving final materials audit, and preparing final closeout.   |
| 09/19-5/20  | <b>S.P. No. H.010109 Raceland and Bayou Blue Sidewalks, Lafourche Parish, LA:</b> Mr. Collier served as Project Engineer for this <b>\$1.05 M</b> sidewalk and drainage project that included nearly 3000 feet of new drainage and 2 miles of sidewalks which included ADA compliant pedestrian facilities. Work on this project included installation of new sidewalks, driveways, and handicapped curb ramps along LA 308 and LA 316 to connect the surrounding neighborhoods with Bayou Blue Middle, Bayou Blue Elementary, and Raceland Middle Schools. The project also included installation of new drainage pipes and structures, conversion of existing drainage ditches to underground drainage, and re-seeding of the affected areas along LA 316. ECM's Construction Engineering and inspection (CE&I) duties included evaluating the quality of work performed by the contractor, subcontractors, and suppliers, providing daily written reports on the progress of the construction, tracking and verifying quantities for pay items, and monthly construction estimates, including processing and verification. |
| 04/19-11/19 | <b>S.P. No. H.012479 – Audubon Avenue and Ardoyne Drive, Mini-Roundabout, Lafourche Parish, LA:</b> Mr. Collier served as <b>Project Engineer</b> and provided CE&I services for this <b>\$280K</b> roundabout project which is part LA DOTD Safe Routes to School Program. Work on this project included installation of a new roundabout on the Nicholls State University campus including sidewalks and handicapped curb ramps to connect the nearby apartments and park to the campus with safe pedestrian facilities. ECM's Construction Engineering and inspection (CE&I) duties included daily evaluation of the quality of work performed by the contractor, subcontractors, and suppliers, providing daily written reports on the progress of the construction using LADOTD SiteManager system, tracking and verifying installed material quantities, and performing final closeout.   |
| 10/17–10/18 | <b>S.P. No. H.010560.6, Essen Lane Widening, LADOTD, East Baton Rouge Parish, LA:</b> Mr. Collier served as the Assistant Project Engineer for this <b>\$8 million roadway</b> 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. He provided <b>contract administration</b> support that included project coordination, managing inspection services, data entry in <b>SiteManager</b> , managing RFIs and submittals, preparing change orders, review monthly pay estimates, and keep concise record of all documents in chronological order.   |
| 10/17–10/18 | <b>S.P. No. H.011295 – Government Street Rehabilitation, East Baton Rouge Parish, LA:</b> Mr. Collier served as the Assistant Project Engineer for this <b>\$12 million</b> project which consists of rehabilitating the sidewalks, driveways, and pavement on Government Street to add a bike lane and to create a more pedestrian friendly facility. This project also includes a roundabout at Government Streets intersection with Lobdell Avenue. He provided <b>contract administration</b> support that included project coordination, managing inspection services, data entry in <b>SiteManager</b> , managing RFIs and submittals, preparing change orders, review monthly pay estimates, and keep concise record of all documents in chronological order.  |
| 2/18–5/18   | <b>S.P. No. H.012912 - I-110 Ramps at Convention and Florida, LADOTD, East Baton Rouge Parish, LA: As DOTD Asst. Project Engineer,</b> Mr. Collier was responsible for the <b>construction administration</b> of this <b>\$150k</b> project that involved widening and rehabilitating the I-110 northbound <b>exit ramp</b> at Convention Street and the I-110 southbound <b>entrance ramp</b> at Florida Street. He held pre-construction as well as construction progress meetings, and was responsible for supervising inspectors; review, managing and maintaining submittals, RFIs and submittals, test reports, daily inspection reports, and other project documents. During site visits, he observed contractor's work activities for compliance with plans and specifications and reviewed and entered contractor's pay requests in SiteManager.   |

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**16. Staff Experience:**

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| Firm employed by <b>ECM Consultants, Inc.</b>            |   |   |   |
| Name   | John Foley, III, P.E.   |   | Years of relevant experience with this employer     |
| Title  | Civil Engineer  |   | Years of relevant experience with other employer(s) |
| Degree(s) / Years / Specialization                       |   | B.S. / 2014 / Civil Engineering   |   |
| Active registration number / state / expiration date     |   | 42740 / LA / Exp. 03/31/2025  |   |
| Year registered  | 2018  | Discipline  | Civil Engineering                                   |
| Contract role(s) / brief description of responsibilities |   | Mr. Foley will serve as Assistant Project Engineer/ Assistant Resident Engineer for Road construction. <b>MPR #4.</b> |   |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).   |   |   |
| <b>10 years of experience</b>                            | <i>Mr. Foley is a Civil Engineer with 10 years of experience designing public works projects including feasibility studies, environmental assessments, roadway, drainage, water and sewer systems improvements design and Construction administration of several roadways, drainage and utilities construction projects. He has certifications in ATSSA Traffic Control Flagger and Supervisor.</i>   |   |   |
| 01/20 – 4/23   | <b>Program Management for 2017 Jefferson Parish Road Bond Project, Jefferson Parish, LA:</b> Mr. Foley performed review of consultant's plans, specifications and cost estimates and performed site visits during construction to ascertain construction is performed in accordance with requirements of plans and specification. This project currently has <b>\$208 M of construction projects</b> and includes the design and construction of <b>roadways, bridges</b> , utilities and pedestrian bike paths and bridges.  |   |   |
| 06/20 – 8/22   | <b>MOVEBR Roadway Enhancement Program, Parish wide Synchronization and Communication Traffic Signal Connection and Communications, Phases 2 and 3, Parish of East Baton Rouge, LA:</b> Under the <b>\$330 Million MOVEBR Roadway Enhancement Program</b> , he provided engineering design services for this <b>\$8 Million</b> project involving installation of over 100 miles of fiber optic lines within streets ROW for connecting to signals scattered all over the Parish, ECM as subconsultant to Stantec. He visited sites with city utility maps for field investigations to determine approximate location of all existing utilities within the ROWs and to locate best alignments for fiber optic lines to avoid conflicts with other utilities during installation. He prepared plans and specifications conforming to City of Baton Rouge design standard.   |   |   |
| 08/19 – Ongoing  | <b>Transit Improvement Design for District 3, Jefferson Parish, LA:</b> Mr. Foley serves as Project Engineer for design and <b>construction administration</b> for improvements to 317 bus stops within Council District 3 for Jefferson Parish. Scope of work includes preparing detailed construction plans and technical specifications with the latest LA DOTD and Jefferson parish criteria. He prepared plans that included locations of all utilities affected by proposed construction, improvements to the bus stops and adjacent intersections. Improvements included enhancements for accessibility, safety and features needed to achieve ADA compliance. Work also includes required sidewalks, ADA ramps, crosswalks, signage, striping, boarding and alighting areas, benches, and shelters. He is performing all construction administration which includes contract administration, leading construction meetings, managing the resident inspector, reviewing contractor submittals, verifying contractor invoices, responding to requests for information (RFIs), performing independent cost estimates, preparing field change authorizations, preparing change orders, approves contractor's prep work prior to pouring concrete, and coordinates with bench/shelter vendor and the Parish. |   |   |

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| 02/20 – 4/24  | <b>RR3-City Park Group A, City of New Orleans – DPW New Orleans, LA:</b> Mr. Foley served as <b>Project Engineer performed construction administration</b> for this project that involved complete reconstruction of 62 blocks of neighborhood residential <b>roadways including subsurface drainage systems</b> , and replacement of water and sewer systems as required. Work includes asphalt paving, PCC paving, new base, concrete curb, sidewalks, driveway aprons and ADA compliant ramps at roadway intersection. He performed all construction administration leading construction meetings, reviewing contractor submittals, verifying contractor invoices, responding to requests for information (RFIs), performing independent cost estimates, preparing field change authorizations, and preparing change orders. |
| 08/19 – 10/21 | <b>West Bank Group B Street Improvements, City of New Orleans, LA.</b> Mr. Foley provided engineering services for preliminary and final design plans for a designated list of streets to be enhanced in the West Bank regional area of New Orleans. The primary enhancements will include mill and overlay with full depth patching; other incidental road repairs will be required in certain sections of the project area.   |
| 04/14 – 06/15 | <b>West Metairie Avenue Restoration, Jefferson Parish, LA.</b> Mr. Foley provided condition assessment, design, and construction documentation for the replacement of <b>failed concrete panels, drainage structure repairs</b> , and canal banks slope stabilization. Project Designer responsible for designing plans and calculating quantities.   |
| 10/17 – 07/19 | <b>Harrison Avenue Improvements, St. Tammany Parish, Covington, LA.</b> Mr. Foley was a part of the project team conducting a feasibility study and subsequent design and <b>construction administration</b> of recommended improvements. Staff evaluated two proposed alternates for the reconstruction of Harrison Avenue and provided design services for a two-lane roadway with raised median, sidewalks, and subsurface drainage. Project Designer responsible for designing line and grade sheets.   |
| 01/17 – 07/19 | <b>Spartan Drive Shared-Use Path, City of Slidell, LA.</b> Mr. Foley was a project engineer for the design of a shared-use path in Slidell, LA to be used by pedestrians and bicycles traveling between Salem High School and Fritchie Park. The path requires two large drainage structures. Design is in accordance with LADOTD specifications and provides construction management services. As a Project Designer he was responsible for design and plan preparation.   |
| 01/14 – 12/14 | <b>Highland-Burbank Connector, City of Baton Rouge/Parish of East Baton Rouge, LA.</b> Mr. Foley was a project engineer for a detailed planning study and design of two alternatives for a <b>new three-lane highway</b> connecting Highland Road and Burbank Drive in Baton Rouge. He was responsible for the preparation of design study report.  |
| 06/14 – 07/15 | <b>US 61 Corridor Improvements, St. John the Baptist Parish, LaPlace, LA:</b> Mr. Foley served as Project Designer and prepared preliminary and final plans, <b>right-of-way plans</b> , and special details for improvements along the <b>US 61 Corridor</b> in Laplace in St. John the Baptist Parish.  |
| 07/17 – 06/19 | <b>LA 931 at Roddy Road Roundabout, Ascension Parish, Gonzales, LA.</b> Mr. Foley provided design services for a <b>single-lane asphalt roundabout</b> at the intersection of LA 931 and Roddy Road in Gonzales, LA. Services included preparing a roundabout report (crash analysis, cost-benefit analysis, traffic analysis, speed study, safety analysis), , <b>subsurface drainage</b> , preliminary and final design plans, specifications, special provisions, construction estimates, and engineering calculations. The design complied with state and federal guidelines. As project engineer, he performed design of <b>roadway geometry</b> , prepared plan and profile and typical sections for preliminary design plans and roundabout report.  |

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## 16. Staff Experience

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|--|--|---|-------------------------------------|
| Firm employed by   | <b>Volkert, Inc.</b>   |   |                                     |
| Name   | <b>Cory Davis, PE</b>  | Years of relevant experience with this employer     | <b>10</b>                           |
| Title  | <b>Project Engineer / Construction Engineer</b>  | Years of relevant experience with other employer(s) | <b>2</b>                            |
| Degree(s) / Years / Specialization                       |  | <b>B.S. / 2014 / Civil Engineering</b>              |                                     |
| Active registration number / state / expiration date     |  | <b>32752 / Louisiana / 09-30-2026</b>               |                                     |
| Year registered  | <b>2022</b>  | Discipline  | <b>Professional Engineer, Civil</b> |
| Contract role(s) / brief description of responsibilities |  | Role on this Project: <b>Engineer</b>               |                                     |
| Experience dates<br>(mm/yy–mm/yy)                        | Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).  |   |                                     |
| <b>12 years of experience</b>                            | <i>Mr. Davis joined Volkert in 2015 and serves as Construction Inspector Assistant Project Engineer responsible for managing and updating Site Manager data for LADOTD bridge and roadway projects for Louisiana based roadway and bridge projects. Mr. Davis has more than 5 years of entering data into DOTD’s Site Manager system. This includes data for daily reports, scanning documents into the construction document, upload files, LIMS data and Site Manager Materials. Certifications: <b>LA DOTD Asphalt Paving Inspector/Technician, LA DOTD Asphalt Concrete Paving Inspector, LA DOTD Structural Concrete Inspector, ATSSA Traffic Control Supervisor, ATSSA Flagger, CPTP SCS Cybersecurity WBT.</b></i>  |   |                                     |
| <b>09/2019 – 09/2021</b>                                 | <b>I-10 Highland Road to LA 73 Design-Build: East Baton Rouge and Ascension Parishes, LA (LA DOTD)</b>   Mr. Davis served as the Internal QC Auditor for Volkert on Task Order 4 which allows Volkert to provide project oversight and acceptance for both design and construction for the I-10 Design-Build project from Highland Road in East Baton Rouge Parish to LA 73 in Ascension Parish. Volkert’s Baton Rouge office was responsible for all project oversight for the Design and Construction on this \$72M Design-Build project. This project consisted of upgrading a portion of I-10 in East Baton Rouge and Ascension Parishes to a six-lane controlled access facility including construction of a new six-lane I-10 overpass at Highland Road.   State Contract No. 4400004915 TO 4, S.P. No. H.009250   |   |                                     |
| <b>02/2020 -Ongoing</b>                                  | <b>LA 23: Belle Chasse Bridge and Tunnel (HBI) Improvements, Plaquemines Parish (LADOTD)</b>   Mr. Davis is serving as Construction Inspector for the Owner Verification Team on the Belle Chasse Bridge and Tunnel Improvements. Volkert will be responsible for providing all Engineering Design and Construction Support services including implementation of the Construction Quality Assurance Plan for the Belle Chasse Bridge & Tunnel Public Private Partnership (P3) Project which provides for the replacement of the Belle Chasse Tunnel and Judge Perez Lift Bridge with a new toll bridge. This includes the development of construction plans, bridge replacement plans, decommissioning of the Tunnel and development of O&M plans. As the OVT, Volkert will provide guidance and support to the LADOTD Project Manager prior to and during reviews, develop review comments, attend project meetings, ensure that the P3 adheres to their contract, and address other assignments as directed. Mr. Davis is serving as assistant Project Engineer   S.P. No. H. 004791.6 |   |                                     |

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| 05/2017 – 03/2020 | <b>I-10 Widening (I-49 TO LA 328): Lafayette Parish, LA (LA DOTD)</b>   Volkert provided construction engineering and inspection (CE&I) services to Gulf Engineers and Consultants (GEC) for the widening and reconstruction of I-10 from the I-49 interchange in Lafayette Parish, Louisiana to the LA 328 overpass in St. Martin Parish, Louisiana. The project was a total reconstruction and widening of 6.6 miles of roadway and 0.5 miles of bridge. The existing concrete roadway was removed and replaced with over 300,000 tons of asphalt. Mr. Davis is Construction Inspector and Project Administrator.   S.P. No. H.003003  |
| 06/2017 -09/2020  | <b>I-10 Widening (LA 347 to Atchafalaya Floodway Bridge): Lafayette Parish, LA (LA DOTD)</b>   Volkert provided construction engineering and inspection (CE&I) services to Gulf Engineers and Consultants (GEC) for the widening and reconstruction of I-10 from the LA 347 overpass to the Atchafalaya Floodway Bridge in St. Martin parish, Louisiana. The project total reconstruction and widening of 3.2 miles of roadway (only widening – very minimal stretch of east bound) and .2 miles of bridge (only widening west bound bridges). The existing concrete roadway will be removed and replaced with over 100,000 tons of asphalt. Mr. Davis is Construction Inspector and Project Administrator   S.P. No. H.003014     |
| 03/2015 – 07/2017 | <b>I-10 French Branch Bridge – West Pearl River Bridge, Routes I-10, I-12, I-59: St. Tammany Parish, Louisiana for The Louisiana Department of Transportation and Development (DOTD).</b> Mr. Davis served as construction inspector. Volkert provided construction contract administration and construction engineering and inspection (CEI) services for the clearing and grubbing, grading, drainage structures, cold planing asphaltic concrete, Class II Base Course, Superpave asphaltic concrete pavement, Portland Cement Concrete Pavement, lime treatment, and related work located at the junction of Routes I-10, I-12, and I-59. The project length was 10.736 miles. Mr. Davis served as inspector for this project. |

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| 16. Staff Experience:                                    |   |   |  |
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| Firm employed by <b>ECM Consultants, Inc.</b>            |   |   |  |
| Name   | Neil Logan, P.E.  |   | Years of experience with this firm/employer        |
| Title  | Senior Bridge Engineer  |   | Years of experience with other firm(s)/employer(s) |
| Degree(s) / Years / Specialization                       |   | B.S. / 1961 / Civil Engineering   |  |
| Active registration number / state / expiration date     |   | 14607 / LA / 03/31/2025   |  |
| Year registered  | 1974  | Discipline  | Civil Engineering                                  |
| Contract role(s) / brief description of responsibilities |   | Mr. Logan will serve as Assistant Project/ Assistant Resident Engineer for Bridge Construction projects. He meets MPR No. 5 |  |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).   |   |  |
| 54 years of Experience                                   | Mr. Logan has over 54 years of experience in structural design and construction administration of various types of bridge projects in Louisiana.  |   |  |
| 06/09-09/12  | USACE Contract No. W912P8-07-D-0055: Causeway Boulevard Overpass Complex, USACE-New Orleans District, Jefferson Parish, LA: Mr. Logan provided structural design services and engineering during construction for the North and South approaches for the overpass structure at Causeway Boulevard in Jefferson Parish for the U.S. Army Corps of Engineers. Work included design of approach slab, slab spans, piles and pile caps. Structural design was conducted using AASHTO Standard Specifications for Highway and Bridges.   |   |  |
| 05/10-10/13  | USACE Contract No. W912P8-07-D-0055: Duncan Canal Bridges, Kenner, LA: As senior structural engineer for this U.S. Army Corps of Engineers-New Orleans District Project, Mr. Logan designed two bridges north of the Duncan Canal Pumping Station as per AASHTO standards. Services included design and preparation of plans and specifications and engineering during construction. Design included piles, pile caps, pre-stressed concrete girders, concrete slab, concrete barrier, and wing walls. An innovative design of a 45' pre-stressed concrete girder span removable section instead of conventional steel section was used. A removable section was required for barge/barge crane access to the drainage pumping station. |   |  |
| 11/16 -8/18  | West Metairie Bridge, Jefferson Parish, LA: Mr. Logan provided structural engineering services for this bridge replacement project. Scope of work for included preparation of construction documents, plans and specifications, for replacement of existing bridge on West Metairie Ave over Soniat Canal. The work included demolition of the existing bridge, design of 100 feet cast in place bridge with Quad Prestressed Concrete Beams, design of approach slabs and erosion protection as necessary. The analysis and design of the bridge is performed in conformance with the AASHTO LRFD Bridge Design Standards as well as the requirements of Louisiana LRFD Bridge Design Manual, Latest edition.                          |   |  |

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| <b>08/03-06/04</b> | <b>S.P. No. 700-29-0121: St. John Bridge over Bayou Lafourche, Lafourche Parish, LA:</b> Mr. Logan provided structural engineering services during construction for the replacement of an existing bridge with a 9x20' slab span bridge. The project involved hydraulic analysis; design; preparation of plans, specifications, and estimates (PS&E) for the removal of existing bridge; new pile foundation substructure; bridge superstructure; concrete barrier rails; asphalt roadway transition; striping; ripraps; and guardrail.                     |
| <b>04/02-11/04</b> | <b>S.P. Nos. 713-59-0221 &amp; 713-59-0222: Poplas Street Bridge over Coburn Creek &amp; Noble Cemetery Road Bridge over Thomas Creek, Washington Parish, LA:</b> Mr. Logan provided structural engineering design for pile foundation substructures for five span x 20' slab bridges conforming to both LADOTD and AASHTO standards for the Poplas Street Bridge over Coburn Creek and Noble Cemetery Road Bridge over Thomas Creek in Washington Parish for LADOTD. Additionally, Mr. Logan provided structural engineering services during construction. |
| <b>01/01-10/02</b> | <b>S.P. No. 700-52-1029: Off-System Bridge Replacement-Fitzgerald Church Road Bridge, St. Tammany Parish, LA:</b> Mr. Logan served as structural engineer for the bridge design and preparation of plans and specifications that included removal of the existing bridge, precast piles, cast-in-place concrete pile caps, cast-in-place bridge deck, concrete barrier rails, concrete approach slabs at bridge ends, asphaltic concrete roadway transitions, and guardrails.   |
| <b>03/77-12/77</b> | <b>Design for Lafayette-Opelousas Highway Bridges, LA:</b> Mr. Logan provided structural engineering services for several concrete-prestressed concrete bridges on the Lafayette-Opelousas Highway including: LA 182 Overpass Bridge, LA 726 Overpass Bridge, LA-U.S. 167 Overpass Bridge, and Bayou Carencro Bridge on the Lafayette-Opelousas Highway, all conforming to AASHTO standards.  |
| <b>02/95-11/95</b> | <b>Design for Harrison County Bridges, MS:</b> Mr. Logan provided structural engineering services for several concrete bridges in Harrison County, Mississippi including "Bridge A" over Branch Dedeaux Road, and "Bridge B" over Flat Branch Dedeaux Road.   |
| <b>01/92-10/92</b> | <b>Crossing over River Road, St. Charles Parish, LA:</b> Mr. Logan provided structural engineering services and performed preliminary design of a pre-stressed concrete girder bridge crossing river Road in St. Charles Parish according to LA DOTD standards.   |
| <b>04/94-09/94</b> | <b>Structural Investigation of a Railroad Swing Bridge over Bayou Lacombe, St. Tammany Parish, LA:</b> Mr. Logan performed structural inspection and investigation of the bridge and prepared a condition report with necessary repair upgrade recommendations.   |

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



| 16. Staff Experience:                                    |  |  |  |
|--|--|--|--|
| Firm employed by <b>Huval &amp; Associates, Inc</b>      |  |  |  |
| Name   | Justin Peltier, P.E.   |  | Years of experience with this firm/employer        |
| Title  | Civil Engineer   |  | Years of experience with other firm(s)/employer(s) |
| Degree(s) / Years / Specialization                       |  | BS/2005/ Civil Engineering   |  |
| Active registration number / state / expiration date     |  | 34765/LA/Exp. 09/30/2025   |  |
| Year registered  | 2009   | Discipline   | Civil Engineering                                  |
| Contract role(s) / brief description of responsibilities |  | Civil Engineer for Bridge Construction (Fixed Bridges). He will provide engineering support as Assistant Project engineer. MPR #5. |  |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).  |  |  |
| 16 years of experience                                   | <p><i>Mr. Peltier joined Huval &amp; Associates in 2013 with 8 years of experience in civil engineering. Previously employed with LADOTD, he was involved with the design, live load rating, plan development, and construction support of more than 20 bridge replacement projects. These consisted of various superstructure and substructure types including but not limited to: AASHTO girders, quad beams, cast-in-place slab spans, precast slab spans, steel girders, concrete box culverts, prestressed precast concrete pile bents, steel H-pile and pipe pile bents, timber pile bents and column bents supported by drilled shafts and/or pile footings. Mr. Peltier assisted in developing and maintaining LADOTD's highway safety hardware details and specifications, including but not limited to guard rail, barrier rail, and crash cushion attenuators. He served as the Engineer of Record for the LADOTD concrete barrier rail and the detour bridge special details. Mr. Peltier's training includes the NHI LRFR for Highway Bridge Superstructure Course, the NHI AASHTO LRFD for Highway Bridge Superstructure Course, the NHI AASHTO LRFD for Highway Bridge Substructure Course, and the Roadside Design Course.</i></p> |  |  |
| 09/20-Present  | <p><b>I-10: LA 415 To Essen Lane on I-10 and I-12 CMAR – S.P. H.004100</b> – Lead bridge engineer and overall Structures Team lead/manager for this \$1 billion project to widen I-10 in the heavily congested section through Baton Rouge. This very complex project will replace existing bridges in the urban area within an extremely constrained right of way while maintaining the existing traffic flow on I-10 through the construction zone. Roles include bridge design, plan development, load rating, structure rehabilitation, alternative bridge concepts development, construction sequencing, contractor style cost estimates, managing the bridge and structural design and plan production process, leading bi-weekly structures task force meetings, and implementing the bridge design QC/QA process.</p>  |  |  |
| 09/17-Present  | <p><b>Kansas Lane-Garrett Road Connector and I-20 Improvements, Ouachita Parish, S.P. No. H.007300.</b> Bridge design manager and lead bridge design and load rating engineer for a new Garrett Road bridge over I-20 and a new Garrett Road to Kansas Lane connector structures which spans over the KCS RR right-of-way. The Garrett Road structure consists of an LG-36 p.p.c. girder superstructure supported by column bents and pile footings. The Garrett Road to Kansas Lane connector structure consists of LG-36 p.p.c. girder approach spans with a 3-span continuous plate girder superstructure over the KCS railroad right-of-way and is supported by column bents and pile footings. Also responsible for the design of a new median barrier and bridge pier protection systems to accommodate the inside widening of I-20 and raising the Nutland Road Overpass bridge to increase the vertical clearance above I-20 once the inside widening is complete.</p>   |  |  |
| 09/19-Present  | <p><b>Airport Connector Road and Bridge, Lafourche Parish, S.P. No. H.011915.</b> Served as the lead bridge design and load rating engineer for a new lift span movable bridge over Bayou Lafourche in Galliano, LA. The bridge required a minimum horizontal and vertical clearance of 70ft and 73ft and a clear roadway width of 42ft with 5ft sidewalks on each side. The project presented unique challenges in that the horizontal clearance is skewed with respect to the bridge alignment and the mean high-water level is approximately 1ft below the existing ground at LA 1 and LA 308. The design included steel lifting girders, steel floor beams and stringers, concrete towers, footings, piers and machinery decks. The design was performed in accordance</p>   |  |  |

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

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|                | with the AASHTO LRFD Movable Bridge Design Specifications the LADOTD BDEM. Also responsible for the design of the concrete approach slab spans.  |
| 07/17-08/20    | <b>I-10: Highland Road to LA 73, Design Build Project, East Baton Rouge &amp; Ascension Parish, S.P. No. H.009250.</b> Served as the lead bridge and load rating engineer for the widening of the I-10 E.B. and W.B. slab span bridges over Manchac Bayou and provided Q.C. for the replacement of the I-10 E.B. and W.B. bridges over Highland Road with a new steel plate girder bridge with p.p.c girder approach spans. The existing I-10 mainline bridge at the Highland Road interchange needed to be reconstructed under the project to provide longer spans in addition to more lanes. An innovative sequence of construction scheme and bridge design enabled construction of this bridge while maintaining 74,000 ADT traffic. Huval's cost-effective designs enabled its design-build team to be the only competitor to fit within the Owner's budget of \$72 million.  |
| 03/19-4/2023   | <b>I-220/I-20 Interchange IMP &amp; Barksdale Access Design-Build Project, Bossier Parish, LA DOTD S.P. No. H.003370.</b> Bridge design manager and lead bridge design and load rating engineer for the I-220 bridges over I-20 and Barksdale Access Road bridges over the KCS Railroad and also responsible for implementing the QC/QA plan for the bridge design and plan development process. The I-220 structures over I-20 consist of twin bridges utilizing LG-54 p.p.c. girder spans supported by concrete column bents and drilled shafts. The Barksdale Access Road structures consist of twin bridges utilizing LG-54 p.p.c. girder approach spans supported by concrete pile bents and a main span over the KCS Railroad consisting of 170'-0", LG-78 p.p.c. girders supported by concrete column bents and drilled shafts. Some unique challenges that the project has presented is designing applicable I-220 bridge column bents for vehicular collision and completely spanning the KCS own right-of-way utilizing concrete p.p.c. girders. |
| 04/18 -Present | <b>I-49 South at Verot School Road, Lafayette, LA, S.P. H.011235.</b> Bridge design manager and lead bridge engineer to provide preliminary and final engineering and related services to construct 2.4 miles of mainline freeway and an interchange at the intersection of I-49 South/US 90 and Verot School Road. The project consists of an above grade bridge structure on Verot School Road that traverses over the I-49 South/US 90 mainline roadway over and parallel to the BNSF RR. The project also includes one-way frontage roads on both sides of the mainline roadway, a two-way collector service road east of the mainline roadway, and a new alignment of Verot School Road from the interchange to an existing bridge structure approximately 600' west of its intersection with LA 182 (Pinhook Road).  |
| 06/14-04/19    | <b>US 90 (I-49South), Albertson's Parkway to Ambassador Caffery, Design-Build Project, Lafayette Parish, S.P. No. H.010620.</b> Bridge design manager and lead bridge design for the new US 90 bridge over Albertson Parkway and provided Q.C. for the US 90 BNSF RR overpass bridge within the same footprint as the existing bridge while maintaining 4-lanes of US 90 traffic during construction. This presented unique design challenges and required a complex, three-phase, traffic control and construction sequencing plan to move traffic safely through the tight work zone. The bridges consisted of multi-continuous p.p.c. girders spans supported by concrete column bents and pile footings. The developed design concept saved millions of dollars and allowed the James Team to be 15% below the construction estimate of the nearest competitor.  |
| 09/20-Present  | <b>I-10: LA 415 To Essen Lane on I-10 and I-12 CMAR – S.P. H.004100 –</b> Lead bridge engineer and overall Structures Team lead/manager for this \$1 billion project to widen I-10 in the heavily congested section through Baton Rouge. This very complex project will replace existing bridges in the urban area within an extremely constrained right of way while maintaining the existing traffic flow on I-10 through the construction zone. Roles include bridge design, plan development, load rating, structure rehabilitation, alternative bridge concepts development, construction sequencing, contractor style cost estimates, managing the bridge and structural design and plan production process, leading bi-weekly structures task force meetings, and implementing the bridge design QC/QA process.   |

**16. Staff Experience:**

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| Firm employed by <b>ECM Consultants, Inc.</b>            |   |            |   |     |
| Name   | Matthew Mire, P.E.  |            | Years of relevant experience with this employer                                     | 3.5 |
| Title  | Civil Engineer  |            | Years of relevant experience with other employer(s)                                 | 2   |
| Degree(s) / Years / Specialization                       |   |            | B.S./2020/Civil Engineering   |     |
| Active registration number / state / expiration date     |   |            | #49176 /Louisiana/Exp. 3-31-25  |     |
| Year registered  | 2024  | Discipline | Civil Engineering   |     |
| Contract role(s) / brief description of responsibilities |   |            | Mr. Mire will serve as Assistance Project Engineer for Bridge Construction Projects |     |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).   |            |   |     |
| 5 years of experience                                    | Mr. Mire has over 5 years of experience as an engineering intern and as summertime construction field technician intern from 2016 to 2019. After graduation, Matthew joined Modjeski and master's as Intern and provided field engineering services for various construction projects and prepared sketches for a number of in-services bridge inspections. In ECM, he is providing construction inspection services for several roadway reconstruction and a major elevated roadway project. He is ATSSA Traffic Control Supervisor and Flagger  |            |   |     |
| 12/2021-Ongoing  | H.008145.6 – LA 1: Leeville to Golden Meadow (Phase 2) - \$463 million Construction Cost. This is an 8.63-Mile-long fixed concrete bridge, constructed over the marshlands between the town of Leeville, LA and Golden Meadow, LA. Due to environmental concerns, the bridge needs to be constructed with no direct contact with the marshlands, with the exception of temporary steel support piles and the bridge's permanent concrete support pilings. The project is to be constructed by “Top-Down” method of construction where a moveable temporary steel support bridge is built and occupied by the Contractor's construction equipment, while the permanent concrete bridge is built below. The temporary steel support bridge will be approximately 2,000 feet in length and will be advanced forward as the concrete bridge is built below. Construction involves building the temporary steel support bridge to support all construction equipment; permanent concrete pile driving; installation of precast concrete pile caps; installation of precast concrete girders; pouring of concrete decks and concrete barrier rails. ECM Consultants, Inc., is responsible for all the CE&I Service for this project. Mr. Mire is overseeing material testing and sampling program, Quality Assurance of the project, tracking materials and quantities installed, and processing pay apps through SiteManager. His responsibilities also includes review of daily reports prepared by the inspectors. Help lead staff of inspectors/field technicians. Manage project documentation as required. Assist Project Engineer as required for the project. |            |   |     |
| 03/2020-9/2020   | Canadian National Bridge Replacement, Bonnet Carre Spillway: Mr. Mire was an on-site field engineer/quality assurance inspector for the \$60 million bridge replacement project for Canadian National near Laplace, Louisiana. The project consisted of installing a double voided concrete box girder bridge supported by reinforced concrete piles approximately 2.5 miles long in order to replace the adjacent existing timber bridge. Mr. Mire collected field data such as pile driving logs and grout cube compressive strength test, tracked quantity of material installed, and recorded daily construction activities in the Daily Work Report. (DWR)   |            |   |     |
| 18/2021-11/2021  | South Central Florida Express System Wide Bridge Inspection, Clewiston, Florida: Mr. Mire performed a quality assessment inspection identifying defects for 34 bridges for SCFE RR near Clewiston Florida and the surrounding area. The inspection provided the client with the current condition of the bridges and highlighted areas for repair.  |            |   |     |
| 10/2020 – 8/2021   | Kansas City Southern Structural Steel Repairs: Shreveport, LA and Cason, TX Mr. Mire was an on-site field engineer/quality assurance inspector for repairs of three orthotropic bridges for KCS located in Shreveport, LA and Cason, TX. The project consisted of installing bolted reinforcement plates, welding, and replacement of bearings at various locations where cracks and corrosion were present. Mr. Mire prepared daily reports and tracked quantity of material installed to verify the contractor installed welds and reinforcement plates at the appropriate locations.   |            |   |     |

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

**16. Staff Experience:**

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| Firm employed by <b>Gresham Smith</b>                    |  |   |  |
| Name   | Julian Bordelon, P.E.  |   | Years of experience with this employer<br><b>6</b>     |
| Title  | ITS / Street Lighting / Electrical Engineer  |   | Years of experience with other employer(s)<br><b>2</b> |
| Degree(s) / Years / Specialization                       |  | Bachelor of Science / 2018 / Electrical Engineering, Louisiana State University   |  |
| Active registration number / state / expiration date     |  | P.E. 0047473 / LA / Exp. 9/30/25  |  |
| Year registered  | 2023 (LA)  | Discipline  | P.E./Electrical  |
| Contract role(s) / brief description of responsibilities |  | ITS / Street Lighting / Electrical Engineer / Julian will support the ITS / Street Lighting / Electrical Engineering portions of this project During Construction tasks. <b>MPR #6.</b> |  |
| Experience dates<br>mm/yy–mm/yy)                         | Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc.<br>Experience dates should cover the years of experience specified in the applicable MPR(s).   |   |  |
| <b>8 years of experience</b>                             | <i>Certifications: DOTD Traffic Engineering Analysis Process &amp; Report – Modules 1, 2 and 3</i><br><i>American Traffic Safety Services Association –Flagger and Traffic Control Supervisor, LA State Specific</i>   |   |  |
| <b>11/22 – Ongoing</b>                                   | <b>LADOTD, CEI H.013256, Scott to Lake Charles ITS, CEI, Lake Charles, LA   Project Engineer.</b> Gresham Smith is providing Construction Engineering Inspection Services, including a Project Engineer, on-site daily/nightly inspection and technical construction inspection, throughout the course of construction. Julian is assisting in contract administration, inspection and testing oversight.  |   |  |
| <b>10/20 – Ongoing</b>                                   | <b>MDOT ITS, Meridian ITS Design, Meridian, MS   TSM&amp;O Engineer.</b> Gresham Smith is developing a system engineering analysis, ITS design plans, and specifications for I-59/I-20 between the I-59 @ I-20 interchange and the Mississippi state line. The project will install new ITS equipment including fiber, electrical systems, cabinets, camera poles, Dynamic Message Sign (DMS) structures, and a communications hub. Julian performed system engineering analysis, ITS design, voltage drop calculations, plans preparation, and field reviews. |   |  |
| <b>12/18 – 5/24</b>                                      | <b>LADOTD, LCG Adaptive Traffic Signal Design and Implementation, Lafayette Parish, LA   Pre-Professional.</b> Julian is responsible for field verification of traffic signal inventory (TSI) of LCG system, design plans for adaptive signal control intersections, and integration when the system is completed.   |   |  |
| <b>1/19 – 3/24</b>                                       | <b>LADOTD, CEI H.011500.6, Lake Charles Phase 3 ITS, CEI, Lake Charles, LA   Pre-Professional.</b> Gresham Smith is providing Construction Engineering Inspection Services, including a Project Engineer, on-site daily/nightly inspection and technical construction inspection, throughout the course of construction. Julian assisted in contract administration, inspection and testing oversight.   |   |  |
| <b>12/18 – 10/22</b>                                     | <b>TDOT, ITS Design Support Services WO#7: I-40 Nashville ITS Expansion, Nashville, TN   ITS Systems Specialist.</b> Julian is assisted with the electrical design and voltage drop calculations and back checking of plans.   |   |  |
| <b>2/20 – 8/22</b>                                       | <b>KYTC, I-Move Design-Build, Jefferson and Oldham Counties, KY   Pre-Professional.</b> The project includes the ITS design for CCTV cameras and Dynamic Message Signs (DMS) along I-265, I-71 and I-64 in Jefferson and Oldham Counties. Julian is assisting in the development of the typical details and plans preparation.   |   |  |
| <b>1/19 – 12/22</b>                                      | <b>LADOTD, ITS CE&amp;I IDIQ, Task Order #2 &amp; ITS CEI WO #4: Fiber Optic Mapping &amp; Management, Ascension, East Baton Rouge, West Baton Rouge, Livingston, Terrebonne, Lafayette, Pointe Coupee, St. Landry and Rapides Parishes, LA   Pre-Professional.</b> Gresham Smith was tasked with expanding the Fiber Optic Mapping & Management system to various parishes. Julian was responsible for data entry, document development and quality control.  |   |  |

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

**16. Staff Experience**

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| Firm employed by: <b>Huval and Associates, Inc.</b>      |   |            |  |              |
| Name   | <b>Stewart P. Hingle, P.E.</b>  |            | Years of experience with this firm/employer  | <b>&gt;1</b> |
| Title  | <b>Senior Mechanical Engineer</b>   |            | Years of experience with other firm(s)/employer(s)   | <b>30</b>    |
| Degree(s) / Years / Specialization                       |   |            | <b>Bachelor of Science (LSU), 1990, Mechanical Engineering</b>   |              |
| Active registration number / state / expiration date     |   |            | <b>26623 / LA / 03/31/2025</b>   |              |
| Year registered  | <b>1996</b>   | Discipline | <b>Mechanical Engineering</b>  |              |
| Contract role(s) / brief description of responsibilities |   |            | <b>Assistant Project Engineer (Mechanical Construction for Movable Bridges)</b><br><b>He meets MPR No. 7</b> |              |
| Experience dates<br>(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 year of experience specified in the applicable MPR(s).  |            |  |              |
| <b>31 years of experience</b>                            | <i>Mr. Hingle has over 30 years of experience in the LADOTD Bridge Design Section, which culminated as an Assistant Bridge Design Administrator over both the Mechanical and Electrical Design Units. During his career with the Department, he designed and oversaw plan development of 22 new movable bridge structures and 8 major rehabilitation projects. His duties also included project management, <b>construction inspection</b>, and damage inspection of movable bridges following natural disasters (hurricanes). In addition to his movable bridge expertise, Mr. Hingle has also designed a number of plumbing and HVAC systems for Department facilities.</i>   |            |  |              |
| <b>10/19-12/21</b>                                       | <b>Vertical Lift Bridge Emergency Repairs (Danziger) – US90 over the Inner Harbor Navigation Canal, Orleans Parish, LA, SP# H.000303:</b> Emergency project, approach spans were interfering with the movable span operation. Also tasked with determining why one corner of the movable span would not sit down when seated and completing a counterweight rope replacement that had stalled. During construction, had a complete failure of one of the pinion bearings. LADOTD Mechanical Task Manager. Worked closely with the Consultant to determine cause/fix the seating problem. When the pinion bearing failed, we oversaw the development of the mechanical plans, performed mechanical construction inspections, reviewed/approved mechanical construction RFIs. |            |  |              |
| <b>01/16-12/21</b>                                       | <b>Double Leaf Bascule Bridge Rehabilitation (North Draw) – US11 over Lake Pontchartrain, Orleans Parish, LA, SP# H.011705:</b> Complete mechanical, electrical, and structural rehabilitation. LADOTD Mechanical Task Manager. Oversaw the development of the mechanical plans, performed mechanical construction inspections, reviewed/approved mechanical construction RFIs.   |            |  |              |
| <b>01/16-12/21</b>                                       | <b>Double Leaf Bascule Bridge Rehabilitation (South Draw) – US11 over Lake Pontchartrain, Orleans Parish, LA, SP# H.011705:</b> Complete structural rehabilitation. Mechanical modifications to allow for manual opening of the movable spans. Removed all electrical. <b>bution:</b> LADOTD Mechanical Task Manager. Oversaw the development of the mechanical plans, performed mechanical construction inspections, reviewed/approved mechanical construction RFIs.   |            |  |              |
| <b>01/13-12/21</b>                                       | <b>Double Leaf Bascule Bridge Rehabilitation (4<sup>th</sup> St) – LA18 over the Harvey Canal, Jefferson Parish, LA, SP# H.010882</b> Complete mechanical, electrical, and structural rehabilitation. LADOTD Project Manager/Mechanical Task Manager. Managed the overall plan development, oversaw the development of the mechanical plans, performed mechanical construction inspections, reviewed/approved mechanical construction RFIs.   |            |  |              |

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



**16. Staff Experience**

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| <b>01/11-03/17</b> | <b>Vertical Lift Bridge Rehabilitation (Jackson St.) – US165 Bus over the Red River, Rapides Parish, LA, SP# H.000579:</b> Complete mechanical, electrical, and structural rehabilitation. LADOTD Mechanical Task Manager. Oversaw the development of the mechanical plans, performed mechanical construction inspections, reviewed/approved mechanical construction RFIs.   |
| <b>11/10-04/16</b> | <b>Swing Span Bridge Rehabilitation (Houma Navigation Canal) – LA661 over the Houma Navigation Canal, Terrebonne Parish, LA, SP# H.008417:</b> Complete mechanical, electrical, and structural rehabilitation. LADOTD Project Manager/Mechanical Task Manager. Managed the overall plan development, oversaw the development of the mechanical plans, performed mechanical construction inspections, reviewed/approved mechanical construction RFIs. |
| <b>01/15-03/16</b> | <b>2016 edition of the LADOTD “Louisiana Standard Specifications for Roads and Bridges”:</b> Lead author on a major revision of the “Movable Bridge” and “Mechanical Systems” sections of the Department’s standard specifications.  |
| <b>10/08-10/13</b> | <b>Double Leaf Bascule Bridge Rehabilitation (Lea Joyner) – US80 over the Ouachita River, Ouachita Parish, LA, SP# 001-09-0075:</b> Complete mechanical, electrical, and structural rehabilitation. LADOTD Mechanical Task Manager. Oversaw the development of the mechanical plans, performed mechanical construction inspections, reviewed/approved mechanical construction RFIs.  |
| <b>10/09-06/11</b> | <b>Swing Span Bridge Rehabilitation (Grand Chenier) – LA82 over the Mermentau River, Cameron Parish, LA, SP# 194-02-0061:</b> Complete mechanical, electrical, and structural rehabilitation. LADOTD Project Manager/Mechanical Task Manager. Managed the overall plan development, oversaw the development of the mechanical plans, performed mechanical construction inspections, reviewed/approved mechanical construction RFIs.                  |
| <b>02/13-12/21</b> | <b>Vertical Lift Bridge Rehabilitation (West Larose) – LA1 over the Intracoastal Waterway, Lafourche Parish, LA, SP# H.009479:</b> Complete mechanical, electrical, and structural rehabilitation. LADOTD Mechanical Task Manager. Oversaw the development of the mechanical plans, performed mechanical construction inspections, reviewed/approved mechanical construction RFIs.   |

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



**16. Staff Experience:**

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| Firm employed by <b>ECM Consultants, Inc.</b>            |   |            |  |           |
| Name   | <b>David Waller</b>   |            | Years of relevant experience with this employer  | <b>12</b> |
| Title  | <b>Lead DOTD certified Construction Inspector</b>   |            | Years of relevant experience with other employer(s)  | <b>15</b> |
| Degree(s) / Years / Specialization                       |   |            | <b>High School</b>   |           |
| Active registration number / state / expiration date     |   |            | <b>N/A</b>   |           |
| Year registered  | <b>N/A</b>  | Discipline | <b>N/A</b>   |           |
| Contract role(s) / brief description of responsibilities |   |            | <b>Mr. Waller will serve as Lead Inspector for bridge and road construction for this contract.</b> |           |
| Experience dates<br>(mm/yy–mm/yy)                        | Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).   |            |  |           |
| <b>27 years of experience</b>                            | <p><i>Mr. Waller has 27 years of experience in performing construction inspection of roads and bridges, drainage and utilities construction projects involving monitoring and documenting all construction activities for conformance with plans and specifications and documenting daily activities in SiteManager data base.</i></p> <p><i>He has the following LADOTD certification:</i></p> <ul style="list-style-type: none"> <li><i>• Structural Concrete inspection</i></li> <li><i>• Asphalt Paving Inspection</i></li> <li><i>• PCC Paving Inspection</i></li> <li><i>• Embankment and Base Course Inspection</i></li> </ul> <p><i>He also has the following certifications:</i></p> <ul style="list-style-type: none"> <li><i>• ATSSA Work Zone Traffic Control Flagger, Technician &amp; Supervisor</i></li> <li><i>• FWHA-NHI-130055 Safety Inspection of In-Services Bridges, and</i></li> <li><i>• OSHA-10</i></li> <li><i>• Certified Drone Pilot</i></li> </ul> |            |  |           |
| <b>06/18 - 09/20</b>                                     | <p><b>S.P. No. 009250, I-10: Highland to LA 73 Design-Build Project, LADOTD, East Baton Rouge/Ascension Parish, LA:</b> Mr. Waller served as <b>Lead Inspector for this \$72 million design-build project</b> 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, <b>roadway</b> lighting replacement, and <b>bridge</b> 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.</p>   |            |  |           |
| <b>06/18 – 10/19</b>                                     | <p><b>S.P. H.012420.6 I-110 Interchange Modifications at Terrace, Baton Rouge, LADOTD:</b> Mr. Waller provided <b>CE&amp;I services for this \$8.80 million I-110 Terrace Ave Interchange</b> 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 was constructed on the left side of I-110 southbound allowing traffic to exit onto Terrace Ave. Nineteen (19) drill shafts was installed that included 6-24” shafts, 2-36” shafts, 2-48” shafts and 9-96” shafts ranging in length from</p>  |            |  |           |

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

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|                     | 55' to 102'. Additionally, this project included a widening of the I-110 southbound <b>roadway</b> span, installation of new Hwy guide signage and camera equipment.   |
| <b>06/18 -07/19</b> | <b>State Project No. H.010661.6-2 N. Flannery/Firewood/Cloverland Bridges, East Baton Rouge Parish, LA:</b> Mr. Waller provided <b>construction inspection services</b> for the replacement of <b>three bridges</b> in East Baton Rouge Parish. He was responsible for monitoring, documenting and reporting construction activities for conformance with plans and specifications, keeping track of materials used, recording personnel and equipment on site, and filling out a daily report.  |
| <b>02/14-09/16</b>  | <b>S.P. No. H. 0106059: Rafe Meyer Bridges in Baker, LA for LADOTD:</b> Mr. Waller provided <b>construction inspection</b> for this project involving demolition and construction of two off-system <b>bridges</b> for LADOTD in East Baton Rouge Parish. This project includes precast concrete pile driving, cast-in-place concrete bents, decks, approach slabs and <b>asphaltic concrete roadway transition</b> . He provided inspection for asphalt paving as a LADOTD certified inspector in addition to <b>other inspection services</b> .          |
| <b>02/08-08/10</b>  | <b>S.P. No. 817-08-0023: Joor Road; Baton Rouge, LA:</b> Mr. Waller provided <b>construction inspection services</b> for this project that involved the widening of Joor Road from two lanes to five lanes. The project included asphalt concrete paving, Portland concrete cement paving, drainage, sewer, and utility relocations. He served as the primary construction inspector and safety person on site, prepared work reports, estimated quantities, ensured smooth and efficient operations of technician and/or consultant personnel.            |
| <b>03/09-08/11</b>  | <b>S.P. No. 817-41-0008: O'Neal Lane, LADOTD; Baton Rouge, LA:</b> Mr. Waller provided <b>construction inspection services</b> for this project that involved construction of three miles of new concrete cement <b>roadway</b> . The project included relocation of sewer and new tie-ins, drainage, and utilities relocation. He served as the primary construction inspector and safety person on site, prepared work reports, estimated quantities, ensured smooth and efficient operations of technician and/or consultant personnel, etc.            |
| <b>02/10-04/11</b>  | <b>S.P. No. 737-99-1059: I-12 Ramp Meters; Baton Rouge, LA:</b> Mr. Waller provided <b>construction inspection services</b> for this project that involved the installation of ramp meters along I-12. He served as the primary construction inspector and safety person on site, preparing work reports and estimated quantities.   |
| <b>04/10-06/11</b>  | <b>S.P. No. 257-04-0025: West Lee and Burbank; Baton Rouge, LA:</b> Mr. Waller provided <b>construction inspection services</b> for this project that involved the construction of turn lanes at the intersection of West Lee and Burbank. The project included Portland concrete cement paving, drainage, sewer, and utility relocations. He served as the primary construction inspector and safety person on site, prepared work reports, estimated quantities, ensured smooth and efficient operations of technician and/or consultant personnel, etc. |
| <b>08/11-12/09</b>  | <b>S.P. No. 255-30-0013: Wax Road; Baton Rouge, LA:</b> Mr. Waller provided <b>construction inspection services</b> for this project that involved the widening of Wax Road and the addition of turning lanes. The project included asphalt concrete paving, drainage, sewer, and utility relocations. He served as the <b>primary inspector</b> and safety person on site, prepared work reports, estimated quantities, ensured smooth and efficient operations of technician and/or consultant personnel, etc.   |

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

| 16. Staff Experience:                                    |   |   |            |
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| Firm employed by <b>ECM Consultants, Inc.</b>            |   |   |            |
| Name   | <b>Jesse Carraway</b>   | Years of relevant experience with this employer     | <b>1.5</b> |
| Title  | <b>DOTD Certified Lead Inspector</b>  | Years of relevant experience with other employer(s) | <b>18</b>  |
| Degree(s) / Years / Specialization                       |   | <b>High school Diploma</b>                          |            |
| Active registration number / state / expiration date     |   | <b>NA</b>   |            |
| Year registered  |   | Discipline  | <b>NA</b>  |
| Contract role(s) / brief description of responsibilities |   | <b>Mr. Carraway will serve as Lead Inspector.</b>   |            |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).   |   |            |
| <b>18 years of experience</b>                            | <p><i>Mr. Carraway has over 18 years of experience in construction inspection services, as a certified engineering technician and senior inspector working for LADOTD. He has provided construction inspection for many bridges, roadways, and drainage projects in area of District 61. He has the following certifications:</i></p> <ul style="list-style-type: none"> <li><i>LADOTD Asphalt Paving Inspector</i></li> <li><i>LADOTD Embankment and Base Course Inspector</i></li> <li><i>LADOTD Structural Concrete Inspector</i></li> <li><i>LADOTD PCC Paving Inspector</i></li> <li><i>LADOTD Authorized Profilograph Evaluator PCC Paving</i></li> <li><i>LADOTD Authorized Density Tester, and</i></li> <li><i>ATSSA Certified Traffic Control Supervisor and Flagger.</i></li> </ul>   |   |            |
| <b>12/22 -present</b>                                    | <p><b>LA 1: Leeville to Golden Meadow (Phase 2):</b> Mr. Carraway is serving as Lead Inspector for this <b>\$463 million Construction</b> project that includes an 8.63 Mile long <b>Concrete and Steel Structure elevated highway</b> over the marshlands between the town of Leeville, LA and Golden Meadow, LA. The project is being constructed by “Top-Down” method of construction where a moveable temporary steel support bridge is built and occupied by the Contractor’s construction equipment, while the permanent concrete bridge is built below. The temporary steel support bridge is approximately 2,000 foot in length and will advance forward as the concrete bridge is built below. Construction for this <b>elevated highway</b> involves building the temporary steel support bridge to support all construction equipment; permanent concrete pile driving; installation of precast concrete pile caps; installation of precast concrete girders; pouring of concrete decks, concrete barrier rails and <b>surface roadway both asphaltic concrete and PCC paving.</b></p> |   |            |
| <b>03/11-12/13</b>                                       | <p><b>US 190: Left Turn lanes at LA 77 and LA78/LA411:</b> Mr. Carraway provided construction inspection services as Lead LaDOTD inspector for this \$4.8 million project that consisted of a two-phase construction of the bridge and connecting roadway in the city of Liviona. Mr. Carraway maintained project DWRs, sampling and testing requirements, completed the 2059 report and prepared the as-builts for the project engineers signature at the close of the project.</p>  |   |            |
| <b>10/16-09/17</b>                                       | <p><b>LA 1: LA75 to US 190 Concrete Patching and Striping:</b> Mr Carraway provided the construction inspection as the lead certified inspector on this \$3.1 million LaDOTD project. The project included the full depth patching of jointed concrete pavement and installing new striping on the length of the project. Mr. Carraway maintained project DWRs, all sampling and testing, and daily quantities. He compiled and completed the 2059 report and prepared the As-builts for the project engineer’s signature.</p>  |   |            |

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

**16. Staff Experience:**

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| Firm employed by <b>ECM Consultants, Inc.</b>            |   |   |   |
| Name   | <b>Kim Martinez</b>   |   | Years of relevant experience with this employer     |
| Title  | <b>Lead DOTD Certified Inspector</b>  |   | 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 |   | <b>Ms. Martinez will serve as the Lead Inspector for this contract.</b> |   |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).   |   |   |
| <b>31 years of experience</b>                            | <p><i>Ms. Martinez has 31 years of experience in performing construction inspection of roads and bridges, drainage and utilities construction projects involving monitoring and documenting daily construction activities for conformance with plans and specifications and documenting daily activities in <b>Site Manager</b> database. She has the following certification:</i></p> <ul style="list-style-type: none"> <li><i>LADOTD Asphalt Paving Inspector</i></li> <li><i>PCC Paving Inspector</i></li> <li><i>Embankment and Base Course Inspector</i></li> <li><i>ATSSA Work Zone Traffic Control Flagging, Technician &amp; Supervisor</i></li> <li><i>Nighttime Traffic Control, and</i></li> <li><i>OSHA-10</i></li> </ul>  |   |   |
| <b>05/20 – 11/23</b>                                     | <p><b>Severn Avenue Corridor Improvement, Jefferson parish-DPW, Jefferson, LA;</b> Ms. Martinez served as the <b>Lead Construction Inspector</b> on the <b>\$14.2 million</b> project. Scope of project include removal and replacement of existing PCC pavement with <b>new PCC pavement</b>, 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<sup>th</sup> street and West Esplanade, replacement, and upgrade of subsurface drainage system, streetscaping, new bike path., new decorative street lighting, pedestrian lighting and pedestrian signals</p>  |   |   |
| <b>04/09-10/16</b>                                       | <p><b>S.P. No. 064-05-0085, Bayou Lafourche Bridge at Larose, LADOTD, (CE&amp;I) Lafourche Parish, LA:</b> Ms. Martinez provided <b>construction inspection</b> for this <b>\$32 million</b> Bayou Lafourche Vertical Lift <b>Bridge</b> project to replace the existing LA 310 bridge at LA 657 extensions to LA 308. Her responsibilities included 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, reviewing all form work drawings; preparing final estimate packages; and “As-Built” plans.</p>                |   |   |
| <b>11/16—5/19</b>  | <p><b>S.P. No. H.007259: Fleur De Lis Drive Reconstruction (30th-Old Hammond Hwy), (CE&amp;I) LADOTD; Orleans Parish, LA:</b> Ms. Martinez provided <b>construction inspection</b> services as Lead Inspector for this <b>\$12 million roadway</b> 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 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.</p> |   |   |

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| 06/16-11/17   | <b>DPW No. 2000-B01: Gravier St. (S. Galvez to Broad St) City of New Orleans-DPW, LA:</b> Ms. Martinez provided <b>inspection services</b> for this <b>\$5.8 million roadway</b> reconstruction project involving <b>roadway</b> 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 | <b>Taft Place Reconstruction – City Park Neighborhood – Group A FEMA Funded Roadway Capital Improvements Program, New Orleans, LA:</b> Ms. Martinez provided <b>construction inspection</b> for this <b>\$2.3 million</b> 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 <b>PCC paving</b> , roadway intersections with handicap ramps conforming to current ADA standards, new sidewalk, driveways, and subsurface drainage system.   |
| 06/08-08/13   | <b>S.P. No. 713-38-0001, Doullut Canal Bridge, (CE&amp;I), Plaquemines Parish, LA,</b> Ms. Martinez served as <b>Construction Inspector</b> for this <b>\$12 million</b> project involving the construction of a <b>movable steel girder bridge</b> over Doullut Canal to replace an existing bridge. This 150-foot unequal arm steel swing span is operated by dual hydraulic motors. Project included driving piles, concrete piers, steel girder bridge, operator's house and PCC bridge approaches. ECM also provided paint inspection of all girders for the swing bridge in addition to the steel grid flooring.  |
| 02/11-08/13   | <b>I-10 Calcasieu River Bridge Repairs, LADOTD, S.P. No. H.003203.6, (CE&amp;I), Calcasieu Parish, LA:</b> Ms. Martinez provided <b>construction inspection</b> services for this <b>\$7.8 million</b> repair work at I-10 Calcasieu River <b>Bridge</b> , 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. |
| 02/07-06/08   | <b>S.P. No. 742-55-0004: Westside Blvd Road Extension (Marie Dr to St. Louis Canal); LADOTD, Terrebonne Parish, LA:</b> Ms. Martinez provided <b>inspection services</b> for this <b>\$2.8 million roadway</b> project involving construction of new PCC pavement <b>roadway</b> for extension of the existing Westside Blvd from Marie Dr to St. Louis Canal. Scope of work included new drainage system, utilities, unclassified excavation, grading, lime treatment, class II base course, PCC Pavement, Superpave asphaltic concrete shoulders, and associated items. She provided inspection services for compliance with contract documents, documentation and daily reports, reviewed pay estimates, monitored contractor activities and coordinated with the Project Engineer                             |
| 12/10-08/13   | <b>S.P. No. 742-52-0012: I-10 SW Frontage Road Extension, (CE&amp;I), LADOTD; Slidell, LA:</b> Ms. Martinez provided <b>inspection services</b> for <b>\$3 million new road and bridge</b> construction of 0.988 miles of I-10 SW Frontage Rd extension and accompanying <b>7-span bridge</b> . Scope of work for the <b>roadway</b> included grading and earthwork, lime treatment, base course, PCC paving, pavement markings, and permanent signing. Scope also included driving concrete piles, cast-in-place concrete deck, concrete wing walls, PCC approach slabs, guardrails, and striping. She prepared daily reports, reviewed pay estimates, monitored contractor activities, and coordinated with the Project Engineer.   |
| 01/12-06/13   | <b>S.P. No. 742-38-0006: F. Edward Hebert Boulevard Improvements, (CE&amp;I), LADOTD; Belle Chasse, LA:</b> Ms. Martinez provided <b>construction inspection services</b> for this project, which includes new concrete <b>roadway</b> , overlaying asphalt roadway, excavation, embankment, grading, class II base course, drainage, and utilities. She provided inspection services, documentation, and prepared daily reports, monitored contractor activities, reviewed pay estimates and coordinated with Project Engineer and contractors.  |
| 02/18-0/18    | <b>S.P. No. 009250 I-10: Highland to LA 73 Design-Build Project, LADOTD, East Baton Rouge/Ascension Parish, LA.</b> Ms. Martinez served as <b>Construction Inspector</b> for this <b>\$77 million design-build project</b> 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, <b>roadway</b> lighting replacement, and <b>bridge</b> modifications including replacing I-10 <b>bridge</b> over Highland Road, widening and rehabilitating I-10 <b>bridge</b> over Bayou Manchac, increasing the vertical clearance and rehabilitating LA 928 over I-10, and replacing I-10 over LA 73.  |

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## 16. Staff Experience

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| Firm employed by <b>Volkert, Inc.</b>                    |  |  |            |
| Name   | <b>Courtney Cambre</b>   | Years of relevant experience with this employer                            | <b>17</b>  |
| Title  | <b>Certified Inspector</b>   | Years of relevant experience with other employer(s)                        | <b>7</b>   |
| Degree(s) / Years / Specialization                       |  | <b>B.S. – Kinesiology, Tennessee Technological University, 2001</b>        |            |
| Active registration number / state / expiration date     |  | <b>N/A</b>   |            |
| Year registered  | <b>N/A</b>   | Discipline   | <b>N/A</b> |
| Contract role(s) / brief description of responsibilities |  | <b>Mr. Cambre will be serving as Certified Inspector for this contract</b> |            |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).  |  |            |
| <b>24 years of experience</b>                            | <p><i>Mr. Cambre has 24 years’ experience with Volkert and serves as Construction Inspector for Louisiana based roadway and bridge projects. Mr. Cambre has had greater than 5 years of entering data into DOTD’s Site Manager system. This includes data for daily reports, scanning documents into the construction document, upload files, LIMS data and Site Manager Materials. His certifications are shown below:</i></p> <ul style="list-style-type: none"> <li>• <i>ATSSA Traffic Control Supervisor</i></li> <li>• <i>ATSSA Flagger</i></li> <li>• <i>LADOTD Embankment and Base Course Inspector/Technician</i></li> <li>• <i>LADOTD Structural Concrete Inspector</i></li> <li>• <i>LADOTD Certified Embankment and Base Course Inspector/Technician</i></li> <li>• <i>LADOTD Asphalt Concrete Paving Inspector/Technician</i></li> <li>• <i>LADOTD Field Tester Authorization</i></li> <li>• <i>LADOTD PCC Paving Inspector</i></li> <li>• <i>LADOTD Certified Structural Concrete Inspector/Technician</i></li> </ul> |  |            |
| <b>06/2016 – 10/2019</b>                                 | <p><b>US 11: Lake Pontchartrain Rehab Phase I, Orleans and St. Tammany Parishes, LA (LADOTD)</b>   Volkert was responsible for all CE&amp;I services. This project consisted of repairs of damaged bridge elements of the US 11 bridge over Lake Pontchartrain connecting Slidell, LA to New Orleans, LA. The bridge is 4.639 miles in length and was opened to traffic in 1928. The repairs include Carbon Fiber Reinforced Polymer (CFRP) repairs to the girders, caps, and piles, structural concrete repairs to the bridge deck and diaphragms and encasement of all piles on the project. Mr. Cambre provided field inspection on this project.   <b>S.P. No. H.010016</b></p>  |  |            |
| <b>2008 – Ongoing</b>                                    | <p><b>Retainer Contract for Fabrication Inspection, Statewide, LA (LADOTD)</b>   This project consists of fabrication contract administration and fabrication engineering inspection services for fabrication plants in and out of state. Volkert is responsible for fabrication contract administration and fabrication engineering inspection services for all precast prestressed concrete cast for this project. Mr. Cambre is providing field inspection on this project.   <b>S.P. No. 700-99-0427, S.P. No. 4400001613, S.P. No. 4400008958</b></p>   |  |            |

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| 03/2015 – 07/2017 | <b>I-10 French Branch Bridge – West Pearl River Bridge, Routes I-10, I-12, I-59, St. Tammany Parish, LA (LA DOTD)</b>   Volkert provided construction contract administration and construction engineering and inspection (CE&I) services for the reconstruction of the I-10, I-12, and I-59 interchange in Slidell, LA. The project consisted of clearing and grubbing, grading, drainage structures, cold planing asphaltic concrete, class II base course, Superpave asphaltic concrete pavement, open graded friction course asphalt, Portland cement concrete pavement, temporary and permanent striping and lime treatment of sub-base. The project was a total reconstruction of 10.3 miles of roadway at the interchange that required over 200,000 tons of asphalt. Mr. Cambre provided field inspection on this project.  |
| 02/2020 - Ongoing | <b>LA 23: Belle Chasse Bridge and Tunnel (HBI) Improvements, Plaquemines Parish (LADOTD)</b>   Mr. Carpenter is serving as Sr. Construction Inspector for the Owner Verification Team on the Belle Chasse Bridge and Tunnel Improvements. Volkert will be responsible for providing all Engineering Design and Construction Support services including implementation of the Construction Quality Assurance Plan for the Belle Chasse Bridge & Tunnel Public Private Partnership (P3) Project which provides for the replacement of the Belle Chasse Tunnel and Judge Perez Lift Bridge with a new toll bridge. This includes the development of construction plans, bridge replacement plans, decommissioning of the Tunnel and development of O&M plans. As the OVT, Volkert will provide guidance and support to the LADOTD Project Manager prior to and during reviews, develop review comments, attend project meetings, ensure that the P3 adheres to their contract, and address other assignments as directed.   <b>S. P. No. H. 004791.6</b>   |
| 10/2011 – 3/2015  | <b>I-10: Veterans Boulevard to Clearview Parkway in Jefferson Parish, LA (LADOTD)</b>   Volkert provided construction contract administration and CE&I services for additional lanes on I-10 between Veterans Boulevard and Clearview Parkway in Metairie, Louisiana. The project consisted of adding lanes and full width shoulders in each direction to the existing roadway and bridges, increasing drainage capacity, cold planing asphaltic pavement, Class II base course, Superpave asphaltic concrete pavement, asphaltic concrete SMA wearing course, new roadway signing and lighting, sound barrier walls, slab span and girder span bridges, pavement markings, waterline relocation, sewer force main relocation, and related work. Mr. Carpenter provided field inspection on this project. Mr. Carpenter was responsible for inspecting pile driving operations, forming operations, reinforcing steel operations, and concrete placement, which included the inspection of embankment and base course, structural steel, reinforcing steel, structural concrete, and traffic control.   <b>State Contract No. 450-15-0099</b> |
| 2006 - 2011       | <b>I-10 Twin Span Bridge Over Lake Pontchartrain Low Level Portions and Main Spans in Orleans and St. Tammany Parishes, Louisiana for the Louisiana Department of Transportation and Development (LADOTD)</b>   Inspector. The new bridge was designed for a 100-year life and will be built 300 feet to the east of the current bridge. The bridge has an elevation of 30 feet, 21 feet higher than the existing bridge, with an 80-foot high-rise section near the Slidell side to allow for marine traffic and withstand a much higher storm surge. The 60-foot width of each span included three 12-foot lanes and two 12-foot shoulders on each side. The bridge was designed to include reinforced concrete walls to increase storm surge resistance and minimize the effects of any barge collision. Mr. Cambre provided field inspection on this project. <b>S.P. Nos. 450-17-0025, 450-17-0028</b>   |

**16. Staff Experience:**

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| Firm employed by <b>ECM Consultants, Inc.</b>            |  |   |   |
| Name   | <b>Jules Saunee</b>  |   | Years of relevant experience with this employer     |
| Title  | <b>Certified Inspector</b>   |   | Years of relevant experience with other employer(s) |
| Degree(s) / Years / Specialization                       |  | High School   |   |
| Active registration number / state / expiration date     |  | NA  |   |
| Year registered  |  | Discipline  | NA  |
| Contract role(s) / brief description of responsibilities |  | He will serve as a certified Inspector for Roads and Bridges. |   |
| Experience dates<br>(mm/yy–mm/yy)                        | Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).  |   |   |
| <b>15 years of experience</b>                            | <p><i>Mr. Saunee has over 15 years of experience in construction inspection of Highways, major bridges, surface roadways, utilities relocations and new drainage, water and sewer systems installations. He has the following certification</i></p> <ul style="list-style-type: none"> <li><i>LADOTD Asphalt Paving Inspector</i></li> <li><i>LADOTD Embankment and Base Course Inspector;</i></li> <li><i>LADOTD Structural Concrete Inspector,</i></li> <li><i>LADOTD PCC Paving Inspector and</i></li> <li><i>ATSSA Certified Flagger, Technician, Supervisor</i></li> </ul>  |   |   |
| <b>10/2021-Ongoing</b>                                   | <p><b>Belle Chasse Bridge and Tunnel Replacement, P3, Design-Build Project, Plaquemines Parish, LA:</b> Mr. Saunee is serving as one of the certified inspectors for the <b>\$182 Million</b> construction of a new 4 lane bridge over the Intracoastal Waterways. ECM is serving as the Construction Quality Control Firm (CQCF) for this 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 includes 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. 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 monitoring contractor's quality control.</p> |   |   |
| <b>07/20-02/21</b>                                       | <p><b>Severn Ave: Veterans to W. Esplanade, Jefferson Parish, LA:</b> Mr. Saunee served as interim <b>DOTD certified Inspector</b> for this <b>\$14.2 million</b> complete street construction project. This project includes <b>PCC paving</b>, major drainage improvements, <b>ADA facilities</b>, <b>the addition of dedicated bike lanes</b>, addition of turn lanes, traffic and <b>pedestrian signals</b>, street lighting and landscaping etc. He was responsible for monitoring construction work to ascertain that all works are in conformance with contract plans and specification, kept record of quantities of work performed on daily basis and perform all work assigned by the Lead inspector.</p>  |   |   |

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

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| 12/10-05/12 | <b>Huey P Long Bridge Widening:</b> Mr. Saunee served as one of the Inspector <b>for the \$1.2 Billion Widening of the Huey P Long Bridge</b> 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 <b>lead Inspector</b> for concrete, PCC roadway, asphaltic concrete repaving, and infrastructure installation.  |
| 04/17-04/20 | <b>I-10 Widening Breaux Bridge to Lafayette:</b> Mr. Saunee served as one of the inspectors for this <b>\$100 Million Widening of I-10 for seven (7) miles</b> between Breaux Bridge and Lafayette. The project included the construction of a 2-lane asphaltic concrete interstate, <b>widening 5 existing bridges</b> , replacing 1 bridge, and the removal/replacement of the existing 2-lane asphaltic concrete interstate in each direction. Mr. Saunee served as the <b>lead Inspector on Asphalt work</b> 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 <b>SiteManager</b> reports and final submittal package |
| 04/20-09/21 | <b>I-10 Loyola Interchange.</b> Mr. Saunee served as one of the inspectors for <b>\$125 Million Interstate Overpass</b> Exit/Entrance to the Louis Armstrong International Airport. The Project entails construction of 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.   |
| 04/16-04/17 | <b>Ormond Blvd Repair/Mill/Overlay:</b> Mr. Saunee served as the <b>Lead Asphalt Inspector</b> for the asphalt mill/overlay of Ormond Blvd in St. Charles Parish at a cost of <b>\$1 Million</b> . He also assisted in the PCCP inspection of Ormond Blvd. Compiled monthly estimates for Project Engineer's review.   |
| 02/16-08/16 | <b>Our Lady of The Lake Medical Complex:</b> Mr. Saunee served as the <b>lead inspector</b> 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.   |
| 05/14-02/16 | <b>Ole Miss Kenner Sanitary Sewer Lift Station:</b> Mr. Saunee served as an inspector on the <b>\$1.2 Million</b> replacement of the existing Sewer Lift Station at the corner of West Esplanade and Ole Miss Rd. Inspection of installation of Gravity Sewer lines, Installed Master Control Panel, Installation of above ground automatic valve shut off system, and demolition of old lift station  |
| 05/12-05/14 | <b>Sanitary Sewer Repair St. Bernard Parish:</b> Mr. Saunee served as an inspector for the Parish wide repair of sanitary sewer lines damaged by Hurricane Katrina at cost of <b>\$6 Million</b> . Mr. Saunee inspected the excavation and <b>point repairs</b> of sanitary sewer lines. Mr. Saunee oversaw the restoration of the roads, sidewalks, and other features, both PCCP <b>and Asphalt</b> . He also inspected Pipe bursting operations when entire length of any sanitary sewer lines between the manholes was required to be replaced.  |
| 06/11-08/11 | <b>Jefferson Parish Submerged Roads Program:</b> Mr. Saunee served as the <b>lead inspector</b> 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 <b>\$1.5 Million</b> . Compiled monthly estimates for Project Engineer's review.   |

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



**16. Staff Experience:**

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| Firm employed by <b>ECM Consultants, Inc.</b>            |  |   |   |
| Name   | <b>Mark Sanchez</b>  |   | Years of relevant experience with this employer     |
| Title  | <b>Certified Inspector</b>   |   | 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 |  | <b>Mr. Sanchez will serve as a certified Inspector for this contract.</b> |   |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).  |   |   |
| <b>43 years of experience</b>                            | <i>Mr. Sanchez has 43 years of experience in performing construction inspection of roads and bridges, drainage and utilities construction projects involving monitoring and documenting daily construction activities for conformance with plans and specifications. He has the following certification:</i> <ul style="list-style-type: none"> <li>• LADOTD Asphalt Paving Inspector</li> <li>• LADOTD Asphalt Plant Inspector/Technician</li> <li>• ATSSA Work Zone Traffic Control Flagger, Technician &amp; Supervisor</li> <li>• OSHA-10</li> </ul>   |   |   |
| <b>10/19- 06/20</b>                                      | <b>I-220/I-20 Interchange IMP &amp; BAFB Access Road- Design-Build, LADOTD, Bossier Parish, LA.</b> Mr. Sanchez served as Inspector for a period of about eight months for this <b>\$77 million</b> 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 <b>bridge construction</b> over the existing KCS railway and Musselshell bayou. This work includes <b>4 separate bridges</b> to be constructed, including a NB and SB I-220 <b>overpass</b> over I-20, and a NB and SB overpass over the KCS railway crossing. This work includes <b>pile driving</b> , drilled shafts, installing prestressed concrete <b>girders</b> , steel girders, on grade roadway including earthwork, subbase and base, drainage, utilities relocation, PCC pavement, Asphaltic Concrete pavement. |   |   |
| <b>05/18- 09/19</b>                                      | <b>S. P. No. H.012420.6 (CE&amp;I): I-110 Interchange Modifications at Terrace Ave., (CE&amp;I), Baton Rouge, LA:</b> Mr. Sanchez provided <b>inspection services</b> for this <b>\$8.80 million</b> I-110 Terrace Ave <b>Interchange</b> 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 <b>roadway</b> span, installation of signage and the installation of poles with new camera equipment to monitor traffic.   |   |   |
| <b>07/19 -10/22</b>                                      | <b>Southern University Erosion / Road Improvement, East Baton Rouge Parish:</b> Mr. Sanchez served as <b>lead inspector</b> for this project. This project involved clearing and grubbing, Erosion Repair, Roadway, and <b>Bridge Replacement</b> . This Hazard Mitigation project included repairing damage from the 2016 flood that caused erosion in and around the Southern University Campus, including washouts that affected student access to dormitory areas. The work includes major Utility Coordination, Replacement of a <b>bridge</b> with 3 -10’X10’ Reinforced Concrete Box culverts.  |   |   |

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

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|                      | Work also includes other drainage repairs that will include the reconstruction of the washed-out creek bank, Jacking and Boring of a 60" pipe, Reconstruction of <b>Roadway</b> in washed out areas, and Base, Asphalt Pavement and Concrete Curb.  |
| <b>06/18 -05/20</b>  | <b>S.P. No. H.010661.6-2 (CE&amp;I), N. Flannery/Firewood/Cloverland Bridges, East Baton Rouge Parish, LA:</b> Mr. Sanchez provided <b>Inspection services</b> for the replacement of <b>three bridges</b> in East Baton Rouge Parish. He performed inspection work for compliance with plans and specifications, prepare daily reports, keeping track of quantiles of pay items, documenting personnel and equipment used by the contractor etc.   |
| <b>01/19 – 07/19</b> | <b>La 431 @ La 934 Intersection Improvements, Ascension Parish, LA.</b> Mr. Sanchez was <b>lead inspector</b> on this project. This project consisted of drainage structures, embankment, replacing traffic signals, base course, and asphalt paving. Mr. Sanchez provided inspection of excavation operations, drainage structure installation, Replacement of traffic signal, asphalt paving and striping of roadway.   |
| <b>02/18-05/18</b>   | <b>SSO Program, City of Baton Rouge/East Baton Rouge Parish-DPW, Baton Rouge, LA:</b> Mr. Sanchez served as <b>Inspector</b> for projects for <b>roadway restorations</b> 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.  |
| <b>01/11-12/17</b>   | <b>Engineering Technician, Asphalt Plant:</b> Mr. Sanchez <b>sampled and ran DSR tests</b> 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.  |
| <b>12/15-11/17</b>   | <b>Area Field Quality Control Manager &amp; Asphalt Plant Quality Control Technician</b> , while working with Coastal Bridge Company, Mr. Sanchez's responsibilities included supervising Field QC personnel to ensure they were performing as directed/needed on the project and to ensure that density tests were run and documented. Additionally, Mr. Sanchez acted as a Field QC Technician on projects.   |
| <b>08/15-04/17</b>   | <b>H.010602, LA. 1, LA 6–LA 75: Road Réhabilitation for Iberville Parish.</b> Mr. Sanchez was the QC technician for Coastal Contractors for this project, that included the reconstruction of <b>9.5 miles of roadway</b> , 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. |
| <b>07/80- 01/11</b>  | <b>LADOTD Certified Asphalt Plant Inspector:</b> 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 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:**

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| Firm employed by <b>ECM Consultants, Inc.</b>            |   |            |  |          |
| Name   | <b>Tia Youngblood</b>   |            | Years of relevant experience with this employer  | <b>4</b> |
| Title  | <b>DOTD Certified Inspector</b>   |            | Years of relevant experience with other employer(s)  | <b>2</b> |
| Degree(s) / Years / Specialization                       |   |            | <b>Bachelor's Degree Industrial Engineering Technology/Northwestern State University</b>             |          |
| Active registration number / state / expiration date     |   |            | <b>N/A</b>   |          |
| Year registered  | <b>N/A</b>  | Discipline | <b>N/A</b>   |          |
| Contract role(s) / brief description of responsibilities |   |            | <b>Ms. Youngblood will serve as one of the certified Inspector for Road and Bridge Construction.</b> |          |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).   |            |  |          |
| <b>6 years of experience</b>                             | <p><i>Ms. Youngblood has little over 6 years of experience in construction inspection of Highways, Roads and Bridges, drainage, and utilities construction projects. She has the following certifications:</i></p> <ul style="list-style-type: none"> <li><i>LADOTD Asphalt Paving Inspector</i></li> <li><i>LADOTD PCC Paving Inspector,</i></li> <li><i>LADOTD Embankment and Base Course Inspector</i></li> <li><i>LADOTD Structural Concrete Inspector</i></li> <li><i>LADOTD Authorized Concrete Field Tester, and</i></li> <li><i>ATSSA Certified Flagger, Supervisor</i></li> </ul>  |            |  |          |
| <b>Ongoing</b>   | <p><b>Jude and Placide Rd. Bridges, Vermillion Parish, LA</b> Ms. Youngblood serving as the lead DOTD Certified inspector on this \$1.5 Million off-system bridge project consisting of 2 flat-deck bridges in Maurice and Erath, LA. Construction includes two flat-deck bridges, drainage improvements, roadway improvements, signing and striping, and erosion control. Mrs. Youngblood's inspection duties include daily monitoring of construction activities for compliance with plans and specifications, preparing a daily diary, keeping track of daily work item quantities, attending progress meetings, maintaining all construction field records, and material testing and lab coordination.</p>  |            |  |          |
| <b>06/20-10/21</b>                                       | <p><b>I220/I-20 Interchange IMP &amp; BAFB Access Road- Design-Build, LADOTD, Bossier Parish, LA.</b> Ms. Youngblood served as a <b>DOTD Certified Inspector</b> for this <b>\$77 million</b> 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 <b>bridge construction</b> over the existing KCS railway and Musselshell bayou. This work includes <b>4 separate bridges are constructed</b>, 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 <b>roadway</b> including earthwork, subbase and base, drainage, utilities relocation, PCC pavement, Asphaltic Concrete pavement. Ms. Youngblood is assisting inspection in multiple areas: Embankment, PCC and Asphaltic Concrete pavement, Pile driving, and drilled shafts; utilizing her Embankment and Base course, Asphalt Paving Inspector/Technician, and Nuclear Device Operator certifications. She will also be inspecting different concrete structures and running Field test on concrete utilizing her Authorized Concrete Field Tester.</p> |            |  |          |

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

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| 06/18-6/20  | S.P. No. H.010357.6, L A-120 Bridges near Provencal, LADOTD, (W.E. McDonald) Natchitoches Parish, LA: Ms. Youngblood served as a <b>DOTD Certified Inspector</b> for this project that included: Box Culverts, demolishing the existing bridges, relocating utilities, drainage excavation, driving pre-cast concrete piles, approach slabs, removing existing roadway, pouring new concrete, grade embankment Provided construction inspection for this project that involved: checking rebar measurements, pouring concrete deck, caps, guard rails, and wing walls; and testing concrete; making cylinders, running slump and air meter test.   |
| 2/18 – 6/20 | S.P. No. H.010943. 6, Clark/Good Hope/Robeline-Provencal Bridges, LADOTD, Natchitoches Parish, LA, Ms. Youngblood served as a <b>DOTD Certified Inspector</b> for this project that included: demolishing the existing bridges, relocating utilities, drainage excavation, <b>driving pre-cast concrete piles</b> , approach slabs, removing existing roadway, grading, pouring new concrete, and embankment with 6/10 Base. Provided construction inspection for this project that involved: checking grade and elevation; counting blows for pile driving data; running density and moisture tests for new dirt hauled in for embankment for roadway approaching bridge. Provided inspection services for the excavating the existing roadway; checking grade, flowline, installation of catch basins, checking soil used for bedding and backfilling. |
| 07/18-09/18 | <b>I-49 Pavement Marking Replacement IV:</b> This was a moving operation on a multi lane Interstate. Ms. Youngblood Supervised the removal and replacement of all pavement markings; also, the reflectivity tests on striping. She also was a part of design and checking traffic control utilizing her ATSSA Traffic Control Technician Certification.  |
| 10/19-03/20 | <b>LA 153: JCT LA 9 to Five Forks Road:</b> Project included Lime treated subbase, Cement treat Base, Drainage system replacement, asphalt overlay, and asphalt wearing/surface course; on a high-volume road. Ms. Youngblood monitored all aspects of this DOTD project; utilizing her ATSSA Traffic Control Technician; DOTD Embankment and Base Course, Asphalt Paving Inspector/Technician, Nuclear Device Operator, DOTD Certified IRI Inspector; certifications.   |

**16. Staff Experience:**

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| Firm employed by <b>ECM Consultants, Inc.</b>            |  |  |   |
| Name   | <b>Robert Brown</b>  |  | Years of relevant experience with this employer     |
| Title  | <b>Certified Lead Inspector</b>  |  | Years of relevant experience with other employer(s) |
| Degree(s) / Years / Specialization                       |  | <b>High School Diploma</b>   |   |
| Active registration number / state / expiration date     |  | <b>N/A</b>   |   |
| Year registered  | <b>N/A</b>   | Discipline   | <b>N/A</b>  |
| Contract role(s) / brief description of responsibilities |  | <b>Mr. Brown will serve as Certified Inspector for this contract on as needed basis.</b> |   |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).  |  |   |
| <b>32 years of experience</b>                            | <p><i>Mr. Brown has over 32 years of experience in construction inspection of roads and bridges, overpasses, utilities relocations, levees and floodwall. He has the following certifications:</i></p> <ul style="list-style-type: none"> <li><i>LADOTD PCC Paving Inspector</i></li> <li><i>LADOTD Structural Concrete Inspector</i></li> <li><i>LADOTD Embankment and Base Course Inspector</i></li> <li><i>LADOTD Authorized Concrete Field Tester.</i></li> <li><i>ATSSA Work Zone Traffic Control Flagger, Technician &amp; Supervisor</i></li> <li><i>Confined Space entry, OSHA-10.</i></li> </ul>  |  |   |
| <b>04/21- Ongoing</b>                                    | <p><b>S.P. No. H.004791, Belle Chasse Bridge and Tunnel Replacement, P3, Design-Build Project, Plaquemines Parish, LA.</b> ECM is serving as the Construction Quality Control Firm (CQCF) for this <b>\$182 million</b>, 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 <b>responsible for sampling and testing</b> to ensure compliance with the project's plans and specifications. Mr. Robert is serving as <b>Lead certified inspector</b> for this project.</p> |  |   |
| <b>01/19-10/20</b>                                       | <p><b>S.P. No. 009250, I-10: Highland to LA 73 Design-Build Project, LADOTD, East Baton Rouge/Ascension Parish, LA:</b> Mr. Brown has served as a <b>Construction Inspector</b> for this <b>\$77 million</b> 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 <b>I-10 bridge over Highland Road</b>, 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.</p>   |  |   |
| <b>01/19-03/19</b>                                       | <p><b>S.P. No. H.010661.6-2 (CE&amp;I), N. Flannery/Firewood/Cloverland Bridges, East Baton Rouge Parish, LA:</b> Mr. Brown has provided <b>Inspection services</b> as one of the inspectors for the replacement of <b>three bridges</b> 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.</p>   |  |   |

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



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| <b>10/08 – 09/10</b> | <b>Perkins Road Improvements (Essen Lane to Siegen Lane), East Baton Rouge, LA:</b> Mr. Brown served as Survey Party Chief for construction layout for the Perkins Road Improvement Project from Essen-Siegen Lane. The project involved rehabilitation of a two-lane roadway with open ditches to a five-lane roadway with underground drainage, mechanical and electrical components, and sanitary sewer and water lines  |
| <b>10/10- 08/12</b>  | <b>Construction of Levees, LPV 20.2:</b> Mr. Brown served as <b>Construction Inspector</b> 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 |
| <b>11/10-08/12</b>   | <b>Quality Assurance Representative, (QAR III):</b> Mr. Brown provided <b>quality assurance services</b> 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 with sand and uncompacted fill. The quantity of the R2200 graded stone was over 317,000 tons.   |
| <b>10/09-11/10</b>   | <b>Quality Assurance Representative (QAR III):</b> Mr. Brown provided <b>quality assurance services</b> for LPV 19.2, reach 4 Earthen Levee berm enlargement. The project was over 7200 feet of levee along Lake Pontchartrain in Metairie. Degraded, explored, repaired, and rebuilt sections. As well as enlarging the reach for improved integrity.  |
| <b>02/09- 08/10</b>  | <b>Harvey Canal Floodwall, Harvey, LA:</b> 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   |
| <b>01/07-02/08</b>   | <b>Essen Lane to Siegen Roadway Improvement, Baton Rouge, LA:</b> Mr. Brown served as Survey Party Chief for construction layout for the Perkins Road Improvement Project from Essen-Siegen Lane. The project involved rehabilitation of a <b>two-lane roadway</b> with open ditches to a five-lane roadway with underground drainage, mechanical and electrical components, and sanitary sewer and water lines.  |
| <b>11/94-10/06</b>   | <b>Survey Technician, Baton Rouge, LA:</b> Mr. Brown served as Surveying Technician for 12 years. He planned field work schedules based on job specific data needed (subdivision maps, flood maps, area elevation benchmarks, chain of title, legal property description) and performed specific tasks including boundary surveys, elevation studies, determinations of structure placement, and determination of minimum elevation of structures. He also prepared field notes for drafting including boundary survey drawings, slab survey drawing, as-built survey drawings, subdivision drawings, ALTA survey drawings, and reviewed and edited drawings using AutoCAD.   |

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

## 16. Staff Experience

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| Firm employed by <b>Volkert, Inc.</b>                    |  |   |   |
| Name   | <b>Brandon Carpenter</b>   |   | Years of relevant experience with this employer     |
| Title  | <b>Certified Inspector</b>   |   | Years of relevant experience with other employer(s) |
| Degree(s) / Years / Specialization                       |  | <b>N/A</b>  |   |
| Active registration number / state / expiration date     |  | <b>N/A</b>  |   |
| Year registered  | <b>N/A</b>   | Discipline  | <b>N/A</b>  |
| Contract role(s) / brief description of responsibilities |  | <b>Mr. Carpenter will be working as Certified Inspector for this project.</b> |   |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).  |   |   |
| <b>20 Years of experience</b>                            | <p><i>Mr. Carpenter has 14 years experience with Volkert and serves as Construction Inspector for Louisiana based roadway and bridge projects. Mr. Carpenter has greater than 5 years of entering data into DOTD’s Site Manager system. This includes data for daily reports, scanning documents into the construction document upload files, LIMS data and Site Manager Materials. His certifications are shown below:</i></p> <ul style="list-style-type: none"> <li>• <i>ATSSA Flagger</i></li> <li>• <i>ATSSA Traffic Control Supervisor</i></li> <li>• <i>LADOTD Embankment and Base Course Inspector/Technician</i></li> <li>• <i>LADOTD Structural Concrete Inspector</i></li> <li>• <i>PCI Level III Quality Control Technician/Inspector</i></li> </ul> |   |   |
| <b>06/2016 – 10/2019</b>                                 | <b>US 11: Lake Pontchartrain Rehab Phase I, Orleans and St. Tammany Parishes, LA (LADOTD)</b>   Volkert was responsible for all CE&I services. This project consisted of repairs of damaged bridge elements of the US 11 bridge over Lake Pontchartrain connecting Slidell, LA to New Orleans, LA. The bridge is 4.639 miles in length and was opened to traffic in 1928. The repairs include Carbon Fiber Reinforced Polymer (CFRP) repairs to the girders, caps, and piles, structural concrete repairs to the bridge deck and diaphragms and encasement of all piles on the project. Mr. Carpenter provided field inspection on this project.   <b>S.P. No. H.010016</b>  |   |   |
| <b>2008 – Ongoing</b>                                    | <b>Retainer Contract for Fabrication Inspection, Statewide, LA (LADOTD)</b>   This project consists of fabrication contract administration and fabrication engineering inspection services for fabrication plants in and out of state. Volkert is responsible for fabrication contract administration and fabrication engineering inspection services for all precast prestressed concrete cast for this project. Mr. Carpenter providing field inspection on this project.   <b>S.P. No. 700-99-0427, S.P. No. 4400001613, S.P. No. 4400008958</b>  |   |   |
| <b>2006 - 2011</b>                                       | <b>I-10 Twin Span Bridge Over Lake Pontchartrain Low Level Portions and Main Spans in Orleans and St. Tammany Parishes, Louisiana for the Louisiana Department of Transportation and Development (LADOTD)</b>   Inspector. The new bridge was designed for a 100-year life and will be built 300 feet to the east of the current bridge. The bridge has an elevation of 30 feet, 21 feet higher than the existing bridge, with an 80-foot high-rise section near the Slidell side to allow for marine traffic and withstand a much higher storm surge. The 60-foot width of each span  |   |   |

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|                          | included three 12-foot lanes and two 12-foot shoulders on each side. The bridge was designed to include reinforced concrete walls to increase storm surge resistance and minimize the effects of any barge collision. Mr. Carpenter provided field inspection on this project. <b>S.P. Nos. 450-17-0025, 450-17-0028</b>  |
| <b>02/2020 - Ongoing</b> | <b>LA 23: Belle Chasse Bridge and Tunnel (HBI) Improvements, Plaquemines Parish (LADOTD)</b>   Mr. Carpenter is serving as Sr. Construction Inspector for the Owner Verification Team on the Belle Chasse Bridge and Tunnel Improvements. Volkert will be responsible for providing all Engineering Design and Construction Support services including implementation of the Construction Quality Assurance Plan for the Belle Chasse Bridge & Tunnel Public Private Partnership (P3) Project which provides for the replacement of the Belle Chasse Tunnel and Judge Perez Lift Bridge with a new toll bridge. This includes the development of construction plans, bridge replacement plans, decommissioning of the Tunnel and development of O&M plans. As the OVT, Volkert will provide guidance and support to the LADOTD Project Manager prior to and during reviews, develop review comments, attend project meetings, ensure that the P3 adheres to their contract, and address other assignments as directed.   <b>S. P. No. H. 004791.6</b>   |
| <b>04/2019 – 01/2024</b> | <b>DPW564 Pontilly Drainage Upgrade PW8145328, K19 – 199, for the City of New Orleans.</b> Inspector. Volkert provided professional resident inspection, reporting, and verification services for eligible street repairs on assigned streets within the project boundary area. The Pontilly Neighborhood Stormwater Network project reduced flood risk and beautified green spaces in the Pontchartrain Park and Gentilly Woods neighborhoods through the construction of green infrastructure strategies. The project combined improvements to the Dwyer Canal with a network of interventions along streets, in alleyways, and within vacant lots designed to slow and store stormwater. These strategies reduced the burden on the strained drainage system, reduce land subsidence, and improved water quality - all while beautifying the neighborhood.   |
| <b>10/2011 – 3/2015</b>  | <b>I-10: Veterans Boulevard to Clearview Parkway in Jefferson Parish, LA (LADOTD)</b>   Volkert provided construction contract administration and CE&I services for additional lanes on I-10 between Veterans Boulevard and Clearview Parkway in Metairie, Louisiana. The project consisted of adding lanes and full width shoulders in each direction to the existing roadway and bridges, increasing drainage capacity, cold planing asphaltic pavement, Class II base course, Superpave asphaltic concrete pavement, asphaltic concrete SMA wearing course, new roadway signing and lighting, sound barrier walls, slab span and girder span bridges, pavement markings, waterline relocation, sewer force main relocation, and related work. Mr. Carpenter provided field inspection on this project. Mr. Carpenter was responsible for inspecting pile driving operations, forming operations, reinforcing steel operations, and concrete placement, which included the inspection of embankment and base course, structural steel, reinforcing steel, structural concrete, and traffic control.   <b>State Contract No. 450-15-0099</b> |

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

**16. Staff Experience:**

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

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

**16. Staff Experience:**

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| Firm employed by <b>ECM Consultants, Inc.</b>            |   |            |  |           |
| Name   | <b>Herman Callais</b>   |            | Years of relevant experience with this employer                  | <b>2</b>  |
| Title  | <b>Construction Inspector</b>   |            | Years of relevant experience with other employer(s)              | <b>18</b> |
| Degree(s) / Years / Specialization                       |   |            | <b>High School Diploma</b>                                       |           |
| Active registration number / state / expiration date     |   |            | <b>N/A</b>   |           |
| Year registered  | <b>N/A</b>  | Discipline | <b>N/A</b>   |           |
| Contract role(s) / brief description of responsibilities |   |            | <b>Mr. Callais will serve as an Inspector for this contract.</b> |           |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).   |            |  |           |
| <b>20 years of experience</b>                            | <b>Mr. Callais has over 20 years’ experience performing construction inspection services. He is a certified ATSSA Work Zone Traffic Control Flagger, Technician &amp; Supervisor.</b>   |            |  |           |
| <b>02/22-Ongoing</b>                                     | <b>LA 1: Leeville to Golden Meadow (Phase 2) - \$463 million Construction Cost.</b> This is an 8.63-Mile-long fixed concrete bridge, constructed over the marshlands between the town of Leeville, LA and Golden Meadow, LA. Due to environmental concerns, the bridge needs to be constructed with no direct contact with the marshlands, with the exception of temporary steel support piles and the bridge’s permanent concrete support pilings. The project is to be constructed by “Top-Down” method of construction where a moveable temporary steel support bridge is built and occupied by the Contractor’s construction equipment, while the permanent concrete bridge is built below. The temporary steel support bridge will be approximately 2,000 foot in length and will be advanced forward as the concrete bridge is built below. Construction involves building the temporary steel support bridge to support all construction equipment; permanent concrete pile driving; installation of precast concrete pile caps; installation of precast concrete girders; pouring of concrete decks and concrete barrier rails. ECM Consultants, Inc. is performing all the <b>CE&amp;I Service</b> for this project. Mr. Callais is the <b>head inspector</b> over the concrete pile driving operations. Herman is the Supervisor over other Consultant Inspectors working on pile driving inspections, completing all the required data sheets on blow counts, the size of the hammer the height of the fall of the ram weight driving the pile. The data sheets are sent into the DOTD Geotechnical Sections to determine if the piles driven reach the required capacity for support of the bridge structure. |            |  |           |
| <b>03/13-07/18</b>                                       | <b>Uncle Sam Gypsum Stack, St. James Parish, LA:</b> Herman was employed by Ardaman & Associates, Inc, performing inspection services over Contractors installing liners and clay soil covers over the liners on the Gypsum stacks. He was responsible for overseeing the installation of the steel textile liners and installation of embankment over the liners performing density test on the embankment.  |            |  |           |
| <b>12/06-08/11</b>                                       | <b>LA1 Bridge &amp; Elevated Highway-</b> Herman worked for Ardaman & Associates, Inc, performing inspection on concrete pile driving operations. Herman would record the blow counts, the size of the hammer and the height of the fall of the ram weight driving the pile. Herman would send in the data Sheets to the DOTD Geotechnical Sections to determine if the piles driven reach the required capacity for support of the bridge structure.   |            |  |           |

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



**16. Staff Experience:**

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| Firm employed by <b>ECM Consultants, Inc.</b>            |  |  |            |
| Name   | <b>Justin Snapp</b>  | Years of relevant experience with this employer                | <b>2</b>   |
| Title  | <b>Construction Inspector</b>  | Years of relevant experience with other employer(s)            | <b>3</b>   |
| Degree(s) / Years / Specialization                       |  | <b>High School Diploma</b>                                     |            |
| Active registration number / state / expiration date     |  | <b>N/A</b>   |            |
| Year registered  | <b>N/A</b>   | Discipline   | <b>N/A</b> |
| Contract role(s) / brief description of responsibilities |  | <b>Mr. Snapp will serve as an Inspector for this contract.</b> |            |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).  |  |            |
| <b>5 years of experience</b>                             | <b>Mr. Snapp has 5 years' experience performing construction inspection services. He is a certified ATSSA Work Zone Traffic Control Flagger &amp; Supervisor.</b>  |  |            |
| <b>Ongoing</b>   | <b>Program and Construction Management for 2017 Jefferson Parish Road Bond Project, Jefferson Parish, LA (W. Metairie Avenue Improvements):</b> Mr. Snapp is providing inspection services for this project that involves complete reconstruction of W. Metairie Avenue including subsurface drainage systems, and replacement of water and sewer systems and canal stabilization. Work includes PCC paving, new base, concrete curb, sidewalks, driveway aprons and ADA compliant ramps at roadway intersections. Mr. Snapp's work included overseeing roadway, utility and incidental construction, preparation of the report, quantity take off and ensuring that the project is being constructed as per the plans and ensured ADA compliance in all incidental paving to include sidewalks, driveways and ADA accessible ramps. |  |            |
| <b>2022</b>  | <b>Read East Group E, New Orleans, LA:</b> Mr. Snapp served as an Inspector for this project. The road was damaged because of floodwater from Hurricane Katrina in August 2005. The project included street repairs and restoration, utility relocation and ADA ramps. Mr. Snapp work included overseeing roadway, utility and incidental construction, preparation of the report, quantity take off and ensuring that the project is being constructed as per the plans and ensured ADA compliance in all incidental paving to include sidewalks, driveways and ADA accessible ramps.   |  |            |
| <b>2022</b>  | <b>City Park Group A, New Orleans, LA -</b> Mr. Snapp provided inspection services for this project that involved complete reconstruction of 62 blocks of neighborhood residential roadways including subsurface drainage systems, and replacement of water and sewer systems as required. Work includes asphalt paving, PCC paving, new base, concrete curb, sidewalks, driveway aprons and ADA compliant ramps at roadway intersection. Resident Inspector included overseeing roadway, utility and incidental construction. Also ensured ADA compliance in all incidental paving to include sidewalks, driveways and ADA accessible ramps.  |  |            |
| <b>2021</b>  | <b>Village de L'est, New Orleans, LA:</b> Mr. Snapp served as an Inspector for this project. The road was damaged because of floodwater from Hurricane Katrina in August 2005. The project included street repairs and restoration, utility relocation and ADA ramps. Mr. Snapp work included overseeing roadway, utility and incidental construction, preparation of the report, quantity take off and ensuring that the project is being constructed as per the plans and ensured ADA compliance in all incidental paving to include sidewalks, driveways and ADA accessible ramps.  |  |            |

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

**16. Staff Experience:**

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| Firm employed by <b>ECM Consultants, Inc.</b>            |   |            |  |    |
| Name   | Emilio Rodriguez  |            | Years of relevant experience with this employer  | 12 |
| Title  | Senior Construction Inspector   |            | Years of relevant experience with other employer(s)  | 20 |
| Degree(s) / Years / Specialization                       |   |            | Technical Architecture (Construction) / 1989   |    |
| 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 <b>32 years of experience</b> as an inspector. He has provided inspections for <b>bridge</b> construction and rehabilitation, coatings, and painting, in- service bridge inspections, periodic inspection of earthen levees, rock dikes construction, erosion protection, and coastal restoration projects. <b>Mr. Rodriguez will serve as a coating Inspector for this contract.</b> He will perform painting inspections and other items under the supervision of DOTD certified inspector. |    |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).   |            |  |    |
| 32 years of experience                                   | Mr. Rodriguez has over 32 years of experience as an inspector. He has provided inspections for bridge construction and rehabilitation, coatings and painting, in- service bridge inspections, periodic inspection of earthen levees, rock dikes construction, erosion protection, and coastal restoration projects. He has the following certifications: <ul style="list-style-type: none"><li>NACE certified Coating Inspector Level 2 #40575</li><li>ATSSA Work Zone Traffic Control Flagger, Supervisor.</li><li>NHI Bridge Inspection.</li><li>Movable Bridge Inspection.</li><li>DOT/FAA Drone Remote Pilot</li><li>Aerial Boom Lifts</li><li>Scissor Lifts</li><li>OSHA-10</li></ul>  |            |  |    |
| 05/18 – 07/19  | I-10: Highland to LA 73 Design-Build Project   LADOTD   East Baton Rouge/Ascension Parish, LA: Mr. Rodriguez served as one of the <b>Construction Inspector</b> for this <b>\$77 million</b> design-build project to widen I-10 from four to six lanes in both east and westbound directions, <b>bridge</b> 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 rehibition of two bridges over I-10, <b>elevated roadway</b> , on grade roadway including earthwork, subbase and base, drainage, utilities relocation, PCC pavement, concrete barrier railing, roadway lighting and striping. |            |  |    |

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

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| 02/11-08/13 | <b>S.P. No. H.003203.6, (CE&amp;I), I-10 Calcasieu River Bridge Repairs, LADOTD, Calcasieu Parish, LA.</b> Mr. Rodriguez provided <b>construction inspection</b> 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, & associated repairs to the <b>approach roadway</b> 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. He also provided inspection of <b>surface preparation and application of protective coating</b> for all structural steel components. This also involved monitoring ambient conditions, coating mixing, wet and dry film thickness and final coating cure, cleaning, and removal of lead-based paint.  |
| 06/09-10/16 | <b>S.P. No. 064-05-0085, Bayou Lafourche Bridge at Larose, (CE&amp;I), LADOTD, Lafourche Parish, LA:</b> for construction engineering and inspection <b>(CE&amp;I) services</b> for this <b>\$32 million</b> vertical lift bridge. This 122' x84' movable section is the largest span lift bridge in the state. Work involved <b>marine pile driving, concrete piers</b> , steel bridge, anchor bolts, bolted connections, approach <b>roadways</b> , etc. He inspected surface preparation and field painting/protective coating of main deck span, lift heads, and installation of various mechanical components.  |
| 08/09-12/10 | <b>S.P. No. 742-26-0030: Lapalco Boulevard (US 90 to Segnette), Jefferson Parish/LADOTD; Jefferson Parish LA:</b> Mr. Rodriguez served as one of the <b>construction Inspector</b> for this <b>\$10.8 million</b> project involving construction contract administration, <b>CE&amp;I services</b> . Work included rehabilitation of an existing two-lane asphalt roadway that involved cold planing, widening, class II base course, Superpave asphaltic concrete and new construction of two additional lanes, including widening of an existing bridge, construction of a new cast-in-place prestressed concrete girder bridge, and construction of several box culverts. New roadway included embankment, class II base course, asphaltic base and wearing courses, striping and traffic signals. He was involved in the project after Katrina to completion of the project  |
| 03/11-05/12 | <b>S.P. No. H.006318.6, (CE&amp;I): St. Ann Bridge over Bayou Terrebonne   LADOTD   Terrebonne Parish, LA:</b> Mr. Rodriguez provided <b>construction inspection services</b> as one of the inspectors for this <b>\$4.2 million movable bridge</b> 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 <b>concrete bridge piers</b> and concrete slab span approaches over Bayou St. John to replace an existing single lane steel truss swing bridge structure. The scope included driving <b>prestressed concrete piles</b> , 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; <b>surface preparation and field painting/coating of girders</b> and all steel structural components, timber fender system, navigational lights and asphaltting <b>concrete roadway</b> construction. |
| 06/10-08/12 | <b>S.P. No. 713-38-0001 (CE&amp;I) Doullut Canal Bridge, LADOTD, Plaquemines Parish, LA.</b> Mr. Rodriguez served as one of the Inspector for CE&I services for this <b>\$11.8 million</b> project for construction of a bobtail swing span, movable steel girder 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. Work included <b>driving concrete piles, cofferdam construction</b> , and installation of all structural steel components of the movable bridge such as main girder, floor beams, cross bearings, and end dams and structural steel fabrication. Scope of work also included paint inspection of all girders for the swing bridge and steel grid flooring.  |
| 06/07-06/09 | <b>S.P. No. 713-38-0001 (CE&amp;I): Michaud Blvd. Bridges   LADOTD   Orleans Parish, LA:</b> Mr. Rodriguez provided CE&I services for this project involving demolition of the exiting and construction of <b>two bridges</b> . Work included <b>driving piles</b> , pile caps, concrete slab, approach slabs, asphalt roadway transitions, concrete barrier railing, and wing walls and utilities relocations. His responsibilities included monitoring, observing, documenting and preparing daily reports with all details and to ascertain that work is done in conformance with contract documents.   |

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

**16. Staff Experience:**

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| Firm employed by <b>Gresham Smith</b>                    |   |  |            |
| Name   | <b>Daniel Knott</b>   | Years of experience with this employer   | <b>8</b>   |
| Title  | <b>ITS/Traffic Signal/Electrical Inspector</b>  | Years of experience with other employer(s)   | <b>38</b>  |
| Degree(s) / Years / Specialization                       | <b>IMSA / Traffic Signal Field Technician Level II</b><br><b>IMSA / Fiber Optics Level II</b><br><b>Light Brigade / Fiber Optic Design, Installation, and Maintenance</b>   |  |            |
| Active registration number/state /expiration date        | <b>N/A</b>  |  |            |
| Year registered  | <b>N/A</b>  | Discipline   | <b>N/A</b> |
| Contract role(s) / brief description of responsibilities |   | <b>Daniel will provide inspection services for ITS/Traffic Signal/Electrical portions of this contract</b> |            |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).   |  |            |
| <b>46 years of Experience</b>                            | <i>Mr. Knott has over 46 years’ experience in Construction Engineering Inspection Services as a lead technician performing Traffic Signal, ITS and electrical inspections. He assisted with the daily field CE&amp;I inspections, logging in the daily diaries and implementing project requirements. He is ATSSA Certified Flagger, Technician, Supervisor</i>   |  |            |
| <b>11/22 – Ongoing</b>                                   | <b>LADOTD, CEI - H.013256, Scott to Lake Charles ITS, CEI, Lake Charles, LA   ITS Technician – Lead.</b> Gresham Smith is providing Construction Engineering Inspection Services, including a project engineer, on-site daily/ nightly inspection and Technical construction inspection, throughout construction. Dan is responsible for assisting with the daily field CE&I inspections, logging in the daily diaries, and ensuring project requirements are followed. |  |            |
| <b>12/18 – 5/24</b>                                      | <b>Lafayette Consolidated Government (LCG), Adaptive Traffic Signal Design and Implementation, Lafayette Parish, LA   ITS Technician - Lead.</b> Daniel supported field verification of LCG’s TSI, design plans for adaptive signal control intersections, and integration when the system is completed.  |  |            |
| <b>12/17 – Ongoing</b>                                   | <b>MDOT, ITS CEI, US 49 from Florence to Scale Area, Florence, MS   ITS Technician - Lead.</b> Gresham Smith is providing construction administration and inspection services on the ITS elements included in the US 49 from Florence to the Scale Area Project. Daniel is responsible in leading the daily field CE&I inspections, logging in the dailies, and implementing project requirements.  |  |            |
| <b>5/17 – Ongoing</b>                                    | <b>LADOTD, ITS Design and Implementation, WO#6: Fiber Optic Mapping and Management, Tangipahoa, St. Tammany, St. John and Orleans Parishes, LA   ITS Technician - Lead.</b> Daniel was responsible for drafting updates onto the master database.   |  |            |
| <b>1/19 – 3/24</b>                                       | <b>LADOTD, ITS CEI Retainer, Lake Charles Phase 3 ITS, CEI, Lake Charles, LA   ITS Technician - Lead.</b> Gresham Smith is providing construction Engineering Inspection Services, including a Project Engineer, on-site daily/nightly inspection and technical construction inspection, throughout the course of construction. Daniel assisted with the daily field CE&I inspections, logging in the daily diaries, and ensuring project requirements are followed.    |  |            |
| <b>3/18 – 9/21</b>                                       | <b>LADOTD, ITS CEI Retainer, Signal Communications Upgrade Phase 1, CEI, Various, LA   ITS Technician – Lead.</b> Daniel was responsible in leading the daily field CE&I inspections, logging in the dailies, and ensuring project requirements were followed.  |  |            |

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

**16. Staff Experience:**

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| Firm employed by <b>ECM Consultants, Inc.</b>            |  |            |  |    |
| Name   | Anatole Hammer   |            | Years of experience with this firm/employer                                    | 8  |
| Title  | Construction Inspector (Electrical)  |            | 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  | N/A  | Discipline | N/A  |    |
| Contract role(s) / brief description of responsibilities |  |            | He will perform inspection of Street lighting, electrical and control systems. |    |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).  |            |  |    |
| 28 years of experience                                   | <p>Mr. Hammer has 28 years' experience as an inspector. He has provided inspections specializing in electrical systems. He has the following certification:</p> <ul style="list-style-type: none"> <li>• Density Testing for Embankment and Base Course</li> <li>• ATSSA Work Zone Traffic Control Flagging, Technician &amp; Supervisor</li> <li>• OSHA-10</li> </ul>   |            |  |    |
| 10/15- On going  | <p>DPW Project No. 15-CN-MS-0008: SSO Program, City of Baton Rouge/East Baton Rouge Parish DPW, Baton Rouge, LA: Mr. Hammer provides construction inspection for projects under the \$900 million SSO Program undertaken by City of Baton Rouge to mitigate EPA consent decree. Mr. Hammer's responsibilities included inspection of electrical and control systems for the pump stations and Waste Treatment Plant. Installation of central SCADA system included miles of fiber optics lines for remote monitoring and control of wastewater infrastructure. The SCADA system includes interface between 450 pump stations, the South WWTP control room, the Choctaw Maintenance Facility control room, the Advanced Traffic Management-Emergency Operations Center (ATM-EOC), the Central control room., network equipment, network infrastructure and installation of cameras and exterior and interior lighting.</p>  |            |  |    |
| 02/15-10/15  | <p>Electrical Inspector / QA/QC (while working for M. Martin Consulting Co.): Mr. Hammer was responsible for inspecting the installation of electrical systems and equipment to ensure that they comply with electrical codes and standards. He performed construction site visits and performed inspection for compliance with plans and specifications. His primary responsibilities were to examine electrical systems and equipment, inspect new and existing sound and security systems, wiring, interior and exterior lighting, motors, and generating equipment. He kept records and wrote reports and reported findings to contractors or government agencies. He identified and reported non-compliant installations, examined and inspected wire harnesses, control panels, coaxial cables, and electrical jig boards, for completeness of assembly, quality, and conformance to plans. He inspected wiring of assemblies for accuracy of stripping, soldering, and crimping, and for defects.</p> |            |  |    |
| 02/14 - 01/15  | <p>I&amp;E Production Technician (while working for Wood Group PSN). Mr. Hammer provided field instrumentation support for all process equipment from well head devices through each control element to the termination at the operator's control panel. Maintained and Inspected pneumatic, hydraulic, electro-mechanical and electronic elements and tie into a LAN and telemetry-based SCADA system. Develop and safely execute work plans covering installation, calibration, inspection, and troubleshooting tasks within a work order driven system, to minimize production impacts and enhance the reliability of the operation. Review and generate PLC programming to meet facility and project requirements within industrial and corporate standards.</p>   |            |  |    |

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



**16. Staff Experience:**

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| Firm employed by <b>ECM Consultants, Inc.</b>            |  |  |  |
| Name   | Sunina Shrestha, P.E., PMP   |  | Years of experience with this firm/employer        |
| Title  | Assistant Vice President   |  | Years of experience with other firm(s)/employer(s) |
| Degree(s) / Years / Specialization                       |  | M.S. / 2008 / Civil Engineering  |  |
| Active registration number / state / expiration date     |  | 37901 / LA / 09/30/2025: LA PMP 4043790  |  |
| Year registered  | 2013   | Discipline   | Civil, Hydraulic and Hydrologic Engineering        |
| Contract role(s) / brief description of responsibilities |  | Ms. Shrestha will serve as an Additional Project Engineer for Staff Augmentation Services. |  |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).  |  |  |
| <b>17 years of experience</b>                            | <i>Ms. Shrestha has 17 years' experience in hydraulic analysis, drainage studies and design, roadway projects design involving reconstruction, rehabilitation, new construction as well as complete and smart streets. Her experience also includes preparation of PS&amp;E and engineering review of designs and construction plans and specifications for various roadway projects. Ms. Shrestha is certified ATSSA Supervisor and Flagger.</i>  |  |  |
| <b>03/2022-Ongoing</b>                                   | <b>West Shore Lake Pontchartrain Flood Risk Reduction Project Segments WSLP 102 and 106, St. Charles Parish, LA: Project Civil Engineer.</b> The purpose of this \$134 Million project is to construct a <b>100-year level flood risk reduction system</b> for the residents of the three parishes. The WSLP 102 and WSLP 106 of approximately 2 miles, is a part of 18.5 miles long West Shore Lake Pontchartrain project at its east approach. The salient features of this contract are <b>earthen Levees, T-walls, and a Drainage Structure</b> in the Montz canal with four (4) stainless <b>steel sluice gates</b> . The flood mitigation configuration is such that a portion of T-wall construction in this reach crosses the existing I-10 alignment and must be constructed under the I-10 east bound and west bound bridges. The scope of work of the WSLP 102 & 106 contracts includes engineering design, and preparation of PS&E for all civil, structural, mechanical, electrical, and geotechnical engineering considerations. She is responsible for all civil engineering design for levees and interior and exterior drainage canals and related work for both the segments. ECM is currently providing EDC services. |  |  |
| <b>07/20-02/21</b>                                       | <b>Severn Avenue Reconstruction: Veterans to W. Esplanade, Jefferson Parish, LA, DPW:</b> Ms. Shrestha served as project engineer for this \$14 million project on Severn Avenue from Veterans Boulevard to West Esplanade Avenue. She was responsible for design coordination and preparation of plans, specifications, and estimates (PS&E) for the replacement of existing roadway with PCC pavement, concrete curb, sidewalks and driveway aprons with new 6-foot wide sidewalk and driveway aprons, replacement/upgrade of subsurface drainage, addition of turn lanes at 17th street and West Esplanade Avenue. The project involves traffic control planning to include sequential lane closures to maintain two lanes open at all times, and phased construction in order to accommodate seasonal traffic peaks as well as access to businesses.   |  |  |
| <b>10/15-11/17</b>                                       | <b>DPW No. 2000-B01, Gravier Street Improvements (Between South Galvez and South Broad), City of New Orleans-DPW, New Orleans, LA:</b> Ms. Shrestha provided civil engineering design and <b>construction phase engineering services</b> for this \$4.8 million project for roadway reconstruction including storm drainage, sidewalk improvements, and water & sewer improvements. She assisted the project engineer in coordination with various agencies, submittal reviews and management, resolution of field issues in consultation with inspector and project manager, and site visits as needed.   |  |  |

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

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| 10/14-05/17 | <b>2014-001E-CIP, Williams Boulevard / Vintage Drive Roadway, Drainage and Enhancement Improvements (West Side of Williams Boulevard):</b> Ms. Shrestha provided engineering design and <b>construction administration</b> for this project which included the widening of the U-turn Lane and extension of the triple barrel 7'x6'box culvert on west side of Williams Boulevard at Vintage Drive. Scope of work includes demolition of existing U-turn pavement and median, construction of new widened U-turn asphaltic pavement, concrete curb, and gutter and median with sidewalk and handicap ramps. The project also included landscaping with irrigation and lighting services   |
| 02/11-04/13 | <b>S&amp;WB No. 4178CE, Rehabilitation of Jefferson Avenue in Conjunction with Drainage Box Canal (South Claiborne to Dryades), SWBNO; New Orleans, LA:</b> Ms. Shrestha provided project management and civil engineering design services for this \$50 million project extending from S. Claiborne Ave. to Dryades St. The project consisted of removal and replacement of street paving and curbs, relocations of water and sewage lines and local drainage lines, traffic detour and control plans, street light removal, and drainage culvert. Design work was coordinated with both USACE and the S&WB and performed in accordance with the LADOTD Hydraulics Manual. She also provided construction administration services. |
| 05/15-09/16 | <b>Strain Road Bridge over Drainage Bayou, Baton Rouge, LA:</b> Ms. Shrestha served as project engineer for this project involving design and preparation of PS&E for the replacement of Strain Road bridge. The scope included complete removal of the existing bridge structure and removal and replacement of a two-lane asphaltic concrete approach roadway including improvements to roadway drainage.   |
| 11/16- 2021 | <b>West Metairie Bridge, Jefferson Parish, LA:</b> Ms. Shrestha provided civil engineering services for this bridge replacement project. Scope of work included preparation of construction documents, plans and specifications, for replacement of existing bridge on West Metairie Ave over Soniat Canal. The work included demolition of the existing bridge, design of 100 feet cast in place bridge with Quad Prestressed Concrete Beams, design of approach slabs and erosion protection as necessary. The analysis and design of the bridge is performed in conformance with the AASHTO LRFD Bridge Design Standards as well as the requirements of Louisiana LRFD Bridge Design Manual, Latest edition.                     |

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

**16. Staff Experience:**

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| Firm employed by <b>ECM Consultants, Inc.</b>            |   |   |   |
| Name   | <b>Kenneth Free, P.E.</b>   |   | Years of relevant experience with this employer     |
| Title  | <b>Senior Project Engineer</b>  |   | Years of relevant experience with other employer(s) |
| Degree(s) / Years / Specialization                       |   | <b>BS/1988/Civil Engineering</b>  |   |
| Active registration number / state / expiration date     |   | <b>#25185/Louisiana/09.30.2025</b>  |   |
| Year registered  | <b>1993</b>   | Discipline  | <b>Civil Engineering</b>                            |
| Contract role(s) / brief description of responsibilities |   | <b>Mr. Free will serve as Project Engineer for Staff Augmentation Services for this contract.</b> |   |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).   |   |   |
| <b>36 years of experience</b>                            | <p><i>Mr. Free is a <b>Construction and QC/QA specialist</b> who offers in depth understanding of how to optimize quality because of his 33-year career delivering roadway and bridge construction, and contract administration with LA DOTD, and 2 years as owner of Delta Design Professionals, LLC. He has prepared and implemented quality plans and procedures for LA DOTD projects including highway and bridge construction, rehabilitation, debris removal operations, emergency reconstruction and civil site design. Mr. Free previously served as <b>LA DOTD District 58 Administrator</b> where he led an over 200-person multidisciplinary staff and assured quality delivery as he directed all of Chase District operations including construction, maintenance, engineering, public works, traffic services, business, ferry operations, roads, bridges and other LA DOTD facilities throughout the <b>District 58 six parishes</b>. He was responsible for staffing construction projects, maintenance, operations including movable bridges and miscellaneous incidents 24/7 for the entire District. Mr. Free also served in the capacity of Project Engineer, District Construction Engineer, Area Engineer, and Operations Engineer. <b>He is certified TCT and Flagger.</b></i></p> |   |   |
| <b>2020-2020</b>   | <p><b>US 84, UP Railroad Overpass: LADOTD, LaSalle Parish, LA:</b> Mr. Free served as District Administrator for this construction inspection project. The project involved the construction of a temporary detour bridge and replacement of a girder span bridge over the UP Railroad. Work consisted of pile driving, deck construction, asphaltic concrete, embankment, class II base course, drainage, utility relocation and other incidental items. The project involved coordination and Project Development with the design team, UP railroad, utility companies, and other stake holders. Due to the nature of the project and potential lengthy detour, the project required extensive Public and Legislative Outreach.</p>   |   |   |
| <b>2021-2021</b>   | <p><b>Grant Parish Line – US 84: LADOTD, LaSalle Parish, LA:</b> Mr. Free served as District Administrator for this construction inspection project. The project involved base reconstruction and overlay of the existing roadway. Work consisted of embankment, lime treatment, class II base course, asphaltic concrete, curve superelevation correction, drainage, utility relocation and other incidental items. Extensive research, surveying and negotiations with the contractor were required to identify and correct superelevation construction errors during the project.</p>  |   |   |
| <b>2020-2021</b>   | <p><b>LA 15, LA 131 – US 84: LADOTD, LaSalle Parish, LA:</b> Mr. Free served as District Administrator for the budgeting and design phase of this project. The work consisted of pavement patching, overlay of the existing roadway, paved shoulders, and bicycle lane. Mr. Free worked closely with Local Legislators and LA DOTD Executive staff on funding allocation for the project. He also worked with District 58 design team and Headquarters design team addressing issues with design standards on plan development.</p>   |   |   |
| <b>2018-2020</b>   | <p><b>LA 506, Castor, Castor Relief &amp; Drain Bridges: LADOTD, Caldwell Parish, LA:</b> Mr. Free served as District Administrator for this construction inspection project. The project involved replacement of a series of bridges in the Caster Creek flood basin. Extensive coordination with the design team, utility companies, and other stakeholders were required for plan development. Work consisted of pile driving, deck construction, asphaltic concrete, embankment, class II base course, drainage, utility relocation and other incidental items. To complete the project efficiently and successfully with the least inconvenience to motorists, an existing parish road was utilized as a detour with LA DOTD assuming maintenance of the parish facility. Mr. Free was also involved in Public and Legislative Outreach. Mr. Free established weekly project meeting to address failing materials, project delays, and other related issues.</p>   |   |   |

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

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| <b>2005- 2010</b> | <b>Black River Bridge and Approach: LADOTD, Catahoula Parish, LA:</b> Mr. Free served as DOTD Construction Engineer for this construction inspection project to construct the bridge approach to a new girder span bridge that was previously constructed over the Black River. The new bridge approach was constructed to current clearance standards for marine vessels as required by the US Coast Guard. This work consisted of pile driving, coffer dams, installing prestressed concrete girders, deck construction, on grade roadway, earthwork, subbase and base, drainage, utilities relocation, PCC pavement, asphaltic concrete pavement, concrete barrier railing, sound barrier, and MSE Wall construction. He was responsible for overseeing the LADOTD Project Engineer who was responsible for project inspection and contract administration and the District Laboratory Engineer responsible for sampling and testing to ensure compliance with the project's plans and specifications. Work included traffic phasing where traffic lanes were adjusted to allow for the completion of the project section by section. Const. \$31.2M  |
| <b>2004-2011</b>  | <b>US 165, Grayson - Columbia: LADOTD, Caldwell Parish, LA:</b> Mr. Free served as DOTD Construction Engineer for this construction inspection project to construct a divided and undivided roadway from Grayson to Columbia. Work consisted of asphaltic concrete, jointed concrete pavement, embankment, lime treatment, class II base course, drainage, utility relocation and other incidental items. He was responsible for overseeing the LADOTD Project Engineer who was responsible for project inspection and contract administration and the District Laboratory Engineer responsible for sampling and testing to ensure compliance with the project's plans and specifications. Mr. Free was also involved in Public and Legislative Outreach necessary throughout project phasing. Work included traffic phasing where traffic lanes were adjusted to allow for the completion of the project section by section. Const. \$22.5M.  |
| <b>2005-2008</b>  | <b>Clayton - Greenville: LADOTD, Catahoula Parish, LA:</b> Mr. Free served as DOTD Construction Engineer for this TIME construction inspection project to construct a 800 ft girder bridge and divided roadway from Clayton to Greenville. Work consisted of pile driving, installing prestress concrete girders, deck construction, barrier rail, embankment, lime treatment, class II base course, drainage, asphaltic concrete, utility relocation and other incidental items. Mr. Free worked closely with TIME Manager construction QC/QA team for project delivery. Mr. Free was also involved in Public and Legislative Outreach necessary throughout project phasing. Const. \$13.7M.  |
| <b>2006-2010</b>  | <b>LA 4, Tensas River Bridge, Franklin Parish, LA:</b> Mr. Free served as DOTD Construction Engineer and Area Engineer for this construction inspection project to construct a new girder span bridge over the Tensas River. This work consisted of pile driving, installing prestressed concrete girders, deck construction, concrete barrier rail, on grade roadway including earthwork, subbase and base, drainage, utilities relocation, and asphaltic concrete pavement construction. As District Construction Engineer, he was responsible for overseeing the LADOTD Project Engineer who was responsible for project inspection and contract administration and the District Laboratory Engineer responsible for sampling and testing to ensure compliance with the project's plans and specifications. As Area Engineer, he was also responsible for overseeing maintenance of the facility after construction. Const. \$5.2M  |
| <b>2001-2010</b>  | <b>US 165, State Routes in Columbia (Main Span) and Roadway: LADOTD, Caldwell Parish, LA:</b> Mr. Free served as DOTD Project Engineer and District Construction Engineer for this construction inspection project to construct a new girder span bridge over the Ouachita River with approaches and undivided roadway through Columbia. The new bridge was constructed to current clearance standards for marine vessels as required by the US Coast Guard. This work consisted of pile driving, drill shafts, two coffer dams, installing prestressed concrete girders, steel girders, deck construction, marine lighting, on grade roadway including earthwork, subbase and base, drainage, utilities relocation, PCC pavement, asphaltic concrete pavement, concrete barrier railing, MSE Wall construction. He was responsible for contract administration and overseeing LADOTD certified inspectors for sampling and testing to ensure compliance with the project's plans and specifications. Mr. Free was also involved in Public and Legislative Outreach necessary throughout project phasing. Work included several phases where traffic lanes were adjusted to allow for the completion of the project section by section. Const. \$42.1M |

**16. Staff Experience:**

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| Firm employed by <b>ECM Consultants, Inc.</b>            |   |   |   |
| Name   | <b>William J. Oliver, Jr.</b>   |   | Years of relevant experience with this employer     |
| Title  | <b>Senior Project Engineer</b>  |   | Years of relevant experience with other employer(s) |
| Degree(s) / Years / Specialization                       |   | <b>BS/1985/Civil Engineering</b>  |   |
| Active registration number / state / expiration date     |   | <b>#23455/Louisiana/09.30.2025</b>  |   |
| Year registered  | <b>1989</b>   | Discipline  | <b>Civil Engineering</b>                            |
| Contract role(s) / brief description of responsibilities |   | <b>Mr. Oliver will serve as Project Engineer for Staff Augmentation Services for this contract.</b> |   |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).   |   |   |
| <b>35 years of experience</b>                            | <i>Mr. Oliver has over 35 years of experience working for LADOTD. He retired as District Administrator for District 03 and joined ECM. He has certifications as an ATSSA TCS and Flagger.</i>   |   |   |
| <b>2019</b>  | <b>Verot School Rd (Vincent - EX. 5-L) Lafayette, LA:</b> Mr. Oliver served the District Administrator for this <b>\$37.3 million</b> capacity improvement project of Verot School Road. This project involves embankment, base course PCC pavement, storm drains, concrete drives and sidewalks, as well as serving as the media spokesperson for the project. He provided inspection administrative oversight of the project that includes attending progress meetings, meeting with property and business owners, local and statewide elected officials concerning progress and phasing of the project, maintaining all construction field records requests, and reviewing monthly pay estimates. The project was a DOTD project in the capacity improvement program.  |   |   |
| <b>2019</b>  | <b>US 90 (I-49 South) Albertson's Parkway to Ambassador Caffery Broussard, LA:</b> Mr. Oliver served as District Administrator for the <b>\$65.6 million design build project</b> in Broussard. This project was a corridor improvement project to upgrade approximately 1.7 miles of the existing four-lane US 90 roadway to a six-lane controlled access facility that meets interstate standards. The work consisted of acquiring right of way, relocating utilities and constructing a full interchange and frontage roads as well as all approaching roadways. He provided coordination and broad oversight during all phases of the project. He was part of the team to determine selection of the project location, the RFQ to determine the short list, and the technical grading team during the RFP process for selection of the Design Build team. He coordinated district staff with DOTD staff, the owner verification firm, and the design build team during the design and construction phases of the project. |   |   |
| <b>2017</b>  | <b>Verot School Road Outfall Drainage Improvement Lafayette, LA:</b> Mr. Oliver served as Area Engineer for this <b>\$12.3 million</b> clearing and drainage improvement project. This project involved clearing and grubbing, concrete paving, and 3 outfall channels as a DOTD project in preparation of the future widening project. He provided administrative oversight of the project which included project site inspections, and meetings with project managers and designers to resolve construction and design issues, approval of change orders involving design changes and costs overruns, resolution of compliance issues, answering phone calls and meeting with property and business owners and local elected officials to resolve construction and access issues. The project was a DOTD project performed on behalf of Lafayette Consolidated Government.  |   |   |
| <b>2011</b>  | <b>Historic Parkerson Avenue Redevelopment Project Crowley, LA:</b> Mr. Oliver served as a Project Engineer for the <b>\$4.9 million</b> downtown streetscape project in Crowley. This project involved the removal of all pavement and sidewalks of a 5 block section of Parkerson Avenue (LA 13) and construction of new concrete pavement, storm drain system and sidewalks with a wider median and angled parking. The project also included enhancement items such as landscaped bulb outs, stamped concrete cross walk, and concrete pavers along the back of curb and in the bulb out areas. He had direct responsibility for ensuring that all work was performed in compliance with plans and specifications, payment made to the contractor and within the specified contract time. He also conducted weekly meetings with mayor, council members, contractor and local business owners to discuss phasing and progress on the project. This project was a DOTD project performed on behalf of the City of Crowley. |   |   |

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



**16. Staff Experience:**

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| Firm employed by <b>GOTECH, Inc.</b>                     |  |  |   |
| Name   | <b>Bruce Dyson, P.E., P.L.S.</b>   |  | Years of experience with this firm/employer                               |
| Title  | <b>Engineering &amp; Surveying Manager</b>   |  | Years of experience with other firm(s)/employer(s)                        |
| Degree(s) / Years / Specialization                       |  | <b>Bachelor's-of-Science / 1978 / Civil Engineering</b>                                  |   |
| Active registration number / state / expiration date     |  | <b>P.E. License No. 20162 / LA / 3-31-2026; P.L.S. License No. 4670 / LA / 3-31-2026</b> |   |
| Year registered  | <b>1982; 1992</b>  | Discipline   | <b>Registered Professional Civil Engineer; Professional Land Surveyor</b> |
| Contract role(s) / brief description of responsibilities |  | <b>Survey Manager for verification survey</b>  |   |
| 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 <u>years of experience</u> specified in the applicable MPR(s).   |  |   |
| <b>45 Years of Experience</b>                            | <p><i>Mr. Dyson has been involved in a variety of survey projects. He is experienced in the areas of civil engineering, project management, construction administration and management, and cost estimating. Specific areas of expertise include drainage improvements, land surveying and flood control.</i></p> <p><i>Mr. Dyson has supervised up to five survey crews at GOTECH working on a variety of public and private contracts such as contracts with LA DOTD, US Army Corps of Engineers, Federal Aviation Administration, Parish governments, and New Orleans Sewerage &amp; Water Board.</i></p> <ul style="list-style-type: none"> <li>▪ <i>Traffic Control Technician – ATSSA</i></li> <li>▪ <i>Traffic Control Supervisor – ATSSA</i></li> <li>▪ <i>Registered Flagger – ATSSA</i></li> </ul>                     |  |   |
| <b>04/15 - Present</b>                                   | <p><b>Acadian Rd Roundabout, Route LA 20 (Canal Blvd) &amp; Local Routes (Back Street, Jackson Street, Thompson Place), Thibodaux, LA -</b> Mr. Dyson was the Engineering / Survey Manager providing professional supervision and project management oversight for the right-of-way mapping services to support parcel acquisition required for design of a new road roundabout in 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.</p>   |  |   |
| <b>10/17 - 03/18</b>                                     | <p><b>I-10 at Morrison Rd Interstate Lighting, Orleans Parish, LA –</b> Mr. Dyson provided project oversight as Engineering / Surveyor Manager with supervision and project management of topographic surveys to support various interstate lighting design projects. The projects included static GPS control surveys and topographic field surveys performed to DOTD survey standards within the full limits of the highway interchange. The survey field information gathered included roadway surface features, drainage structures, designated subsurface utility locations, and structure data on elevated portions of the interstate bridge overpass. Final deliverables, and MicroStation mapping files, were certified and submitted in accordance with established DOTD Location and Survey delivery requirements.</p> |  |   |
| <b>02/14 - 11/16</b>                                     | <p><b>LA Hwy 431 at LA Hwy 934 Intersection Improvements, Ascension Parish, LA –</b> Mr. Dyson was the quality control reviewer for the Hwy 431 / 934 Intersection Improvements project. GOTECH provided topographic surveying and mapping services for the project. The work was located in Ascension Parish on what are currently two-lane highways with narrow shoulders and adjacent open ditch drainage. GOTECH field crews obtained field data in a format that was used in MicroStation CADD drawings with Inroad's software. GOTECH also mapped the data in</p>  |  |   |

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|                      | 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.   |
| <b>10/12 - 12/14</b> | <b>I-10 (LA 30 to LA 22), Ascension Parish, LA</b> – Mr. Dyson was the quality control reviewer for the Interstate 10 project in Ascension Parish. The project included a segment of the Interstate from LA Hwy 30 to LA Hwy 22. Cross Sections were taken from right-of-way line to right-of-way line to provide data for the Interstate widening design. Overpass details were obtained to show bridge details, bent locations, piling spacing and clearance dimensions.  |
| <b>09/07 - 09/13</b> | <b>New Orleans Submerged Streets Repair-Permanent Repair to Federal Aid Eligible Roads as a Result of Damage Due to Hurricane Katrina in 2005</b> - Mr. Dyson was the Engineering Coordinator for this project. GOTECH provided topographic surveying, preliminary and final roadway plans, and construction support for the project streets located in Jefferson and Orleans Parishes.   |
| <b>02/06 - 08/11</b> | <b>John James Audubon Bridge Design/Build Project, St. Francisville, LA</b> - Mr. Dyson was an assistant design engineer on the project, performing quality control reviews on the construction documents. The cable-stayed bridge structure crossed the Mississippi River linking the St. Francisville area with the New Roads community. Approximately 3.5 miles of mainline and sideroad network were designed by GOTECH. The project involved intersection designs, drainage analysis, alignment geometric designs, profile/grade analysis and cost estimating. |

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

## 16. Staff Experience

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| Firm employed by <b>Volkert, Inc</b>                     |   |  |   |
| Name   | <b>Reginald "Reggie" Jeter, PE</b>  |  | Years of relevant experience with this employer     |
| Title  | <b>Cost Estimator / CPM Schedule</b>  |  | Years of relevant experience with other employer(s) |
| Degree(s) / Years / Specialization                       |   | <b>MS   1984   Civil Engineering</b><br><b>BS   1981   Civil Engineering</b> |   |
| Active registration number / state / expiration date     |   | <b>23259   LA   09/30/2025</b>   |   |
| Year registered  | <b>1989</b>   | Discipline   | <b>Civil</b>  |
| Contract role(s) / brief description of responsibilities |   | <b>Mr. Jeter will be serving as CPM Schedule Reviewer for this contract</b>  |   |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).   |  |   |
| <b>29 years of experience</b>                            | <p><i>Mr. Jeter joined Volkert in 2016 and has over <b>29 years</b> in the highway and heavy construction industry as chief estimator, scheduler and an engineer for projects ranging in size from \$3,500.00 to \$56 million. He has estimated most facets of construction, including: Clearing and grubbing; Demolition and removals; Earth- work; Erosion control; Base courses and soil stabilization; Asphalt pavement; Asphalt milling; Concrete pavement; Storm drainage including pipe, box culverts and drainage structures; Riprap and revetment; Walks, drives, incidental concrete paving, curb &amp; curb and gutter; Seeding, fertilizing and mulching; Erosion control systems; Temporary detour roads and bridges; Bedding material; Construction layout; Structural excavation; Sheet piles; Driven piles; Structural concrete including headwalls, retaining walls, bridges (pile caps, decks, barrier rail and approach slabs), cast in place box culverts. Bridge estimating includes widening and rehabilitation of pre-stressed concrete girder bridges.</i></p> <p><b>He has been in the consulting business specializing in CPM scheduling by utilizing Primavera projects exclusively including the current version of P6. His use of P6 dates back to 2011.</b> He also served as Assistant Professor at Louisiana Tech University in the Civil Engineering Department from 1984 to 1987. He has been the Professional-in-Residence at Louisiana Tech since December 2015. As required by this project, Mr. Jeter has over ten years of experience with contractor style estimating (he currently has almost twenty years). He has local knowledge of labor; equipment and the materials market and construction means and methods. His estimation experience combined with his teaching experience covers both rehabilitation and widening of pre-stressed concrete bridges and steel plate girder structures.</p> |  |   |
| <b>02/2020 - 7/2020</b>                                  | <b>I-10: Highland Road to LA 73 Design-Build, East Baton Rouge and Ascension Parishes, LA (LA DOTD)  </b> Mr. Jetter reviewed full CPM for Task Orders 3 & 4 which allows Volkert to provide procurement and project oversight and acceptance for both design and construction for the I-10 Design-Build project from Highland Road in East Baton Rouge Parish to LA 73 in Ascension Parish \$72M Design-Build project. This project consists of upgrading a portion of I-10 in East Baton Rouge and Ascension Parish to a six-lane controlled access facility including construction of a new six-lane I-10 overpass at Highland Road.   <b>State Contract No. 4400004915 TO 3 &amp; 4, S.P. No. H.009250</b>  |  |   |
| <b>05/2019 - 12/2021</b>                                 | <b>I-220/I-20 Interchange Improvements to BAFB Access Design-Build, Bossier Parish, LA (LA DOTD)  </b> Mr. Jetter is reviewing the CPM schedule for Volkert's team on this \$71.8M Design-Build project. The I-220/I-20 Interchange Improvement and BAFB Access project in Bossier Parish consists of the extension of I-220 to the south over I-20 as a limited access 4-lane arterial to a new terminus on Barksdale Air Force Base (BAFB) and includes construction of four interchange ramps providing interchange connectivity for the new access road. The project includes the construction  |  |   |

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|                          | of two sets of bridge structures, one set for the I-20 over pass and the second set for the over- pass of the KCS RR. The project terminus will tie to a BAFB roadway project creating a new access location for the base.   <b>State Contract No. 4400016173, S.P. No. H.003370.6</b>   |
| <b>12/2017 - 12/2020</b> | <b>Causeway Shoulder Bay Design, Jefferson and St. Tammany Parishes, LA (Greater New Orleans Expressway Commission)</b>   Mr. Jeter was responsible for conducting independent cost estimating on this project. Volkert was selected to design essential and long-awaited shoulder additions. The bridge shoulders, comprising 12 “shoulder bays,” will provide a safe space for disabled vehicles to pull over out of traffic. They will also increase safety for motorists and emergency personnel in the event of a crash. This project was executed using the CMAR alternative delivery method, a first for the State of Louisiana.  |
| <b>06/2018 – 03/2019</b> | <b>US 90 (I-49 South) Albertson Parkway to Ambassador Caffery Design-Build, Lafayette Parish, LA (LA DOTD)</b>   Mr. Jeter is serving as CPM Review Engineer for the OVF on Task Order 6 which allows Volkert to provide project oversight and acceptance for both design and construction for the US 90(I-49South) Albertson Parkway to Ambassador Caffery Design-Build Project in Lafayette Parish. Volkert’s Baton Rouge office is responsible for all project oversight for the Design and Construction on this \$57M Design-Build Project. This project consists of upgrading a portion of US 90 in Lafayette Parish to a six-lane controlled access facility.   <b>State Contract No. 4400004915 TO 6, S.P. No. H.010620</b>   |
| <b>6/2020 – 8/2024</b>   | <b>LA 23: Belle Chasse Bridge and Tunnel (HBI) Improvements, Plaquemine Parish (LADOTD)</b>   Mr. Jeter is serving as CPM review for the Belle Chasse Bridge and Tunnel Improvements. Volkert will be responsible for providing all Engineering Design and Construction Support services including implementation of the Construction Quality Assurance Plan for the Belle Chasse Bridge & Tunnel Public Private Partnership (P3) Project which provides for the replacement of the Belle Chasse Tunnel and Judge Perez Lift Bridge with a new toll bridge. As the OVT, Volkert will provide guidance and support to the LADOTD Project Manager prior to and during reviews, develop review comments, attend project meetings, ensure that the P3 team adheres to their contract, and address other assignments as directed. |

## 16. Staff Experience:

|  |   |  |   |
|--|---|--|---|
| Firm employed by <b>Eustis Engineering L.L.C.</b>        |   |  |   |
| Name   | <b>Travis R. Richards, P.E.</b>   |  | Years of relevant experience with this employer     |
| Title  | <b>Vice President of Testing and Senior Project Manager</b>   |  | Years of relevant experience with other employer(s) |
| Degree(s) / Years / Specialization                       |   | <b>Graduate Certificate / 2018 / Coastal Engineering</b><br><b>Master of Science / 2017 / Engineering</b><br><b>Master of Science / 2015 / Engineering Management</b><br><b>Bachelor of Science / 1998 / Civil Engineering</b> |   |
| Active registration number / state / expiration date     |   | <b>License No. 30992 / Louisiana / 3-31-2025</b>   |   |
| Year registered  | <b>2004</b>   | Discipline   | <b>Civil Engineering</b>                            |
| Contract role(s) / brief description of responsibilities |   | <b>Mr. Richards is responsible for the technical functions/performance of the soil mechanics' laboratory.</b>  |   |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).   |  |   |
| <b>25 years of experience</b>                            | <i>As a Professional Engineer in Civil Engineering, registered in Louisiana, has more than 25 years' comparable experience in the testing and acceptance of construction materials on LaDOTD projects.</i>  |  |   |
| <b>11/21 – 02/23</b>                                     | <b>LaDOTD, New Magazine Street Improvements Between Leake Avenue to Avenue East Drive, New Orleans, Louisiana (24689):</b> This project involved the reconstruction of Magazine Street in New Orleans, Louisiana. Our services included testing and inspection of earthwork and concrete. Mr. Richards reviewed the concrete mix design report. |  |   |
| <b>07/21 – 08/21</b>                                     | <b>LaDOTD, Ames Boulevard between the West Bank Expressway and Happy Street, Jefferson Parish, Louisiana (24631):</b> Eustis Engineering completed concrete and asphalt testing and inspection services for this project. As the project manager, Mr. Richards reviewed the reports and provided quality control checks of our services.        |  |   |
| <b>08/18 – 11/18</b>                                     | <b>LaDOTD, Girder Span Bridge Repairs, Earhart Expressway and Clearview Parkway Interchange, Metairie, Louisiana (23954):</b> This project included quality control inspections and testing of concrete and grout, as well as a special inspector for high strength grout. Mr. Richards was Project Manager for this work.                      |  |   |



**16. Staff Experience:**

|  |  |  |   |
|--|--|--|---|
| Firm employed by <b>Eustis Engineering L.L.C.</b>        |  |  |   |
| Name   | <b>Chad M. Ortolano</b>  |  | Years of relevant experience with this employer     |
| Title  | <b>Senior CMT Technician</b>   |  | Years of relevant experience with other employer(s) |
| Degree(s) / Years / Specialization                       |  | <b>High School Graduate / 2007</b>   |   |
| Active registration number / state / expiration date     |  | <b>N/A</b>   |   |
| Year registered  | <b>N/A</b>   | Discipline   | <b>N/A</b>  |
| Contract role(s) / brief description of responsibilities |  | <b>Mr. Ortolano will provide a variety of CMT services for this project if needed.</b> |   |
| Experience dates<br>(mm/yy–mm/yy)                        | Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).  |  |   |
| <b>16 years of experience</b>                            | <i>Mr. Ortolano is:</i> <ul style="list-style-type: none"> <li>• <b>ACI-certified concrete field-testing technician</b></li> <li>• <b>NICET CMT certified in Soil, Asphalt, and Concrete (Level II for all)</b></li> <li>• <b>HAZMAT Certified in Nuclear Gauges.</b></li> <li>• <b>Traffic Control Supervisor by ATSSA</b></li> </ul>   |  |   |
| <b>11/21 – 02/23</b>                                     | <b>LaDOTD, New Magazine Street Improvements Between Leake Avenue to Avenue East Drive, New Orleans, Louisiana (24689):</b> This project involved the reconstruction of Magazine Street in New Orleans, Louisiana. Our services included testing and inspection of earthwork and concrete. Mr. Ortolano and the Eustis team performed in-place density tests throughout the project area.   |  |   |
| <b>08/18 – 11/18</b>                                     | <b>LaDOTD - Girder Span Bridge Repairs, Earhart Expressway and Clearview Parkway Interchange, Metairie, Louisiana (23954):</b> The scope of work for this project included soil mechanics laboratory tests, in-place nuclear density tests, concrete inspections, compressive strength testing of concrete cylinders, and asphalt pavement cores at 172 locations to the approximate 12-in. depth. Mr. Ortolano performed in-place density tests and concrete inspection services on this project on an as-needed basis. |  |   |

**16. Staff Experience:**

|  |  |   |   |
|--|--|---|---|
| Firm employed by <b>Eustis Engineering L.L.C.</b>        |  |   |   |
| Name   | <b>Jonathan B. Jadrich</b>   |   | Years of relevant experience with this employer     |
| Title  | <b>Senior CMT Technician</b>   |   | Years of relevant experience with other employer(s) |
| Degree(s) / Years / Specialization                       |  | <b>Bachelor of Science / 1993 / Physics</b>                                 |   |
| Active registration number / state / expiration date     |  | <b>N/A</b>  |   |
| Year registered  | <b>N/A</b>   | Discipline  | <b>N/A</b>  |
| Contract role(s) / brief description of responsibilities |  | <b>Mr. Jadrich will provide a variety of CMT services for this contract</b> |   |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).  |   |   |
| <b>28 years of experience</b>                            | <i>His main area of expertise includes concrete inspection, in-place density tests, masonry inspection, rebar inspection and site inspection. Additionally, Mr. Jadrich assists our laboratory on an as-needed basis.</i>  |   |   |
| <b>11/21 – 02/23</b>                                     | <b>Ames Boulevard between the West Bank Expressway and Happy Street, Jefferson Parish, Louisiana:</b> This project involved the reconstruction of Magazine Street in New Orleans, Louisiana. Our services included testing and inspection of earthwork and concrete. Mr. Jadrich and the Eustis team performed in-place density tests throughout the project area. He dedicated nearly 60 hours to the project.  |   |   |
| <b>07/21 – 08/21</b>                                     | <b>Ames Boulevard between the West Bank Expressway and Happy Street, Jefferson Parish, Louisiana:</b> This project involved renovations and upgrades to a section of the roadway pavement along Ames Boulevard between the West Bank Expressway and Happy Street in Jefferson Parish. Eustis Engineering was brought in to provide construction materials testing and inspection services during the laying of asphalt and concrete. Mr. Jadrich assisted with asphalt and concrete inspections. |   |   |
| <b>08/18 – 11/18</b>                                     | <b>Girder Span Bridge Repairs, Earhart Expressway and Clearview Parkway Interchange, Metairie, Louisiana:</b> This project included quality control inspections and testing of concrete and grout, as well as a special inspector for high strength grout. Mr. Jadrich took part in the fieldwork activities.  |   |   |

**17. Firm Experience:**

|   |  |   |  |         |
|---|--|---|--|---------|
| Firm Name                               | ECM Consultants, Inc.  |   | Past Performance Evaluation Discipline(s)* | CE&I/OV |
| Project Name                            | Severn Avenue Corridor Improvements (Veterans Blvd. to W. Esplanade)   |   | Firm responsibility (prime or sub?)        | Prime   |
| Project number                          | H.011752   | Owner's name  | LADOTD/Jefferson Parish                    |         |
| Project location                        | Metairie, Jefferson Parish, Louisiana  | Owner's Project Manager                                       | Mark Drewes, P.E./Kevin Rizzo, P.E. (DOTD) |         |
| Owner's address, phone, email           | 1221 Elmwood Park, Jefferson, LA-70123, 504-736-6511, MDrewes@Jeff Parish.net/504.250.1669, kevin.rizzo@la.gov |   |  |         |
| Services commenced by this firm (mm/yy) | 07/20  | Total consultant contract cost (\$1,000's) (Design + CE&I)    |  | \$1,659 |
| Services completed by this firm (mm/yy) | 12/22  | Cost of consultant services provided by this firm (\$1,000's) |  | \$1,507 |

ECM provided engineering designs and prepared plans, specifications, and estimate (PS&E) Construction Administration and Resident Inspection services for this \$14.2 million roadway and drainage project. This is a major street with 6-Lanes divided by grass median. Severn Avenue corridor is one of the most heavily travelled busy streets in Jefferson Parish with businesses on both sides, including Lakeside mall on east side. Project plan is to make Seven avenue corridor pedestrian friendly smart street.

Work included removal and reconstruction of a 3- lanes each for North and South bound PCC roadway with curb and gutter, widening and improvements to roadway intersections, sidewalks, driveways, major subsurface drainage system installation including RCP drain pipes, catch basins, drain inlets and manholes etc., utilities relocations at conflicts, modifications to traffic signals including new pedestrian signals, new decorative streetlights; new 8-foot wide brick paved sidewalks with ADA compliant ramps; new landscaping including irrigation system, roadway striping and a dedicated bike lane with buffer and construction of ten parklets with pavers, benches, potted plantings, bike racks, etc.

ECM provided project management, engineering designs, prepared plans, specifications and estimates (PS&E) including sequence of construction plans, traffic detour plans and assisted Parish during bidding process.

ECM's responsibilities for construction administration and resident inspection services included but not limited to the following:

- Scheduling and conducting the pre-construction meeting,
- Maintaining all construction field records.
- Making daily entries in the project diary with photographs and entering in SiteManager,
- Monitoring construction work to make sure that all work is being performed in strict compliance conformance with plans and specifications.

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

**Ujjal DasGupta, P.E., Kazem Alikhani, P.E., Zachary Collier, P.E.,  
Sunina Shrestha, PE, Kim Martinez**

ECM's Project engineer was responsible for:

- Coordinating with the LADOTD project coordinator, Jefferson Parish Engineer, JP council, RPC and representatives of utility companies for relocations/adjustments of utilities at the construction site and subconsultants.
- Facilitating quick processing of RFIs and change requests
- Reviewing and verifying monthly pay estimates, monthly progress reports and reviewing contractor's payroll data for contract conformance and DOTD requirements
- Preparing plan changes for approved works
- Monitoring and documenting all construction claims
- Preparing Non-Conformance Report (NCR) and submitting to the contractor for correction and simultaneously notifying DPW-Jefferson Parish and LADOTD
- Attending substantial completion inspection and preparing "Punch List"
- Attending final inspection and verify completion of punch list items
- Supervision of preparation of "As-Built" plans reflecting all changes made from the original plans
- Maintain all documents in chronological order,
- Preparing Form 2059 and final estimate packages in conformance with DOTD requirements

ECM's on-site inspectors were responsible for:

- Monitoring contractor's construction operations for compliance with contract documents
- Monitoring contractor's safety compliance
- Coordination with testing lab for field compaction testing, as well as sampling, collecting, and transporting samples to Testing laboratory. for testing
- Keeping record of work quantities on daily basis



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

## 17. Firm Experience:

|   |  |   |                         |  |          |
|---|--|---|-------------------------|--|----------|
| Firm Name                               | ECM Consultants, Inc.  |   |                         | Past Performance Evaluation Discipline(s)* | CE&I/OV  |
| Project Name                            | LA 1: Leeville to Golden Meadow (Phase 2) Routes LA 1 & LA 3235                    |   |                         | Firm responsibility (prime or sub?)        | Sub      |
| Project number                          | H.008145.2   |   | Owner's name            | LADOTD                                     |          |
| Project location                        | Lafourche Parish, Louisiana  |   | Owner's Project Manager | Ryan Morvant, P.E.                         |          |
| Owner's address, phone, email           | 1201 Capitol Access Road, Baton Rouge, LA 70802, 225-379-1067, ryan.morvant@la.gov |   |                         |  |          |
| Services commenced by this firm (mm/yy) | 02/22  | Total consultant contract cost (\$1,000's)                    |                         |  | \$26,192 |
| Services completed by this firm (mm/yy) | Ongoing  | Cost of consultant services provided by this firm (\$1,000's) |                         |  | \$12,441 |

ECM is providing construction engineering and inspection (CE&I) services for this \$464 million elevated highway project in Lafourche Parish, LA. The project consists of 9.48-mile elevated concrete bridge structure and connect with an existing 9.0-mile Phase 1 Leeville bridge in Leeville, LA. This elevated highway project marshland is being constructed using "top-down" construction method by building a moveable 2,165' Steel Trestle bridge supporting the Equipment for building the Bridge below and connect Golden Meadow to Leeville. Once completed the overall project will be one of the longest bridges in Louisiana and the United States with over 18 miles of elevated highway. The project consists of precast concrete pile installation, drilled shafts, precast prestressed concrete girders, concrete bridge decks, T-wall construction, PCCP removal and replacement, installation of tolling equipment, and drainage improvements to existing roadways. The bridge will utilize 108-foot spans with 30-inch precast concrete piles. ECM inspected and documented all construction driving 18", 24" and 30" precast concrete piles, (532,217 linear feet total), placement of steel for bent caps and bridge decks, hanging of concrete girders, installing precast concrete caps and sampling and testing concrete for cap and bridge deck pours. ECM is also providing all materials sampling for the project and delivers the soil, aggregate, steel, concrete, asphalt and miscellaneous materials to the DOTD or private lab hired for this project.

ECM's Quality Control team's responsibility included inspection and material testing related to all the construction operations. ECM's Quality Team is responsible for sampling and testing to ensure conformance with contract requirements. ECM's QC testing is used for Quality Acceptance by LADOTD.

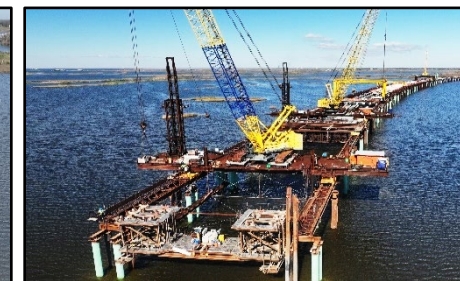
ECM's duties include:

- Sampling and testing of construction materials
- Evaluating work performed by contractors and sub-contractors
- Providing written reports on a daily basis detailing progress using Headlight platform – DOTD's required program
- Keeping records on test results and entering them in the DOTD systems to keep records and to be able to assemble a 2059 report
- Entering all material testing data into site manager, site manager materials and

Headlight platforms

- Assisting with the coordination of QC related activities with LADOTD, their stakeholders and other entities
- Assembling change orders when necessary
- Review LADOTD plant inspection records and verifying that testing equipment is in compliance
- Reviewing and approving mix designs for asphalt and concrete to ensure that they meet requirements

ECM is managing all construction submittals and RFI's and coordinates with LADOTD designers and construction personnel to resolve issues. Change orders and Payment estimates for the project are also generated by the ECM Project Manager. ECM is providing engineering reviews of materials test results and utilizing LADOTD specialty software for tracking materials and test results for final project closeout. The ECM inspectors are also using the LADOTD HEADLIGHT documentation system for inspection and material quantity tracking. This system allows for immediate documentation in the field to provide photos, measurements and quantities.



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

**Ujjal DasGupta, P.E., Kazem Alikhani, P.E.,  
Chad Vosburg, PE, Gary Gisclair, P.E., Kim Garlington, P.E., Matthew Mire, E.I.**

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



**17. Firm Experience:**

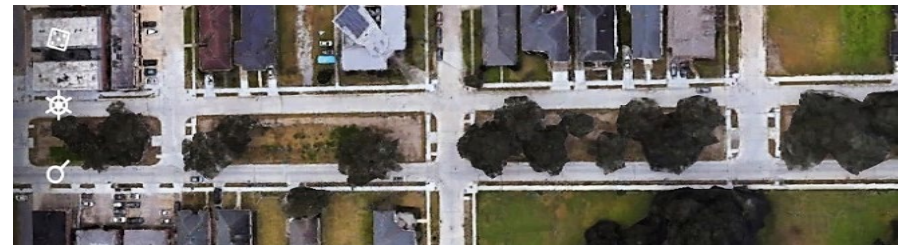
|   |   |   |   |  |  |         |
|---|---|---|---|--|--|---------|
| Firm Name                               | <b>ECM Consultants, Inc.</b>  |   |   | Past Performance Evaluation Discipline(s)* |  | CE&I/OV |
| Project Name                            | Fleur de Lis Drive Reconstruction (CE&I)<br>(30th St. to Old Hammond Highway) |   |   | Firm responsibility (prime or sub?)        |  | Prime   |
| Project number                          | S.P. No. H.007259   |   | Owner's name  | LADOTD/City of New Orleans                 |  |         |
| Project location                        | New Orleans, LA   |   | Owner's Project Manager                                       | Alan Weber, P.E.                           |  |         |
| Owner's address, phone, email           |   | 1301 Perdido Street, RM 6W03, New Orleans, LA 70112, 504-658-8209, <a href="mailto:aweber@nola.gov">aweber@nola.gov</a> |   |  |  |         |
| Services commenced by this firm (mm/yy) |   | 11/16   | Total consultant contract cost (\$1,000's)                    |  |  | \$709   |
| Services completed by this firm (mm/yy) |   | 02/19   | Cost of consultant services provided by this firm (\$1,000's) |  |  | \$709   |

ECM is providing construction **contract administration and construction engineering and inspection (CE&I) services for this \$12 million project** involving reconstruction of Fleur de Lis Drive from 30<sup>th</sup> Street to Old Hammond Highway, a main thoroughfare separated by a median in a residential area of New Orleans. This Urban Systems project included removal of existing paving, excavation, new subsurface drainage system and drainage structures, removal and replacement of sewer force mains and water mains. The new **on grade roadway** construction includes grading, subbase, class II base course, **Portland cement concrete pavement (PCCP)**, concrete curb and gutter, ADA accessible ramps, sidewalks, driveways, striping and related work.

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

- Scheduling and conducting the pre-construction meeting
- Maintaining all construction field records, making daily entries in the project diary
- Coordinating with the City of New Orleans Project Engineer, contractor and LADOTD Project Coordinator
- Coordinating with representative of S&WB of New Orleans and other private utility entities for relocations and adjustments of utilities within the Construction site
- Inspecting the contractor's construction operations (daily) to ensure that all work is performed in accordance with the contract plans and specifications
- Keeping clear and concise records of the contractual operations
- Keeping record of work quantities on daily basis
- Monitoring safety compliance
- Preparing monthly pay estimates, and making monthly progress reports
- Preparing all documentation and entering in **the SiteManager**
- Monitoring and documenting all construction claims

- Managing RFIs and Change Requests from contractor
- Reporting deficiencies to the contractor for correction and simultaneously notifying City and LADOTD
- Attending substantial completion inspection and preparing "Punch List"
- Attending final inspection and verify completion of punch list items.
- Preparing "As-Built" plans, final estimate packages including Form 2059 and submitting to LADOTD.



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

**Ujjal DasGupta, P.E., Kazem Alikhani, P.E., Kim Martinez**

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

## 17. Firm Experience

|   |   |              |   |  |                       |
|---|---|--------------|---|--|-----------------------|
| Firm Name                               | <b>ECM Consultants, Inc.</b>  |              |   | Past Performance Evaluation Discipline(s)* | CE&I/OV               |
| Project Name                            | <b>I-10 Widening: Highland to LA 73- Design-Build</b>                         |              |   | Firm responsibility (prime or sub?)        | Sub                   |
| Project number                          | <b>S.P. No. 009250</b>  |              | Owner's name  | <b>LADOTD</b>                              |                       |
| Project location                        | <b>East Baton Rouge &amp; Ascension Parish, LA</b>                            |              |   | Owner's Project Manager                    | <b>Peggy Jo Paine</b> |
| Owner's address, phone, email           | <b>PO Box 94245, Baton Rouge, LA 70604 ; 225-379-1065; peggy.paine@la.gov</b> |              |   |  |                       |
| Services commenced by this firm (mm/yy) |   | <b>08/17</b> | Total consultant contract cost (\$1,000's)                    |  | <b>\$3,214</b>        |
| Services completed by this firm (mm/yy) |   | <b>10/20</b> | Cost of consultant services provided by this firm (\$1,000's) |  | <b>\$2,700</b>        |

ECM is providing **Construction Quality Acceptance (CQA) services for this \$72 million design-build project** to widen I-10 from four to six lanes in both east and westbound directions, adding deceleration and acceleration lanes at the Highland Road and LA 73 interchanges, and bridge construction including replacing I-10 bridge over Highland Road, widening and rehabilitating I-10 over Bayou Manchac, increasing the vertical clearance and rehabilitating LA 928 bridge over I-10, and replacing I-10 bridge over LA 73. The project includes two bridge construction including pile driving, installing prestressed concrete girders, bridge deck and rehibition 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. ECM's Quality Acceptance team of engineers and LADOTD certified inspectors are responsible for verifying that the work is performed in compliance with the project's plans and specifications and our CQAM is the designated point of contact with LADOTD, and the PM on all CQA related issues.

ECM's Quality Acceptance duties include :

- Managing Construction Quality Acceptance activities as per the Construction Quality Management Plan (CQMP), verifying implementation and compliance to it as well as maintenance of the CQMP
- Evaluating the quality of work performed by contractor, subcontractors, and suppliers.
- Verifying that Quality Records attesting to the quality of the Work, as required by the Contract Documents, are prepared, maintained and stored throughout the term of the contract, and uploaded to the electronic QA documentation ion **ProjectWise** database
- Performing source evaluations and approval of material suppliers in accordance with the contract documents
- Reviewing LADOTD plant inspection records, establishing a calibration system for QA inspection and test equipment and ensure that they are properly maintained.
- Verifying work performed conforms to plans and specifications by certified inspectors for QA acceptance inspections and tests of construction Work
- Providing testing data to LADOTD for statistical analysis

- Entering all QA material test data into QA documentation in **ProjectWise**.
- Coordinating Quality Assurance related activities with LADOTD, their stakeholders, and any other third-party inspection agencies, and utility entities.
- Providing written reports on the progress of the construction
- Coordinating with LADOTD and stakeholders for independent testing and verification
- Performing Quality Assurance material inspection, sampling and testing
- Performing independent inspection of work to verify and document that development work has been constructed in conformance with the requirements and released for construction documents
- Preparing and issuing Nonconformance Reports (NCR), transmitting to Design-Builder & LADOTD
- Preparing Form 2059, maintaining hard copies of all records and documentation, and uploading all records into **ProjectWise**.



**Firm members working on this project and used in this proposal:**  
**Ujjal DasGupta, P.E., Kazem Alikhani, P.E., Blake Guidry, P.E.,**  
**David Waller, Mark Sanchez, Kim Martinez, Robert Brown**

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



## 17. Firm Experience

|   |  |   |                         |  |         |
|---|--|---|-------------------------|--|---------|
| Firm Name                               | ECM Consultants, Inc.  |   |                         | Past Performance Evaluation Discipline(s)* | CE&I/OV |
| Project Name                            | Lapalco Boulevard Improvements (US 90 to Segnette Blvd)  |   |                         | Firm responsibility (prime or sub?)        | Prime   |
| Project number                          | S.P. No. 742-26-0030   |   | Owner's name            | LADOTD/Jefferson Parish                    |         |
| Project location                        | Metairie, Jefferson Parish, Louisiana  |   | Owner's Project Manager | Mark Drewes, P.E./Nelson Capote, PE (DOTD) |         |
| Owner's address, phone, email           | 1221 Elmwood Park, Jefferson, LA-70123, 504-736-6784, MDrewes@Jeff Parish.net/504.319.5626. nelson.capote@la.gov |   |                         |  |         |
| Services commenced by this firm (mm/yy) | 06/07  | Total consultant contract cost (\$1,000's)                    |                         |  | \$1,079 |
| Services completed by this firm (mm/yy) | 07/10  | Cost of consultant services provided by this firm (\$1,000's) |                         |  | \$1,079 |

ECM provided **construction contract administration and CE&I services** for this **\$10.8 million** Urban Systems roadway Project involving improvements to Lapalco Boulevard between US 90 and Segnette Boulevard. The project included rehabilitation and widening of the existing lanes, including widening of an existing prestressed concrete girder bridge and construction of a new two-lane roadway and a new concrete girder bridge. The contract was accomplished in three phases. This project required extensive coordination with LADOTD, JP and the project designer, contractor and testing laboratory.

**Phase I** involved **widening of the existing roadway** including shoulder and turn lanes at TCP Gulf course entrance.

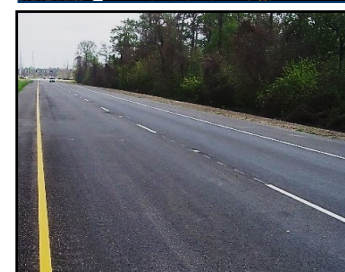
**Phase II** involved **rehabilitation of a two-lane existing asphalt roadway** including cold planing, excavation, widening, class II base course, and Superpave asphaltic concrete and striping.

**Phase III** involved 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. Phase III also involved construction of several box culverts, widening of an existing concrete girder span bridge, and a **new prestressed precast concrete girder span bridge**.

ECM performed the following tasks for the CE&I services for the project:

- Scheduled and conducted the pre-construction meeting
- Maintained all construction field records
- Made daily entries in the project diary
- Coordinated with the Jefferson Parish-DPW Project Engineer, contractor, LADOTD Project Coordinator and Utility entities
- Inspected the contractor's construction operations (daily) to ensure that all work is performed in accordance with the contract plans and specification
- Kept clear and concise records of the contractual operations
- Kept record of work quantities on daily basis
- Monitored contractor's safety compliance
- Prepared monthly pay estimates, and monthly progress reports
- Monitored, reviewed and documented all construction claims
- Managed RFIs and Change Requests from contractor
- Reported deficiencies to the contractor for correction and simultaneously notifying Parish and LADOTD
- Attended substantial completion inspection and preparing "Punch List"
- Attended final inspection and verify completion of punch list items.
- Prepared "As-Built" plans, final estimate packages including Form 2059 and submitting to LADOTD.

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



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

**Ujjal DasGupta, P.E.**, \*Gerald Grentadam, \* Bob Tate  
Emilio Rodrigue

\* No longer with the firm

**17. Firm Experience**

|   |  |   |   |                                     |                       |         |
|---|--|---|---|-------------------------------------|-----------------------|---------|
| Firm name   | Volkert, Inc.  |   | Past Performance Evaluation Discipline(s)*                    |                                     | CE&I/OV               |         |
| Project name  | I-10 Veterans Boulevard – Clearview Parkway Widening |   |   | Firm responsibility (prime or sub?) |                       | Prime   |
| Project number  | 450-15-0099  |   | Owner's name  | LADOTD                              |                       |         |
| Project location  | Jefferson Parish, Louisiana                          |   | Owner's Project Manager                                       |                                     | Michael Duplantis, PE |         |
| Owner's address, phone, email   |  | Gang 242/District 2, 166 W 3rd Street, Kenner, LA 70063; 504-465-3473; michael.duplantis@la.gov |   |                                     |                       |         |
| Services commenced by this firm (mm/yy)   |  | 10/11   | Total consultant contract cost (\$1,000's)                    |                                     |                       | \$6,441 |
| Services completed by this firm (mm/yy)   |  | 03/14   | Cost of consultant services provided by this firm (\$1,000's) |                                     |                       | \$5,370 |
| Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.) |  |   |   |                                     |                       |         |

Volkert provided construction contract administration and construction engineering and inspection (CEI) services for the construction of additional lanes on I-10 between Veterans Boulevard and Clearview Parkway in Metairie, Louisiana. The project consisted of adding lanes and full width shoulders in each direction to the existing roadway and bridges, increasing drainage capacity, cold planing asphaltic pavement, Class II base course, Superpave asphaltic concrete pavement, asphaltic concrete SMA wearing course, new roadway signing and lighting, sound barrier walls, slab span and girder span bridges, pavement markings, waterline relocation, sewer force main relocation, and related work. The work included a comprehensive public information effort to inform stakeholders of on- going work in the area. Project website, media releases, direct communication by e-mail, phone, etc. were used to provide information to the public. Volkert was responsible for construction engineering and inspection (CEI) services for the entire project. The Volkert team served as a DOTD Project Engineer's office and managed all aspects of the work in the same manner as an "inhouse" project.

**Team Members: Brandon Carpenter, Courtney Cambre**



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

## 17. Firm Experience

|   |   |  |   |                                     |                     |         |
|---|---|--|---|-------------------------------------|---------------------|---------|
| Firm name   | Volkert, Inc.                                       |  | Past Performance Evaluation Discipline(s)*                    |                                     | CE&I/OV             |         |
| Project name  | I-10 French Branch Bridge – West Pearl River Bridge |  |   | Firm responsibility (prime or sub?) |                     | Prime   |
| Project number  | H.003107.6  |  | Owner’s name  | LADOTD                              |                     |         |
| Project location  | St. Tammany Parish, LA                              |  | Owner’s Project Manager                                       |                                     | Benjamin Thomas, PE |         |
| Owner’s address, phone, email   |   | 1201 Capitol Access Road, Baton Rouge, LA 70802 (225) 379-1509, Benjamin.Thomas@LA.GOV |   |                                     |                     |         |
| Services commenced by this firm (mm/yy)   |   | 03/15  | Total consultant contract cost (\$1,000’s)                    |                                     |                     | \$4,290 |
| Services completed by this firm (mm/yy)   |   | 07/17  | Cost of consultant services provided by this firm (\$1,000’s) |                                     |                     | \$3,231 |
| Describe the project including the firm’s role and members involved. (Highlight staff to be used in this proposal.) |   |  |   |                                     |                     |         |

Volkert provided construction contract administration and construction engineering and inspection (CEI) services for the reconstruction of the I-10, I-12, and I-59 interchange in Slidell, Louisiana. The project consisted of clearing and grubbing, grading, drainage structures, cold planing asphaltic concrete, class II base course, Superpave asphaltic concrete pavement, open graded friction course asphalt, Portland cement concrete pavement, temporary and permanent striping and lime treatment of sub-base. The project was a total reconstruction of 10.3 miles of roadway at the interchange. The existing concrete roadway was removed to the sub-base and replaced with over 200,000 tons of asphalt.

**Team Members: Cory Davis, Brandon Carpenter, Courtney Cambre, Paula Garrett**



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



**17. Firm Experience**

|   |   |   |  |                          |
|---|---|---|--|--------------------------|
| Firm name                               | <b>Volkert, Inc.</b>                                  |   | Past Performance Evaluation Discipline(s)* | <b>CE&amp;I/OV</b>       |
| Project name                            | <b>Drainage Canal Near Hopedale Route LA 624</b>      |   | Firm responsibility (prime or sub?)        | <b>Prime</b>             |
| Project number                          | <b>844-02-0024</b>                                    | Owner's name  | <b>LADOTD</b>                              |                          |
| Project location                        | <b>St. Bernard Parish</b>                             |   | Owner's Project Manager                    | <b>Fred Wetekamm, PE</b> |
| Owner's address, phone, email           | <b>P O Box 94245, Baton Rouge, La, (504) 253-6122</b> |   |  |                          |
| Services commenced by this firm (mm/yy) | <b>8/2010</b>   | Total consultant contract cost (\$1,000's)                    |  | <b>\$706</b>             |
| Services completed by this firm (mm/yy) | <b>1/2014</b>   | Cost of consultant services provided by this firm (\$1,000's) |  | <b>\$375</b>             |

The Drain Canal Bridge Near Hopedale Project for Route LA 624 in St. Bernard Parish, Louisiana, consisted of constructing a new 140-foot precast concrete structure, asphalt milling, asphalt paving, removing an existing structure, waterline relocation, and shore protection. The structure included 16" precast piles, precast caps, and precast deck panels. A navigational lighting system was also installed on the structure. The project required constant communication with the local businesses to avoid any unnecessary disturbance to their business operations during the construction.

Volkert was responsible for construction engineering and inspection services for the entire structure, including pile driving, reinforcing steel, and concrete inspection (approach slabs and concrete barrier wall) and inspection of all asphalt operations. Volkert was also responsible for all contract administration duties, including processing change orders and estimates, writing daily reports, and verifying Davis-Bacon compliance. Volkert was also responsible for all contract administration duties, including processing change orders and estimates, writing daily reports, and managing force account records. The Volkert team served as a DOTD Project Engineer's office and managed all aspects of the work in the same manner as an "in-house" project.

**Team Members: Brandon Carpenter, Courtney Cambre**



## 17. Firm Experience

|   |  |   |  |                              |
|---|--|---|--|------------------------------|
| Firm name                               | <b>Huval &amp; Associates, Inc.</b>  |   | Past Performance Evaluation Discipline(s)* | <b>Bridge</b>                |
| Project name                            | <b>LA 24 &amp; LA 316: Company Canal Bridge</b>  |   | Firm responsibility (prime or sub?)        | <b>Sub</b>                   |
| Project number                          | <b>H.001498</b>  | Owner's name  | <b>LADOTD</b>                              |                              |
| Project location                        | <b>Bourg, Louisiana</b>  |   | Owner's Project Manager                    | <b>Fredrick Wetekamm, PE</b> |
| Owner's address, phone, email           | <b>1201 Capitol Access Road, Baton Rouge, LA 70804, (985)705-9302, fwetekamm@hardestyhanover.com</b> |   |  |                              |
| Services commenced by this firm (mm/yy) | <b>02/2021</b>   | Total consultant contract cost (\$1,000's)                    |  | <b>\$27,800</b>              |
| Services completed by this firm (mm/yy) | <b>Present</b>   | Cost of consultant services provided by this firm (\$1,000's) |  | <b>\$282</b>                 |

Huval & Associates, Inc. (HUVAL) was contracted to provide construction support services for both CEC(sub) and James Construction(prime) related to structural steel fabrication and erection, Movable Bridge machinery fabrication, and installation. Huval is also ensuring all mechanical, electrical, and structural systems of the project are properly coordinated and function as intended by the contractors plans and specifications.

HUVAL's responsibilities on this project included the following:

- Construction Support Services
- Project Management Support for structural components including:
  - Mechanical
  - Electrical
  - Structural
- Crane Placement Reviews
  - 220 ton crane used on land and water operation.
  - Crane used to drive piles, handle pier forms, concrete machinery erection.
- Form support designs and details for:
  - Counterweights, guide steel, vertical column, pier top support, lift span forms, slab spans, operator house, test piles, and pile templates.
- Attend meetings with LADOTD and James Construction Group



### Key Project Members:

**David Huval, Sr.**, Principal, Structural Design, Construction Support  
**Lee Hupperich**, Lead Mechanical and Electrical Design, Construction Support,  
**Colby Guidry**, Structural Design and Support

## 17. Firm Experience

|   |  |   |  |                          |
|---|--|---|--|--------------------------|
| Firm name                               | <b>Huval &amp; Associates, Inc.</b>  |   | Past Performance Evaluation Discipline(s)*       | <b>Bridge</b>            |
| Project name                            | <b>Buquet Bridge – Hurricane Ida Damage Assessment and Repairs</b>                                   |   | Firm responsibility                              | <b>Prime</b>             |
| Project number                          | <b>IDA-0105 (FEMA PW NO: # 673937)</b>   | Owner's name  | <b>Terrebonne Parish Consolidated Government</b> |                          |
| Project location                        | <b>Dulac, Louisiana</b>  |   | Owner's Project Manager                          | <b>David V. Rome Jr.</b> |
| Owner's address, phone, email           | <b>8026 W Main St., Houma, LA, (985)873-6735, <a href="mailto:drone@tpcg.org">drone@tpcg.org</a></b> |   |  |                          |
| Services commenced by this firm (mm/yy) | <b>07/22</b>   | Total consultant contract cost (\$1,000's)                    |  | <b>\$80,000</b>          |
| Services completed by this firm (mm/yy) | <b>12/24</b>   | Cost of consultant services provided by this firm (\$1,000's) |  | <b>\$80,000</b>          |

Huval & Associates served as the lead bridge inspectors and evaluators for the Buquet Bridge following the damage caused by Hurricane Ida. The bridge, located on Falgout Canal Road over Bayou Grand Caillou in Terrebonne Parish, sustained significant structural damage, primarily from the impact of an offshore supply boat that broke loose during the storm. The collision displaced and twisted the steel lift span, causing it to become wedged between adjacent concrete spans. Additional wind and rain damage further compromised the structure.

Huval & Associates deployed an assessment team, including specialists in mechanical, structural, electrical engineering, and surveying, to conduct a comprehensive inspection. Led by Mr. Lee Hupperich, P.E., the team identified visible damage to the lift span and other critical components. Their evaluation categorized the damage based on hurricane impact and non-compliance with current engineering standards.

Huval provided detailed recommendations for necessary repairs, structural realignment, and potential upgrades to enhance the bridge's resilience and functionality. Currently, Huval maintains an active supporting role in the restoration efforts to bring the bridge back to a safe and operational condition.

The bridge was closed after the damage sustained caused by Hurricane Ida in August 2021. Repairs are currently under way and the bridge is expected to be reopened by late 2026.



### Key Project Members:

**Lee Hupperich**, Lead Mechanical Design and Inspector, Construction Support  
**Ray Provost**, Surveyor



## 17. Firm Experience

|   |   |   |  |                                     |          |
|---|---|---|--|-------------------------------------|----------|
| Firm name                               | Huval & Associates, Inc.  |   | Past Performance Evaluation Discipline(s)* |                                     | Bridge   |
| Project name                            | West Larose Emergency Guide Roller Repair   |   |  | Firm responsibility (prime or sub?) | Prime    |
| Project number                          | H.014998  | Owner's name  | LADOTD                                     |                                     |          |
| Project location                        | Larose, Louisiana   |   | Owner's Project Manager                    | Fallon M. Farber, P.E.              |          |
| Owner's address, phone, email           | 1201 Capitol Access Road, Baton Rouge, LA, 70804, Phone #225 379-1986, fallon.farber@la.gov |   |  |                                     |          |
| Services commenced by this firm (mm/yy) | 03/23   | Total consultant contract cost (\$1,000's)                    |  |                                     | \$66,000 |
| Services completed by this firm (mm/yy) | 01/25   | Cost of consultant services provided by this firm (\$1,000's) |  |                                     | \$66,000 |

Huval and Associates, Inc. served as both inspector and design engineer for the roller repairs on the West Larose Emergency Bridge Project. An on-site inspection, conducted by Senior Mechanical Design Engineer – Lee Hupperich, PE, revealed the southeast expansion roller had been knocked off, likely due to reinstallation by DOTD district maintenance after finding it on the main pier top. Inspections showed significant wear on the northwest roller assembly, secured by only one bolt and with a field-welded bracket for alignment. The southwest roller was operable but showed misalignment at 45 feet of lift along with the southeast roller.

Lee identified that all rollers were in poor condition and required replacement. Additionally, one or both towers appeared to be out of plumb, contributing to the expansion rollers' inability to stay within their guides when the span was fully raised. The likely cause of the southeast roller's dislodgment was a combination of span misalignment, cold temperatures, and gusty conditions, which led to the roller getting behind its respective guide and being forced from its shaft upon lowering.

Lee recommended a comprehensive solution including a tower survey to determine tower plumbness, inspection of rear tower leg anchor bolts, and developing plans for jacking and shimming the towers back to plumb and plans to replace the roller assemblies. Lee proposed replacing all roller assemblies with stronger, more durable materials for better guide engagement. These recommendations were backed by an analysis of the existing roller system which determined that they were undersized and did not meet AASHTO design requirements. Additionally, the tower survey showed that one tower needed a 1" shim at the rear legs and the other tower needed a 1.25" shim at its respective rear tower legs to bring everything back to plumb.

Through his role as inspector and design engineer, Lee provided critical oversight and engineering expertise to restore the operational integrity of the West Larose Lift Bridge, ensuring long-term functionality and structural stability

The bridge was closed for repairs in early 2025 and fully reopened at the end of January 2025.



### Key Project Members:

**Lee Hupperich**, Lead Mechanical Design and Inspector,  
Construction Support  
**Ray Provost**, Surveyor

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

**17. Firm Experience:**

|   |   |   |  |   |                |
|---|---|---|--|---|----------------|
| Firm name                               | <b>Eustis Engineering L.L.C.</b>  |   | Discipline(s)*                                 | <b>Other (Field &amp; Construction Materials Testing)</b> |                |
| Project name                            | <b>New Magazine Street Improvements, Between Leake Avenue to Avenue East Drive</b>                    |   |  | Firm responsibility (prime or sub?)                       | <b>Sub</b>     |
| Project number                          | <b>H.007273</b>   | Owner's name  | <b>LaDOTD Through Design Engineering, Inc.</b> |   |                |
| Project location                        | <b>New Orleans, Louisiana</b>   |   | Owner's Project Manager                        | <b>Brett Liuzza</b>                                       |                |
| Owner's address, phone, email           | <b>3330 West Esplanade Avenue, Suite 205, Metairie, Louisiana, 504-836-2155, bliuzza@dei-engr.com</b> |   |  |   |                |
| Services commenced by this firm (mm/yy) | <b>11/21</b>  | Total consultant contract cost (\$1,000's)                    |  |   | <b>Unknown</b> |
| Services completed by this firm (mm/yy) | <b>02/23</b>  | Cost of consultant services provided by this firm (\$1,000's) |  |   | <b>\$28</b>    |

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

The portion of Magazine Street between Leake Avenue and slightly east of East Drive in New Orleans, Louisiana was demolished and reconstructed. The new pavement comprised of Portland Cement Concrete. Utility features were also planned to be updated. Eustis Engineering provided construction materials testing services for the project to include sampling and field testing of earthwork, and field testing and sampling of concrete.

For the sampling and field testing of earthwork, Eustis Engineering provided a qualified technician to:

- observe proof rolling operations,
- obtain representative samples of materials intended for use on the project,
- perform in place density tests on these same materials throughout the day, and
- determine if the materials in the field have been properly compacted and are in compliance with the project plans and specifications.

During concrete, mortar, and grout testing services, Eustis Engineering's ACI certified technicians:

- recorded each mix design used while at the project site.
- recorded the amount of water or additives added to the concrete, mortar, and/or grout mix;
- observed the placement of the material while performing testing.
- performed slump tests (either visual or actual) for each truck load witnessed.
- sampled the material at intervals stated in the project plans and specifications.

**Key personnel for this Project included:**

**Travis R. Richards, P.E. , Jonathan B. Jadrich and Chad M. Ortolano.**



**17. Firm Experience:**

|   |   |  |   |   |   |                |
|---|---|--|---|---|---|----------------|
| Firm name                               | Eustis Engineering L.L.C.               |  |   | Discipline(s)*                                  | Other ( Field & Construction Materials Testing) |                |
| Project name                            | Bourbon Street Reconstruction, Phase II |  |   |   | Firm responsibility (prime or sub?)             | Prime          |
| Project number                          |   | Owner's name   |   | City of New Orleans, Department of Public Works |   |                |
| Project location                        | New Orleans, Louisiana                  |  |   | Owner's Project Manager                         |   | Joshua Hartley |
| Owner's address, phone, email           |   | 1300 Perdido Street, Room 6W03, New Orleans, Louisiana 70112, 1-504-565-7255, jwhartley@nola.gov |   |   |   |                |
| Services commenced by this firm (mm/yy) |   | 04/17  | Total consultant contract cost (\$1,000's)                    |   |   | Unknown        |
| Services completed by this firm (mm/yy) |   | 02/18  | Cost of consultant services provided by this firm (\$1,000's) |   |   | \$483          |

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

A major refurbishment of Bourbon Street paving between Canal Street and Dumaine Street was proposed by the City of New Orleans. The work would consist of replacement of existing drain lines, sewer and water mains, house connections, sidewalks, and a new 8-in. thick concrete pavement roadway. Eustis Engineering was tasked to provide the following services for this phase of the project:

- site observation and inspection.
- vibration monitoring.
- soil and/or aggregate materials sampling and laboratory testing including soil mechanics laboratory tests performed on materials such as sand (structural fill) as well as crushed concrete and limestone (base course) that were intended for use on the project. Testing included grain size analyses, Atterberg limits determinations, organic content, standard Proctor (ASTM D698), modified Proctor (LaDOTD TR418), and relative density Proctor (ASTM D4253, D4254);
- in-place density tests on the various materials listed above.
- inspection and sampling of concrete placed for street panels, sidewalks, curbs, catch basin foundations, valve box foundations, transition box foundations, electrical box foundations, etc.; and
- compressive strength testing of nearly 400 concrete cylinders made during inspection.

More than 30 Eustis Engineering employees and subcontract employees worked in excess of 5,300 hours on this project.



Key Personnel: **Travis R. Richards, P.E.** provided technical oversight on the project.

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



**17. Firm Experience:**

|   |   |   |                              |  |                |
|---|---|---|------------------------------|--|----------------|
| Firm name                               | Eustis Engineering L.L.C.   |   | Discipline(s)*               | Other (Field & Construction Materials Testing) |                |
| Project name                            | LA Highway 415 to Essen Lane on I-10 and I-12, Phase I: West of Washington Street to Essen Lane, Phase I, Segment 01: West of Washington Street to Acadian Thruway, Route I-10, West and East Baton Rouge Parish, Louisiana |   |                              | Firm responsibility (prime or sub?)            | Sub            |
| Project number                          | H.004100  | Owner's name  | LaDOTD Through Volkert, Inc. |  |                |
| Project location                        | West and East Baton Rouge Parishes, Louisiana   |   | Owner's Project Manager      | Janet Evans, P.E.                              |                |
| Owner's address, phone, email           | 9448 Brookline Avenue, Baton Rouge, Louisiana 70809, 225-218-9440, <a href="mailto:jan.evans@volkert.com">jan.evans@volkert.com</a>   |   |                              |  |                |
| Services commenced by this firm (mm/yy) | 12/23   | Total consultant contract cost (\$1,000's)                    |                              |  | Unknown        |
| Services completed by this firm (mm/yy) | Ongoing   | Cost of consultant services provided by this firm (\$1,000's) |                              |  | \$71 (to date) |

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

Eustis Engineering is providing Quality Assurance testing for DOTD's CE&I on a portion of this CMAR project. Concrete cylinders molded in the field by the construction inspectors on the self-consolidating concrete are being delivered to our laboratory for cutting, capping and compressive strength testing. Classification and compaction testing are also being performed in our laboratory on proposed backfill materials. Classification testing on sand backfill includes sieve testing to develop a particle size distribution curve. Compaction testing in the laboratory on sand backfill followed TR 418 (Method A).

**Key Personnel: Travis R. Richards, P.E.** provided oversight into this project.



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

**17. Firm Experience:**

|   |  |   |              |   |                         |                                     |                |              |
|---|--|---|--------------|---|-------------------------|-------------------------------------|----------------|--------------|
| Firm name                               | <b>GOTECH, Inc.</b>  |   |              | Past Performance Evaluation Discipline(s)*                    |                         | <b>**Survey</b>                     |                |              |
| Project name                            | <b>IDIQ Contract for Design of Safety Projects<br/>Statewide with Majority of Work in District 02, 61 &amp; 62</b> |   |              |   |                         | Firm responsibility (prime or sub?) |                | Sub          |
| Project number                          | <b>4400015487</b>  |   | Owner's name |   | <b>LADOTD</b>           |                                     |                |              |
| Project location                        | <b>Statewide</b>   |   |              |   | Owner's Project Manager |                                     | Mark Chenevert |              |
| Owner's address, phone, email           |  | <b>1201 Capitol Access Road, Room 405-E, Baton Rouge, LA 70802-4438, 225-379-1591, <a href="mailto:mark.chenevert@la.gov">mark.chenevert@la.gov</a></b> |              |   |                         |                                     |                |              |
| Services commenced by this firm (mm/yy) |  |   | <b>01/20</b> | Total consultant contract cost (\$1,000's)                    |                         |                                     |                | <b>\$N/A</b> |
| Services completed by this firm (mm/yy) |  |   | <b>05/20</b> | Cost of consultant services provided by this firm (\$1,000's) |                         |                                     |                | <b>\$84</b>  |

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

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

**Project staff included the following:**

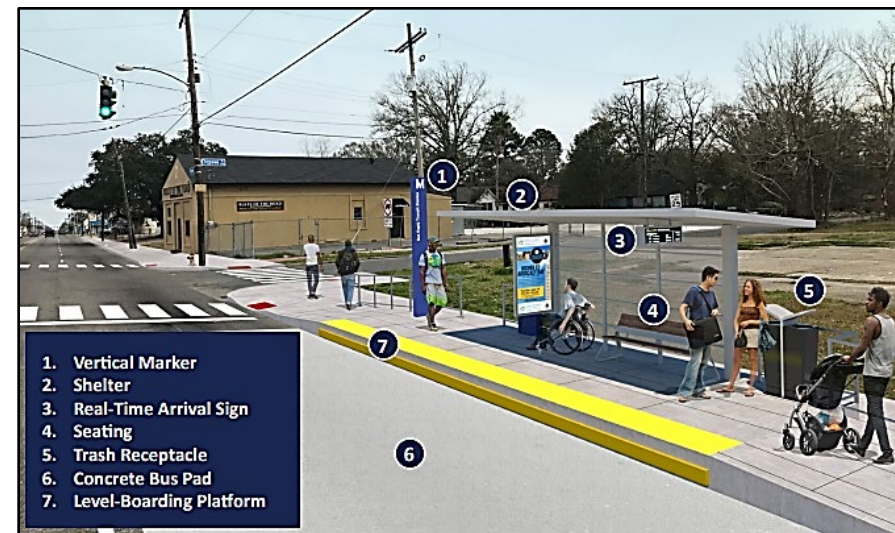
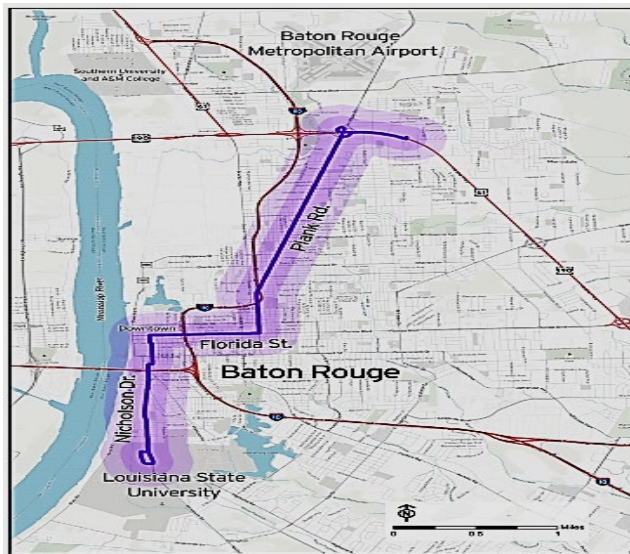
Rhaoul Guillaume, Sr., P.E., **Bruce Dyson, P.E., P.L.S.**, Robert Price, P.L.S.  
**Survey Crew: Brice Baker, Raymond Belmer, Jacob Belmer, Michael Major and Sean McKisson**



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

|   |   |                |   |  |                                     |                      |
|---|---|----------------|---|--|-------------------------------------|----------------------|
| Firm name                               | <b><i>GOTECH, Inc.</i></b>  |                |   | Past Performance Evaluation Discipline(s)* | <b>**Survey</b>                     |                      |
| Project name                            | <b>MOVEBR's Nicholson - Plank Bus Rapid Transit Corridor Project</b>  |                |   |  | Firm responsibility (prime or sub?) | <b>Sub</b>           |
| Project number                          | <b>16 CI-US-0032</b>  | Owner's name   | <b>City of Baton Rouge &amp; Parish of East Baton Rouge</b>   |  |                                     |                      |
| Project location                        | <b>Baton Rouge, LA</b>  |                |   | Owner's Project Manager                    | <b>Tom Stephens</b>                 |                      |
| Owner's address, phone, email           | <b>1100 Laurel Street, Baton Rouge, LA 70802, (225)389-3186, <a href="mailto:tstephens@brgov.com">tstephens@brgov.com</a></b> |                |   |  |                                     |                      |
| Services commenced by this firm (mm/yy) |   | <b>3/21</b>    | Total consultant contract cost (\$1,000's)                    |  |                                     | <b>Not Available</b> |
| Services completed by this firm (mm/yy) |   | <b>Present</b> | Cost of consultant services provided by this firm (\$1,000's) |  |                                     | <b>\$725</b>         |

As part of MOVEBR's Enhancement Program, GOTECH was selected to **perform surveying and mapping** services for the Nicholson-Plank Bus Rapid Transit Corridor Project. The project footprint extends from Nicholson Drive (LA 30) at Skip Bertman Drive to Plank Road (LA 67) at Airline Highway (US 61 / US190). The scope of work includes a topographic survey, cross section survey, right-of-way survey, utility survey, and mapping services. This 8.2-mile-long corridor survey includes different design elements such as subsurface utilities, subsurface drainage, median cross sections, urban and suburban contexts, pedestrian and transit facilities, and a significant amount of data overall.



Project staff includes:

Rhaoul Guillaume, Sr., P.E., **Bruce Dyson, P.E.**, PLS, Rob Price, P.L.S., Hogan Smith, P.E.  
Survey Crew: Raymond Belmer, Jacob Belmer, Michael Major, John Biggs, Brice Baker

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



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

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

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

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

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



**Project staff includes the following:**

**Rhaoul Guillaume, Sr., P.E., Bruce Dyson, P.E., P.L.S., CE&I Department: Terry Cormier, Nathan Millard, John Poche, Kenneth Prescott & Charles Stewart, Survey Crew: Raymond Belmer & Jacob Belmer, CADD Department: Diane Henderson**

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

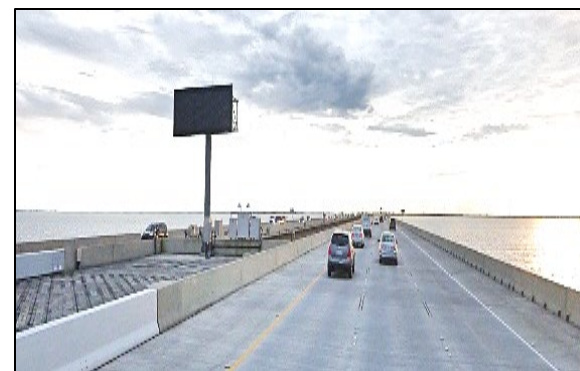
**17. Firm Experience:**

|   |   |   |   |
|---|---|---|---|
| Firm Name                               | <b>Gresham Smith</b>  | Past Performance Evaluation Discipline(s)*                    | <b>ITS</b>  |
| Project Name                            | <b>LADOTD, ITS Design and Implementation Services, WO #4: I-10 Twin Spans</b>         | Firm responsibility (prime or sub?)                           | <b>Prime</b>  |
| Project number                          | <b>H.011500.6</b>   | Owner's name  | <b>Louisiana Department of Transportation and Development</b> |
| Project location                        | <b>Lake Charles, Louisiana</b>  | Owner's Project Manager                                       | <b>Lucy Kimbeng, P.E.</b>                                     |
| Owner's address, phone, email           | <b>1201 Capitol Access Road, Baton Rouge, LA / 225.379.2528 / lucy.kimbeng@la.gov</b> |   |   |
| Services commenced by this firm (mm/yy) | <b>08/15</b>  | Total consultant contract cost (\$1,000's) (Design + CE&I)    | <b>\$209</b>  |
| Services completed by this firm (mm/yy) | <b>11/18</b>  | Cost of consultant services provided by this firm (\$1,000's) | <b>\$209</b>  |

Gresham Smith developed design plans along with specifications and cost estimates for eight Pan-Tilt-Zoom (PTZ) camera locations, a new Dynamic Message Sign (DMS) and power and communications equipment along an eight-mile segment of I-10 in a crucial evacuation route between New Orleans and Slidell Louisiana. This project included the design for the removal of existing cameras and DMS poles that were installed 10 years ago when the bridge was constructed. This project also utilized the existing conduit originally installed within the structure of bridge. Detailed structural analyses were performed to ensure that the new poles camera and DMS poles could be installed on the existing foundations within the bridge structure. It also included a new front access LED DMS enclosure, which required the design of a butterfly cantilever structure to support the LED DMS, the first of each to be installed along the interstate system in Louisiana.

Additionally, Gresham Smith incorporated connections from the existing bridge health monitoring equipment to the ITS network and TMCs. Gresham Smith also provided project management and reporting services for the duration of the project. This project stands as a great example of retrofitting new ITS technology along existing infrastructure to create a fully comprehensive ITS system on the Twin Span bridges.

**Firm members working/will work on this project and used in this proposal:**  
**Herbert "Bert" Moore, II, P.E., PLS, PTOE, Daniel Knott, Julian Bordelon, P.E., William "Bud" Smith**



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

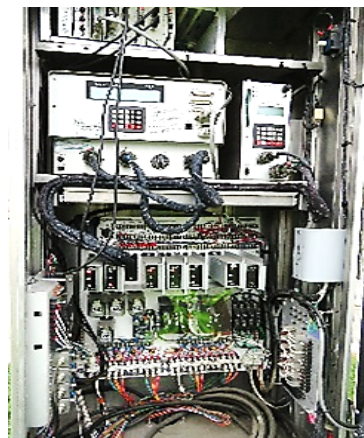
**17. Firm Experience:**

|   |  |   |   |
|---|--|---|---|
| Firm Name                               | <b>Gresham Smith</b>   | Past Performance Evaluation Discipline(s)*                    | <b>CE&amp;I/OV/ITS</b>  |
| Project Name                            | <b>LADOTD, Traffic Signal Communications Upgrade Phase I, CEI</b>                                  | Firm responsibility (prime or sub?)                           | <b>Prime</b>  |
| Project number                          | <b>H.012749.6-1</b>  | Owner's name  | <b>Louisiana Department of Transportation and Development</b> |
| Project location                        | <b>Ascension, East Baton Rouge, Livingston, St. James and West Baton Rouge Parishes, Louisiana</b> | Owner's Project Manager                                       | <b>Lucy Kimbeng, P.E.</b>                                     |
| Owner's address, phone, email           | <b>1201 Capitol Access Road, Baton Rouge, LA / 225.379.2528 / lucy.kimbeng@la.gov</b>              |   |   |
| Services commenced by this firm (mm/yy) | <b>01/20</b>   | Total consultant contract cost (\$1,000's) (Design + CE&I)    | <b>\$324</b>  |
| Services completed by this firm (mm/yy) | <b>09/21</b>   | Cost of consultant services provided by this firm (\$1,000's) | <b>\$324</b>  |

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

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

Firm members working/will work on this project and used in this proposal:  
**Herbert "Bert" Moore, II, P.E., PLS, PTOE, Daniel Knott, Julian Bordelon, P.E.**



#### Scope Elements

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



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



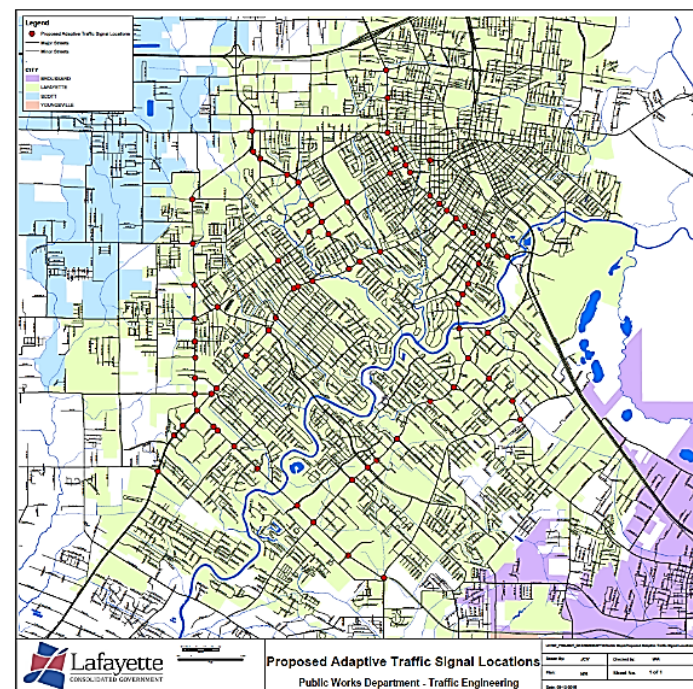
**17. Firm Experience:**

|   |   |   |   |                                     |                       |       |
|---|---|---|---|-------------------------------------|-----------------------|-------|
| Firm name                               | Gresham Smith   |   | Past Performance Evaluation Discipline(s)*                    |                                     | Traffic               |       |
| Project name                            | LADOTD, Traffic Engineering Retainer Contract TO#6: LCG Adaptive Traffic Signal |   |   | Firm responsibility (prime or sub?) |                       | Prime |
| Project number                          | H.012018.5  | Owner's name  | Louisiana Department of Transportation and Development        |                                     |                       |       |
| Project location                        | Lafayette, Louisiana  |   | Owner's Project Manager                                       |                                     | Andre Fillastre, P.E. |       |
| Owner's address, phone, email           |   | 1201 Capitol Access Road, Baton Rouge, LA / 225.242.4646 / andre.fillastre@la.gov |   |                                     |                       |       |
| Services commenced by this firm (mm/yy) |   | 10/18   | Total consultant contract cost (\$1,000's)                    |                                     |                       | \$813 |
| Services completed by this firm (mm/yy) |   | 05/24   | Cost of consultant services provided by this firm (\$1,000's) |                                     |                       | \$813 |

Gresham Smith was selected to upgrade all of the traffic signals in Lafayette, Louisiana and install **Adaptive Traffic Signal Control (ATSC)** along eight major corridors. This project included performing traffic signal inventories for all 190 traffic signals that are maintained by LCG. Once the inventories were performed, design plans were developed for traffic signal controller upgrades for all of the traffic signals to be upgraded from Trafficware 980 TS2 traffic signal controllers to Trafficware 980 ATC traffic signal controllers and the installation of a new emergency vehicle preemption system from Applied Information.

Of the 190 traffic signal locations, 78 intersections will have Synchro Green Adaptive Traffic Signal Control implemented into the project. Gresham Smith designed plans to upgrade the existing vehicle detection systems at these adaptive intersections to meet the needs of the new adaptive system. Gresham Smith performed a before study to measure the average travel times of the corridors without the Adaptive Traffic Signal Control. This data will serve as a baseline to measure the effect of the new system on travel times in Lafayette. As part of this Before Study, Gresham Smith was also able to deploy our MPATH system to measure the stress of the test drivers based on location. This information is incorporated into a GIS database that allows for easy map based visualization of stressful locations that could indicate near misses or other previously undiscoverable issues on the corridor.

Gresham Smith assisted with the implementation and integration of the adaptive system and the emergency vehicle preemption system. Gresham Smith has successfully completed the installation of other adaptive traffic signal systems in numerous states. Upon completion of this project, this will be the largest adaptive traffic signal system in Louisiana.

**Personnel worked on this project and used in this proposal:**

**Bert Moore, PE, Christina Florez, PE, Bud Smith, Julian Bordelon, PE, Daniel Knott, and Alben Cooper, 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

We understand that this IDIQ contract is for **CE&I services**, under which separate task orders will be issued, each of which will specify the scope of services, contract time and compensation. Under these task orders, we will perform all requested tasks, but not limited to, the items listed in the RFQ. Some of the major items will include maintenance of field records; daily entries into project diary to include contractor personnel and equipment being utilized, work being performed, the acceptability of traffic control, contract time charged; keeping record of quantities of contract items placed; inspection of contractor's daily operations for compliance with contract plans, specifications and approved materials; keeping clear and concise records of contractual operations; preparing daily/weekly/monthly quantity summaries/breakdowns; daily progress reports and entering all data and documents in SiteManager daily.

We understand that for **Staff Augmentation Services (SAS)** we will provide personnel when requested, to provide support to the existing DOTD staff. We also understand that our team/personnel will function as an **extension to** DOTD's staff who will provide expertise in engineering, inspection, office management, quality assurance, and dispute resolution.

**ECM Team, the best-in-class**, includes 1) Volkert, Inc. 2) Huval & Associates, Inc., 3) Gresham Smith 4) GOTECH, and 5) Eustis Engineering for providing **CE&I and SAS services** for various roads and bridge construction projects in District 02, which has an area of responsibility scattered over **seven (7) Parishes** that includes Jefferson, Lafourche, Orleans, Plaquemines, St. Bernard, St. Charles, and Terrebonne Parishes. ECM Team members understand the nature of the various potential projects that will be scattered all over the district and importance of communication and coordination between the stakeholders to keep them abreast of project status.

ECM has provided **CE&I services** for various road and bridge construction projects in **District 02** in the past and we have several Project Engineers who worked in District 02 office. ECM Team personnel are fully aware of the policies, procedures and DOTD's demand for delivering quality projects on time and on budget. Accurate and timely flow of information between the project team, the contractor and DOTD will aid the contractor in completion of the project successfully. The ECM Team utilizes all the current DOTD software as is described below and is prepared to work the contractor's working hours, which may include night work for off-peak traffic times. This experienced team can categorize issues, respond to those issues in the field which can be handled and understand which issues that need to be elevated. The experienced ECM staff can react quickly to the challenges encountered during construction, which will allow quick responses to the contractor and mitigate schedule delays. The ECM team is positioned to provide exceptional CE&I services to the DOTD as has been demonstrated by previous projects for the DOTD on other highways, bridges and roadways.

### 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 all the projects, meeting, and exceeding industry best practices and to the satisfaction of DOTD.

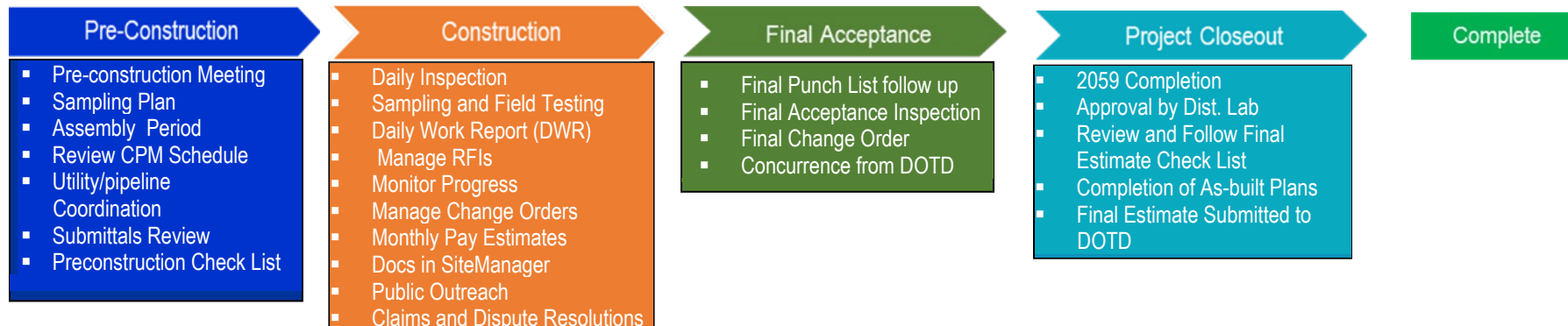
The ECM Team's construction administration and construction engineering and inspection (**CE&I**) **services approach places highly qualified and knowledgeable personnel on the project site with support from office engineering/technical staff.** The key management tool used to successfully accomplish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

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

## 2.1 Construction Engineering and Inspection (CE&I)

The ECM Team offers staff which have extensive broad experience with DOTD construction engineering and inspection procedures on roads, highways, bridges, drainage systems and utilities construction projects, as is shown in our project description and the resumes of our staff. Because our staff is already trained and experienced in **Site Manager**, **ProjectWise**, **LAPAVE** and **Headlight** applications now being used by DOTD, the team has an **enhanced ability** to provide updates on the progression of the projects. By using Headlight, timely updates can be given to DOTD since Daily Work Reports (DWR) will include pictures of ongoing work progress, and as **Site Manager Materials** becomes part of Headlight, this will further streamline the process. The Team's highly experienced Project Engineer, Assistant Project Engineers and certified Inspectors will be on site and will observe, monitor, record and report all construction activities regarding conformance, quality, workmanship, and safety compliance and will communicate with DOTD Project Engineer/Coordinator daily to ensure that the project is constructed in strict compliance with contract documents and meeting DOTD standards and requirements. They will monitor progress by tracking contract time and review of the base **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 the contractor for a resolution. While construction layout will be performed by the contractor, our subconsultant **GOTECH's survey team** will be used as needed where **survey verification** is requested. Our assigned Project/ Resident Engineer for a project will coordinate with DOTD Project Engineer, the contractor, the District Laboratory, and the District Utility Coordinator to set up a pre-construction meeting prior to starting the project. ECM provides all necessary equipment and materials for sampling and field testing, as well all safety equipment, computers, calculator, cell phones, cameras, measuring tapes, pickup trucks, iPad with Headlight software etc.

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



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

### 2.1.1 Pre-construction Meeting

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

### 2.1.2. Sampling and Field Testing

The Project/Resident Engineer will prepare a Sampling Plan in accordance with the Materials Sampling Manual for the project **unless** a sampling plan is prepared by DOTD District Lab and provided at Pre-Construction meeting. Field sampling will be performed by the ECM team and will promptly be 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. Eustis Engineering, LLC. will perform field testing and Material Testing for acceptance of materials when not performed by the District Lab.

### 2.1.3 Daily Work Reports (DWR)

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, the contractor's equipment on site, personnel, and work activities. Special attention will be given to **documenting deficiencies, non-conforming**



**and non-standard work, safety issues**, any unusual incidents and communication with the contractor, DOTD and other project team personnel at the site. The team's inspectors will document and enforce requirements of the Storm Water Pollution Prevention Plan (**SWPPP**) and any other requirements of permits from CPRA, DEQ, USACE and Coast Guard as applicable. Our certified inspectors will enter completed quantity of pay items and work progress daily. The team will also ensure that the contractor is **completing the required traffic control logs on a daily basis**. All documentations will be recorded utilizing DOTD software system (SiteManager, Headlight, LAPAVE and any other software provided by DOTD)

#### 2.1.4 Monitor Progress

**Adherence to schedule is critical to the project success.** The majority of the projects in district 02 will/may be high-profile projects that can draw significant media attention and elected official scrutiny. Our experienced CPM Scheduler will monitor progress compared to the contractor's baseline schedule as well as schedule updates. He will communicate with the 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/ Resident Engineer will address deficiencies, deviations, non- standard and non-conforming work that is performed by the contractor **and not rectified after notification by ECM staff**. ECM will document the non-conforming work, notify the contractor and simultaneously notify DOTD Project Coordinator for resolution.

#### 2.1.6 Monthly Pay Estimates

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

#### 2.1.7 Change Orders

The ECM Team's Project/Resident 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 the change order forms explaining the need for the change order and will include required attachments. Approval 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 vehicles and marine and all stakeholders, the Coast Guard, the DOTD, and the FHWA. All will be fully informed about project status, progress, construction issues and any unusual incidents. The ECM team's staff is familiar with the procedures for project updates or press releases that will require approval from the DOTD Area Engineer and others as needed and will be obtained prior to the release of any information. ECM is familiar with the **MyDOTD system** and is experienced in entering traffic and closure notices on the MyDOTD.

#### 2.1.9 Project Closeout

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

#### 2.1.10 Unique Resources and Capabilities

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

#### 2.1.11 Project Plan and Priorities:

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

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

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

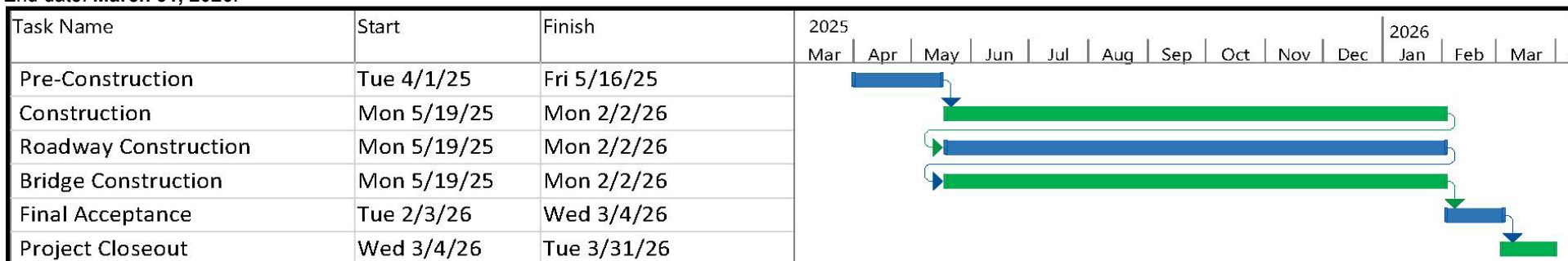
**Staffing Plan:** Based on our past experience, we estimate the staffing requirements for a **typical road and bridge project will be: One Project Engineer; an Assistant Project Engineer; Certified Lead Inspector, Certified - Embankment and Base Course Inspectors; PCC Paving Inspectors, Asphalt Paving Inspector, Structural Concrete Inspector, a CPM schedule reviewer, an Office Manager and a clerical staff.** We will use the required certified inspector(s) depending on the 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 DOTD. Since this is a 5-year Retainer Contract, our assigned project manager will serve for the entire duration of the contract for continuity. Also, for continuity, we will have one of our Project Engineer works closely with the PM so that he/she can manage the projects in the absence of the PM. Additionally, all our management personnel will be actively involved in every project, keep themselves abreast of the project status and will be able to provide support, when necessary. Our organization chart provides an overview of our staffing plan. Our Organization Chart shows multiple personnel in various categories to demonstrate our capacity and capability to provide CE&I services to multiple projects simultaneously.

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

**Quality Control/Quality Assurance Plan:** We will prepare and submit a detailed QA/QC Plan for CE&I services conforming to DOTD requirements, after the contract award. The plan will include a systematic and consistent review of all contracted services and help ensure standardization and quality of construction inspection services. The QA/QC Plan will be flexible, to respond to changes in required services and ensure a smooth flow of information and document control, while maintaining the highest possible level of accuracy, value, quality, and competency. Our QA process will include periodic audits to verify all quality control procedures are in place and adhered to. Our Project Engineer will be responsible for implementing the process, monitoring performance of field personnel, and monitoring progress, schedule, and cost. 2059 will be completed as the project progresses and the final closeout will be completed within 90 days of final acceptance.

### 3. Project Schedule

Below is a Basic Schedule as an example of a typical PCC roadway with one bridge construction Task Order project. Duration: 365 calendar days. Start date: **April 1, 2025**, and End date: **March 31, 2026**.



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

**19. Workload:**

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

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

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

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

| Firm(s)<br><b>ALL FIRMS</b> MUST BE<br>REPRESENTED IN THIS<br>TABLE | Past<br>Performance<br>Evaluation<br>Discipline(s) * | Contract Number and<br>State Project Number | Project Name  | Remaining<br>Unpaid<br>Balance** |
|---|--|---|---|----------------------------------|
| <b>ECM</b>  | Other (CQCM)   | Contract # BC-PSA 05, S.P.<br>H.0044791     | Belle Chasse Bridge & Tunnel Replacement Public-Private<br>Partnership Project  | N/A                              |
| <b>ECM</b>  | CE&I/OV  | Contract # 4400019872<br>H.012682.6         | IDIQ CE&I for Safety Projects Statewide with Majority of Work in<br>District 03, 07, and 08<br>( <i>Pedestrian Crosswalk Enh [NO PH2]</i> )                             | \$4,957                          |
| <b>ECM</b>  | CE&I/OV  | Contract# 4400019872<br>H.009298.6          | IDIQ CE&I Inspection Services Statewide with Majority of Work in<br>District 03<br>( <i>Town of Oberlin Sidewalks – Allen Parish</i> )                                  | \$5,358                          |
| <b>ECM</b>  | CE&I/OV  | Contract# 4400019872<br>H.013083.6          | IDIQ CE&I Inspection Services Statewide with Majority of Work in<br>District 03<br>( <i>Jefferson Island Sidewalk – Iberia Parish</i> )                                 | \$921                            |
| <b>ECM</b>  | CE&I/OV  | Contract# 4400019872<br>H.011196.6          | IDIQ CE&I Inspection Services Statewide with Majority of Work in<br>District 03<br>( <i>Barbre Elementary – Calcasieu Parish</i> )                                      | \$215,639                        |
| <b>ECM</b>  | CE&I/OV  | Contract# 4400019951<br>H.011781.6          | IDIQ CE&I Inspection Services Statewide with Majority of Work in<br>District 03<br>( <i>LA675 &amp; LA 87 IMP, in New Iberia (RT)</i> )                                 | \$1,163,887                      |
| <b>ECM</b>  | Other (dam safety)                                   | Contract# 4400020842<br>Task Order 4        | IDIQ Contract for Engineering & Inspection of State Regulated<br>Dams with Majority of work in District 03,07,6 & 62 Statewide<br>( <i>Dam Safety South Louisiana</i> ) | \$126,366                        |

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

|       |              |                                     |   |              |
|-------|--------------|-------------------------------------|---|--------------|
| ECM   | CE&I/OV      | Contract# 4400021680<br>H.008145.6  | DOTD LA1 Leeville to Golden Meadow  | \$4,651,506  |
| ECM   | CE&I/OV      | Contract# 4400021740<br>H.004100.6  | DOTD I-10: LA415 to Essen Lane on I-10 and I-12   | \$2,270,550  |
| ECM   | CE&I/OV      | Contract# 4400026101<br>H.011767    | DOTD Contract for Engineering & Inspection District 61<br>(Bayou Crab Road Bridge)                    | \$34,069     |
| ECM   | CE&I/OV      | Contract# 4400023838<br>H.013751.6  | IDIQ CE&I Services for Safety Projects<br>(Downtown Greenway La Connector BR East Baton Rouge Parish) | \$4,255      |
| ECM   | CE&I/OV      | Contract# 4400023838<br>H013094.6   | IDIQ CE7I Services for Safety Projects<br>(Broad St – Read Blvd Ped Improvements – Orleans Parish)    | \$571,397    |
| ECM   | CE&I/OV      | Contract# 4400025845<br>H.013025.6  | CE&I Engineering & Inspection Univ AV PH1:100' S RR-500' S I-10 EB RMP                                | \$1,123,009  |
| ECM   | CE&I/OV      | Contract#4400027364<br>H003184.6    | IDIQ CE&I Services District 07  | \$1,101,368  |
| Huval | Road, Bridge | Co. #:4400005673<br>S.P. H. 011235  | I-49 South @ Verot School Road Lafayette Parish – Design Phase Supp. #3,4,5                           | \$97,864     |
| Huval | Bridge       | Co. #:4400010428<br>S.P. H.004774.5 | Kansas Lane-Garrett Road Connector – Supp #1  | \$11,644     |
| Huval | Bridge       | Co. #: Not issued<br>S.P. H.004791  | LA 23: Belle Chasse Bridge and Tunnel (HBI)   | \$238,565    |
| Huval | Road, Bridge | Co. #: Not Issued<br>S.P.H.003931   | I-10 Calcasieu River Bridge; Public-Private Partnership   | \$20,033,996 |
| Huval | Bridge       | Co. #:4400017421<br>S.P. H.001352.5 | Comite Diversion Bridge at LA 67 – Construction Services  | \$174,522    |
| Huval |              | Co. #:4400017421<br>S.P. H.002273.5 | Comite Diversion Bridge at LA 19 & LA 19 Railroad – Const. Services                                   |              |
| Huval | Road, Bridge | Co. #:4400029193<br>S.P. H.004100.5 | I-10 CMAR –Design   | \$4,545,608  |
| Huval | Road, Bridge | Co. #:4400029193<br>S.P. H.004100.6 | I-10 CMAR – Construction Services   | \$727,569    |
| Huval | Road, Bridge | Co. #:440017262<br>S.P.H.012545.5   | LA 454: Wiggins Bayou Bridge  | \$87,456     |

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

|               |              |  |   |             |
|---------------|--------------|--|---|-------------|
| Huval         | Bridge       | Co. #:4400017262<br>S.P.H.014646.5           | I-20: US 165 East of Garret Road                              | \$27,224    |
| Huval         | Bridge       | Co. #:4400017262<br>S.P.H.014052.5           | LA 151: Construction Services                                 | \$38,473    |
| Huval         | Bridge       | Co. #:4400017262<br>S.P.H.002868.6           | I-49 South: Ambassador Caffery Interchange                    | \$24,106    |
| Huval         | Road, Bridge | Co. #:4400017262<br>S.P.H.012027.5           | I-20: UPRR Overpass   | \$362,180   |
| Huval         | Bridge       | Co.#. 4400017262<br>S.P.H. 014747.5          | Southern University Ravine Mitigation                         | \$280,902   |
| Huval         | Bridge       | Co.#. 4400017262<br>S.P.H. 011808.6          | LA 10: Palmetto Company Canal BR                              | \$27,915    |
| Huval         | Road, Bridge | Co. #. Not Assigned<br>S.P.H. 001779         | Jimmie Davis Bridge (LA 511 – Design-Build Project)           | \$2,218,929 |
| Huval         | Bridge       | Co.#. 4400023923<br>S.P.H. 013821.5          | LA 6: Youngs Bayou Bridges                                    | \$10        |
| Huval         | Bridge       | Co.#. 4400023923<br>S.P.H. 007300.5          | I-20 Widening and Kansas - Garrett Connector                  | \$18,483    |
| Huval         | Bridge       | Co.#. 4400023923<br>S.P.H. 012545.6          | LA 454 - Wiggins Bayou Bridge: Construction Services          | \$39,352    |
| Huval         | Bridge       | Co.#.4400023923<br>S.P.H. 014560.6           | LA 94: Vermillion Bridge Replacement                          | \$28,105    |
| Volkert, Inc. | Bridge       | Contract No. 44-25024<br>S. P. No. H.01551.8 | Ridge Road Over Castor Creek, Bienville Parish, LA            | \$115,275   |
| Volkert, Inc. | Bridge       | Contract No. 44-25024<br>S. P. No. H.015520  | Collinsburg Creek over Collinsburg Creek, Bossier Parish, LA  | \$95,160    |
| Volkert, Inc. | Bridge       | Contract No. 44-25024<br>S. P. No. H. 015522 | Barnette Road over Trib to Walnut Bayou, Caddo Parish, LA     | \$39,575    |
| Volkert, Inc. | Bridge       | Contract No. 44-25024<br>S. P. No. H.015524  | Self Road Over Dooley Canal, Caddo Parish, LA                 | \$20,050    |
| Volkert, Inc. | Bridge       | Contract No. 44-25024<br>S. P. No. H.015525  | Bailey Town Rd Over Little Corney Bayou, Claiborne Parish, LA | \$112,525   |
| Volkert, Inc. | Bridge       | Contract No. 44-25024<br>S. P. No. H.015527  | Hinds Road Over Wallace Bayou, DeSoto Paish, LA               | \$112,875   |
| Volkert, Inc. | Bridge       | Contract No. 44-25024<br>S. P. No. H.015528  | Courtney Road Over Dry Creek, Red River Parish, LA            | \$44,550    |

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



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|----------------------|---------|---|--|-------------|
| <b>Volkert, Inc.</b> | Bridge  | Contract No. 44-25024<br>S. P. No. H.015529           | Dorcheat Road Over Cow Branch, Webster Parish, LA  | \$98,300    |
| <b>Volkert, Inc.</b> | Bridge  | Contract No. 44-25024<br>S. P. No. H.015336           | Marathon Road over Gray Creek, Webster Parish, LA  | \$96,100    |
| <b>Volkert, Inc.</b> | Traffic | Contract No. 44-4787 S.P.<br>No. H.009250             | IMR I-10 Highland Road to LA 73, East Baton Rouge and Ascension Parishes, LA   | \$1,089,934 |
| <b>Volkert, Inc.</b> | Survey  | Contract No. 44-17069                                 | Louisiana Watershed Initiative (LWI) Modeling Contract Region 3, Sub Consultant  | \$37,965    |
| <b>Volkert, Inc.</b> | Survey  | Contract No. 44-17068                                 | IDIQ Contract for Louisiana Watershed Initiative (LWI) Modeling Contract Region 2, Sub Consultant, Task Order 1, 2, 3 and 4      | \$141,452   |
| <b>Volkert, Inc.</b> | Survey  | Contract No. 44-17764 S.P.<br>No. H.013284            | IDIQ Contract for Engineering and Inspection Services of State Regulated Dams with Majority of Work in Districts 04,05.08 and    | \$376,649   |
| <b>Volkert, Inc.</b> | CE&I/OV | Contract No. 44-16173 S.P.<br>No. H.003370            | I-220/I-20 Interchange Improvements & Barksdale AFB Access, Bossier Parish, LA   | \$4,016,130 |
| <b>Volkert, Inc.</b> | CE&I/OV | H.004791  | LA 23: Belle Chasse Bridge and Tunnel Replacement (HBI) Plaquemines Parish, LA   | \$260,753   |
| <b>Volkert, Inc.</b> | CE&I/OV | Contract No. 44-16980<br>H.013897                     | College Drive Flyover Ramp. I-10/I-12 West East Baton Rouge Parish, LA   | \$791,477   |
| <b>Volkert, Inc.</b> | CE&I/OV | Contract No. 44-21740<br>H.004100.6                   | Phase I W. of Washington Street to Essen Lane (CE&I) Phase I Segment 01. W. of Washington Street to Acadian Thruway, Route       | \$7,853,710 |
| <b>Volkert, Inc.</b> | CE&I/OV | Contract No. 4400026587 S.P.<br>No. H.001779.6        | Jimmie Davis Bridge (LA 511) (HBI) (Owner Verification Services) Route LA 511, Caddo and Bossier Parishes                        | \$119,199   |
| <b>Volkert, Inc.</b> | CE&I/OV | H.007811.6, H.000710.6,<br>H.002273.6, and H.001352.6 | Comite Diversion Canal CE&I and Utility Relocation, East Baton Rouge Parish, LA – Subconsultant                                  | \$5,298,210 |
| <b>Volkert, Inc.</b> | CE&I/OV | H.008145.6  | LA 1: Leeville to Golden Meadow Phase 2 (CE&I) & SA 1 Fabrication Lafourche Parish (Subconsultant to ECM)                        | \$328,156   |
| <b>Volkert, Inc.</b> | CE&I/OV | H.011965.6  | LA 47: IWGO Bridge Replacement (HBI) (CE&I), Orleans Parish - Subconsultant  | \$24,330    |
| <b>Volkert, Inc.</b> | CE&I/OV | H.002868.6  | Retainer Contract 44-26334 IDIQ Contract for Precast Prestress Concrete Fabrication Inspection, Task Order 3 Fabrication, I-49 S | \$1,648.    |
| <b>Volkert, Inc.</b> | CE&I/OV | H.011808.6  | Retainer Contract 44-26334 IDIQ Contract for Precast Prestress Concrete Fabrication Inspection, Task Order 4 Fabrication, LA 10: | \$3,205     |
| <b>Volkert, Inc.</b> | CE&I/OV | H.011808.6  | Retainer Contract 44-26334 IDIQ Contract for Precast Prestress Concrete Fabrication Inspection, Task Order 5 Fabrication, LA     | \$4,164     |
| <b>Volkert, Inc.</b> | CE&I/OV | H.011808.6  | Retainer Contract 44-26334 IDIQ Contract for Precast Prestress Concrete Fabrication Inspection, Task Order 6 Fabrication, Caplis | \$20,050    |

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

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|--|---------------------|--------------------------|--|-----------|
| Gresham Smith                                | Road                | 44-19871; H.013073.5     | LRSP/STRPPP Greenwells Springs & Wooddale Sidewalks              | \$9,344   |
| Gresham Smith                                | Traffic             | 44-19871; H.015086.5     | LRSP/STRPPP LA 14  | \$3,791   |
| Gresham Smith                                | Road                | 44-19871; H.013714.5     | LRSP/STRPPP Valhi Boulevard Shared Use Path Signing and Striping | \$9,677   |
| Gresham Smith                                | Traffic             | 44-19871; H.015201       | LRSP/STRPPP Richwood Traffic Study                               | \$60,939  |
| Gresham Smith                                | Road                | 44-21326; H.010074.1     | Stage 0 Lafourche Bayou Bridge (HBI)                             | \$85,966  |
| Gresham Smith                                | Traffic             | 44-25298; H.013388.5     | LaFourche Flashing Yellow Arrow Traffic Signal Upgrade           | \$306,058 |
| Gresham Smith                                | Traffic             | 44-26911; H.014629.5     | LRSP/STRPPP TO #1 Lafourche Design                               | \$31,087  |
| Gresham Smith                                | Traffic             | 44-26911; H.013718.5     | LRSP/STRPPP TO #3 LA 23 Gretna                                   | \$189,315 |
| Gresham Smith                                | Traffic             | 44-26911; H.013713.5     | LRSP/STRPPP TO #4 LA 60 Bogalusa                                 | \$111,674 |
| Gresham Smith                                | Traffic             | 44-26911; H.015198.5     | LRSP/STRPPP TO #5 S. Carrollton)                                 | \$21,886  |
| Gresham Smith                                | Road                | 44-27210; H.012859.5     | Roundabout at Valhi Blvd   | \$259,554 |
| Gresham Smith                                | Other (Program Mgt) | 44-27186; H.015959.1     | Discretionary Grant Administration                               | \$112,296 |
| Gresham Smith                                | Road                | 44-27181; H.016012.      | Transportation Alternative Program TO #1                         | \$49,389  |
| Gresham Smith                                | Road                | 44-26912; H.014640       | LRSP/STRPPP TO #1 St. Mary Parish                                | \$19,233  |
| Gresham Smith                                | Road                | 44-26912; H.015203.5     | LRSP/STRPPP TO #2 Pinhook  | \$88,442  |
| Gresham Smith                                | CE&I/OV             | 44-24424; H.013256.6     | I-10 Scott to Lake Charles ITS CEI                               | \$1,873   |
| GOTECH, Inc.<br>(Subconsultant to GEC, Inc.) | CE&I/OV             | 4400017006; TO: H.011670 | I-10 / Loyola Interchange Improvements (Jefferson Parish)        | \$81,130  |

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

|   |         |                             |   |             |
|---|---------|-----------------------------|---|-------------|
| <b>GOTECH, Inc.</b><br>(Subconsultant to<br>R.C. Lambert<br>Consultants, LLC) | CE&I/OV | 4400019550; SPN: H.001234   | LA 1: Port Allen Canal Bridge Replacement Phase 1 (HBI) (CE&I)<br>Route LA 1<br>(West Baton Rouge Parish)               | \$265,755   |
| <b>GOTECH, Inc.</b><br>(Subconsultant to<br>GEC, Inc.)                        | CE&I/OV | 4400023074; TO: H.012465    | IDIQ Contract for Construction, Engineering & Inspection & Staff<br>Augmentation - Pecan Island Rd District 61(Hammond) | \$54,591    |
| <b>GOTECH, Inc.</b><br>(Subconsultant to<br>GEC, Inc.)                        | CE&I/OV | 4400023074; TO: H.014694.6  | LA 426:LA 73 Sherwood Forest District 61(Hammond)   | \$40,520    |
| <b>GOTECH, Inc.</b><br>(Subconsultant to<br>GEC, Inc.)                        | CE&I/OV | 4400023074; TO: H.014930    | Rumble Strips - District 61(Hammond)  | \$21,449    |
| <b>GOTECH, Inc.</b><br>(Subconsultant to<br>Volkert)                          | CE&I/OV | 4400021740; SPN: H.004100.6 | I-10: LA 415 to Essen Ln on I-10 & I-12<br>(West & East Baton Rouge Parish)   | \$1,354,573 |
| <b>GOTECH, Inc.</b><br>(Subconsultant to                                      | Survey  | 4400025040; SPN: H.015530   | Infrastructure Investment Off-System Bridge Program – Devall Rd<br>over Drainage Ditch District 61                      | \$3,150     |
| <b>GOTECH, Inc.</b><br>(Subconsultant to<br>GEC, Inc.)                        | Survey  | 4400025040; H.015531        | Rue De Cajun over Bayou Pierre Part<br>(Ascension Parish)   | \$3,150     |
| <b>GOTECH, Inc.</b><br>(Subconsultant to<br>GEC, Inc.)                        | Survey  | 4400025040; H.015532        | Beco Rd over Duckroos Bayou (Ascension Parish)  | \$3,150     |
| <b>GOTECH, Inc.</b><br>(Subconsultant to<br>GEC, Inc.)                        | Survey  | 4400025040; H.015540        | Section Rd over Poydras (Point Coupee & WBRP)   | \$3,150     |
| <b>GOTECH, Inc.</b><br>(Subconsultant to<br>GEC, Inc.)                        | Survey  | 4400025040; H.015534        | Line Rd over Black Creek (E Feliciana Parish)   | \$4,500     |
| <b>GOTECH, Inc.</b><br>(Subconsultant to<br>GEC, Inc.)                        | Survey  | 4400025040; H.015535        | Billy Goat Rd over Palmers Ranch (E Feliciana Parish)   | \$4,500     |
| <b>GOTECH, Inc.</b><br>(Subconsultant to<br>GEC, Inc.)                        | Survey  | 4400025040; H.015533        | Midway Rd over Black Creek (E Feliciana Parish)   | \$4,500     |

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

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|---|-----------------|---|---|-----------|
| <b>GOTECH, Inc.</b><br>(Subconsultant to GEC, Inc.)                           | Survey          | 4400025040; H.015536                                    | Thompson Creek Rd over Shady Grv Bayou (Iberville Parish)                             | \$4,500   |
| <b>GOTECH, Inc.</b><br>(Subconsultant to GEC, Inc.)                           | Survey          | 4400025040; H.015538                                    | Callegan Rd over Drainage Bayou (Iberville Parish)                                    | \$4,500   |
| <b>GOTECH, Inc.</b><br>(Subconsultant to GEC, Inc.)                           | Survey          | 4400025040; H.015542                                    | Highland Rd over Madden Creek (W Feliciana Parish)                                    | \$4,500   |
| <b>GOTECH, Inc.</b><br>(Subconsultant to GEC, Inc.)                           | Survey          | 4400025040; H.015542                                    | Greenwood Rd over Old Creek (W Feliciana Parish)                                      | \$4,500   |
| <b>GOTECH, Inc.</b><br>(Subconsultant to GEC, Inc.)                           | Survey          | 4400025040; H.015541                                    | Canfield Rd over West Fork Bayou (W Feliciana Parish)                                 | \$4,500   |
| <b>GOTECH, Inc.</b><br>(Subconsultant to GEC, Inc.)                           | Survey          | 4400025040; H.015539                                    | Lorio Dairy Rd over Bayou Sere (Point Coupee Parish)                                  | \$4,500   |
| <b>GOTECH, Inc.</b><br>(Subconsultant to GEC, Inc.)                           | CE&I/OV         | 4400024438; SPN: H.010673<br>Control Section No. 283-09 | US90Z: Harvey Canal Tunnel Rehab Route US 90-Z Federal Aid Project (Jefferson Parish) | \$190,550 |
| <b>GOTECH, Inc.</b><br>(Subconsultant to ECM)                                 | CE&I/OV; Survey | 4400021680; SPN: H.008145.6                             | LA 1: Leeville to Golden Meadow (Lafourche Parish)                                    | \$718,942 |
| <b>GOTECH, Inc.</b><br>(Subconsultant to Michael Baker)                       | CE&I/OV         | 4400025536; SPN: H.013956.6                             | IDIQ CE&I District 61 – Beamon Rd Bridge (Pointe Coupee Parish)                       | \$39,703  |
| <b>GOTECH, Inc.</b><br>(Subconsultant to GEC, Inc.)                           | CE&I/OV         | 4400028884; SPN: H.003931.5                             | Calcasieu River Bridge (Calcasieu Parish)   | \$89,115  |
| <b>GOTECH, Inc.</b><br>(Subconsultant to HNTB)                                | Survey          | 4400023512; TO: 1                                       | IDIQ Bridge Inspection – John James Audubon Bridge Monitor (Statewide)                | \$6,146   |
| <b>GOTECH, Inc.</b><br>(Subconsultant to Digital Engineering & Imaging, Inc.) | Survey          | 4400026910 & 4400026911;<br>SPN: H.015210.5             | IDIQ Design of Safety Proj–Judge Tanner Blvd Sidewalk (St. Tammany Parish)            | \$33,444  |

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

|                                      |         |  |   |           |
|--------------------------------------|---------|--|---|-----------|
| <b>Eustis Engineering<br/>L.L.C.</b> | Geotech | Contract No. 4400019017<br>Task Order No. 3<br>S.P. No. H.015028.6<br>F.A.P. No. H015028   | LA 302: Bayou Barataria Bridge Replacement, Phase 1,<br>Engineering During Construction, Jefferson Parish, Louisiana,<br>Eustis Engineering Project No. 24515.01  | \$75,904  |
| <b>Eustis Engineering<br/>L.L.C.</b> | Geotech | Contract No. 400019017<br>Task Order No. 5.<br>S.P. No. H.011970.5<br>F.A.P. No. H011970.5 | Bayou Terrebonne Bridges, LA Highway 182 Houma (Terrebonne<br>Parish), Louisiana, Eustis Engineering Project No. 25303  | \$35,101  |
| <b>Eustis Engineering<br/>L.L.C.</b> | Geotech | Contract No.4400019017<br>Task Order No. 6.<br>S.P. No. H.015050.5<br>F.A.P. No. H015050   | Bridge Replacement and Embankment Widening, Gravolet Road<br>Over Drainage Canal, Braithwaite (Plaquemines Parish),<br>Louisiana, Eustis Engineering Project No. 25305  | \$22,531  |
| <b>Eustis Engineering<br/>L.L.C.</b> | Geotech | Contract No.4400019017<br>Task Order No. 8.<br>S.P. No. H.015909<br>F.A.P. No. H015909     | Bayou Macon Bridge Replacement, U.S. Highway 80, Delhi<br>(Richland Parish), Louisiana, Eustis Engineering Project No.<br>25396   | \$108,201 |
| <b>Eustis Engineering<br/>L.L.C.</b> | Geotech | S.P. No. H.013897<br>F.A.P. No. H013897  | I-10 and I-12 College Flyover Ramp Design-Build Project, East<br>Baton Rouge Parish, Louisiana, Project No. B0646   | \$9,350   |
| <b>Eustis Engineering<br/>L.L.C.</b> | Geotech | Contract No. 4400021740<br>S.P. No. H.004100.6<br>F.A.P. No. H004100                       | I-10: LA Highway 415 to Essen Lane on I-10 and I-12, Phase I:<br>West of Washington Street to Essen Lane, Phase I, Segment 01:<br>West of Washington Street to Acadian Thruway, Route I-10, West<br>and East Baton Rouge Parish, Louisiana, Eustis Engineering<br>Project No. B0771 | \$46,200  |

(Add rows as needed)

DO NOT SUM

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

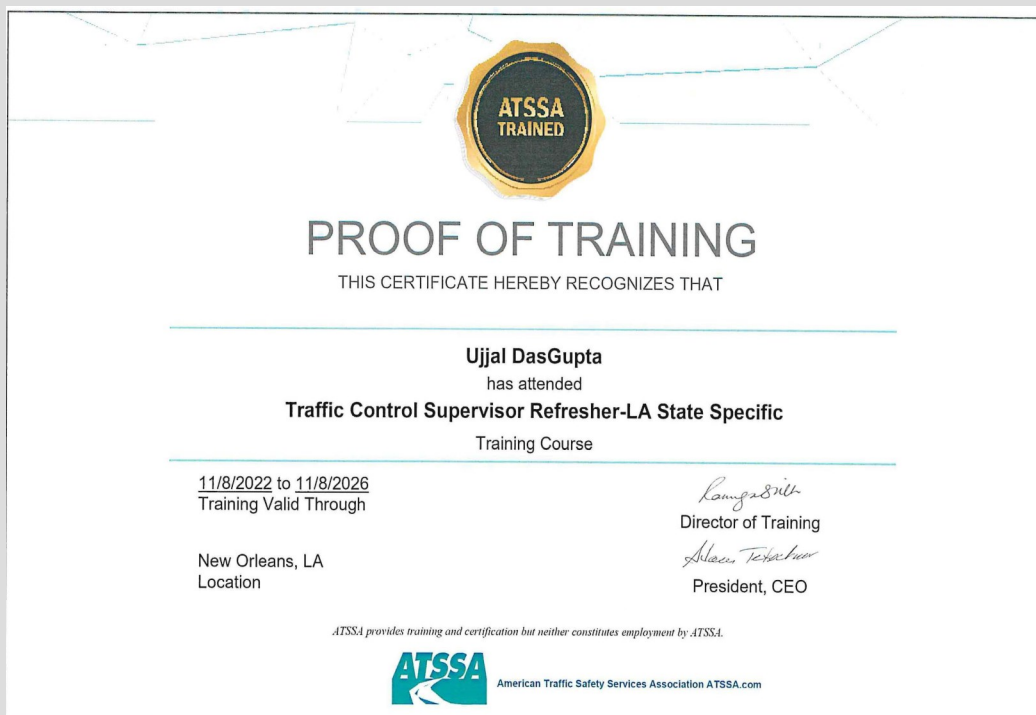
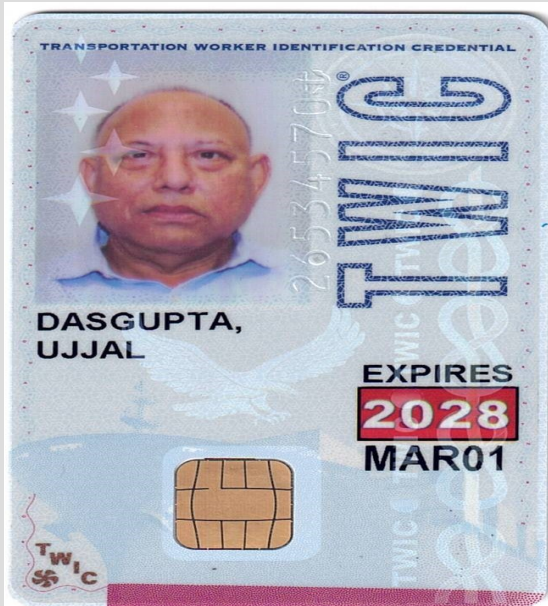
\*\* Round to the nearest dollar. **Do not** round to the nearest thousands. If there are no active contracts with a remaining unpaid balance, place N/A in the Remaining Unpaid Balance column. **NOTE: ALL FIRMS MUST BE REPRESENTED IN THIS TABLE.** LEAVING THE “REMAINING UNPAID BALANCE” COLUMN BLANK IS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

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



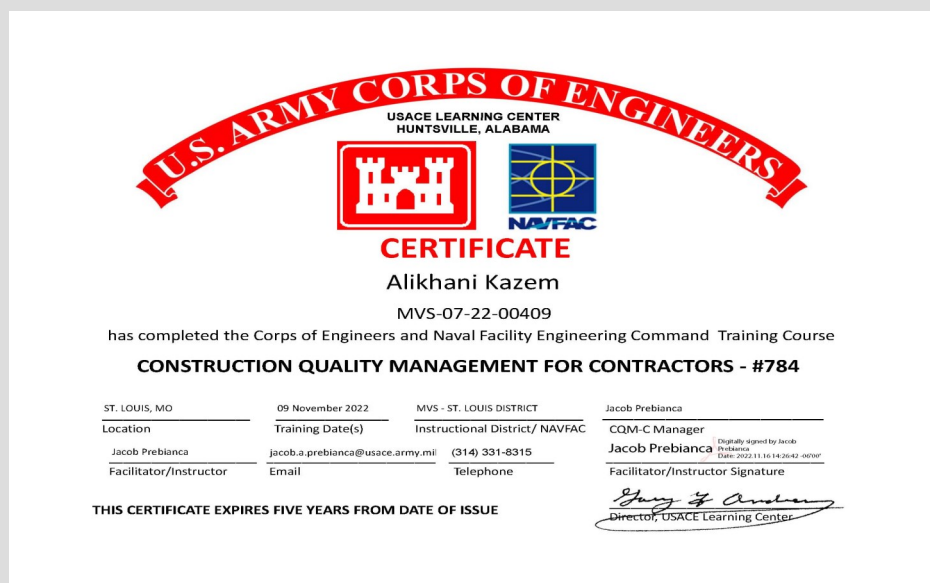
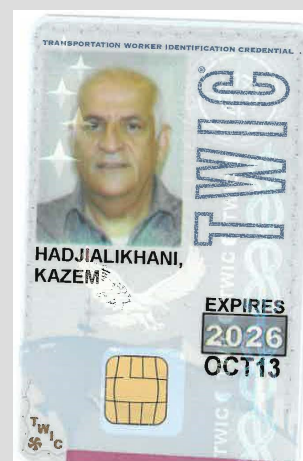
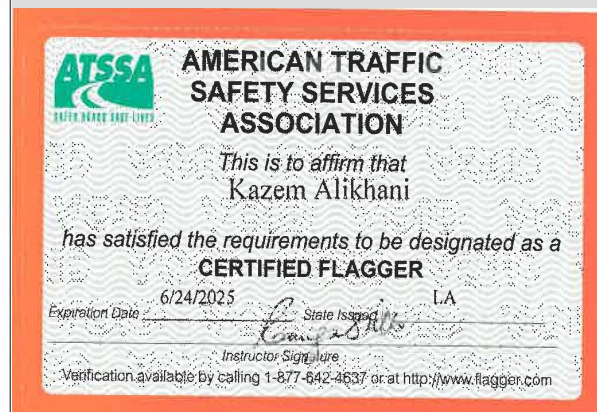
### Certifications:

Ujjal DasGupta, P.E.



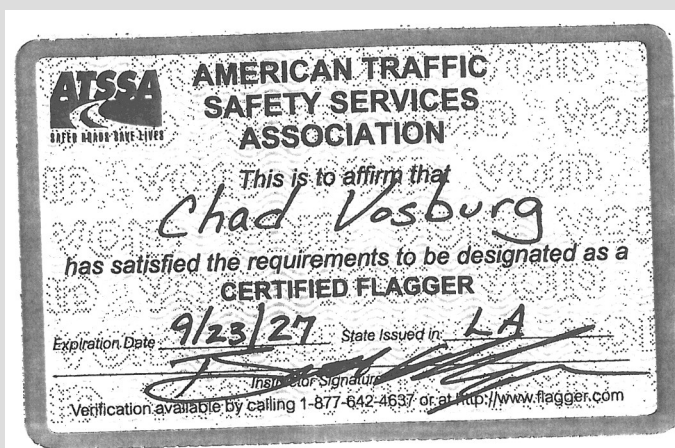
## Certifications:

### Kazem Alikhani, P.E.



## Certifications:

### Chad Vosburg, P.E.

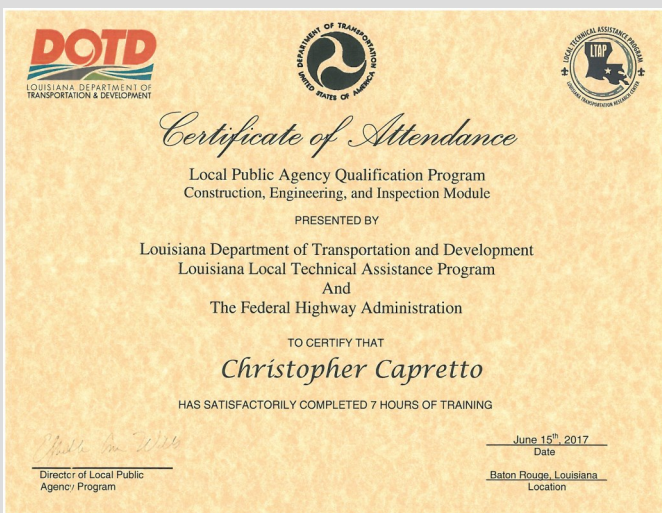
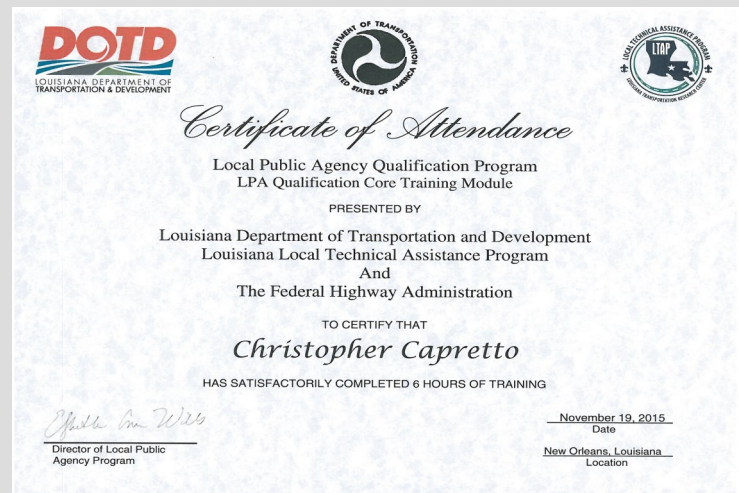
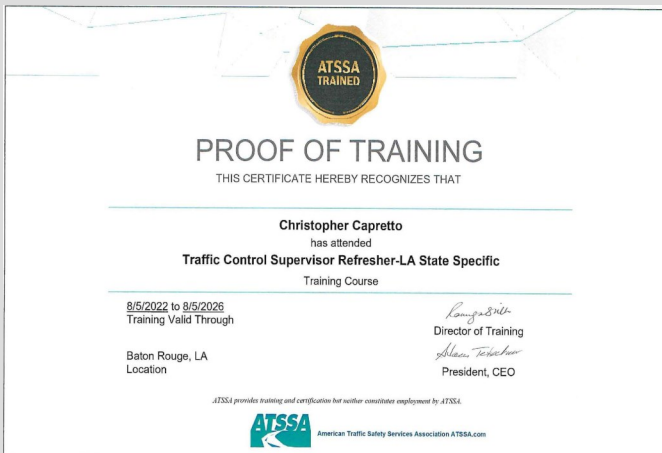




Certifications:  
Mark Stinson



# Certifications: Chris Capretto, P.E.





## Certifications: Blake Guidry P.E.



### PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

**Blake Guidry**  
has attended  
**Louisiana Traffic Control Supervisor Refresher**  
Training Course

9/8/2023 to 9/8/2027  
Training Valid Through

Baton Rouge, LA  
Location

*Don H. Clark*  
Vice President of Education and Technical Services

*Alan T. Jackson*  
President, CEO

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



American Traffic Safety Services Association ATSSA.com



American Traffic Safety Services Association

DATE: 8/5/2023

This is to affirm that


**Blake Guidry**  
has satisfied the requirements to be designated as a  
**CERTIFIED FLAGGER**

Issue Date 8/5/2023 ATSSA  
Exp. Date 8/4/2027  
State issued LA


*Don H. Clark*  
Instructor Name  
Instructor Signature

A1000129451

Verify at [Flagger.com](http://Flagger.com)



USACE LEARNING CENTER  
HUNTSVILLE, ALABAMA



### CERTIFICATE

**BLAKE GUIDRY**  
MVN-01-22-00930

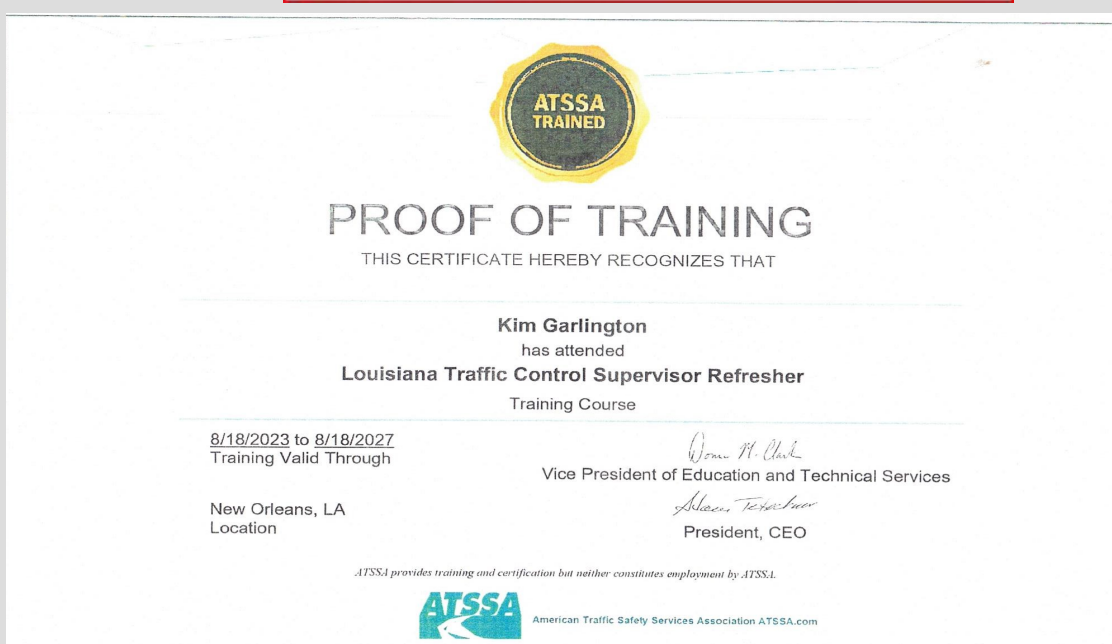
has completed the Corps of Engineers and Naval Facility Engineering Command Training Course  
**CONSTRUCTION QUALITY MANAGEMENT FOR CONTRACTORS - #784**

|                        |                  |                                |                                  |
|------------------------|------------------|--------------------------------|----------------------------------|
| New Orleans, Louisiana | 20 - 21 APR 2022 | New Orleans District - MVN     | Leslie Nuccio                    |
| Location               | Training Date(s) | Instructional District/ NAVFAC | CQM-C Manager                    |
| Jaime Wright           | (504) 862-2415   |                                | WRIGHT, JAMIE L (504) 862-2415   |
| Facilitator/Instructor | Email            | Telephone                      | Y.1374280932                     |
|                        |                  |                                | Facilitator/Instructor Signature |

*Jeffrey D. Dziedzic*  
Chief, USACE Learning Center  
Jeffrey D. Dziedzic

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

**Certifications:**  
**Kim Garlington P.E.**

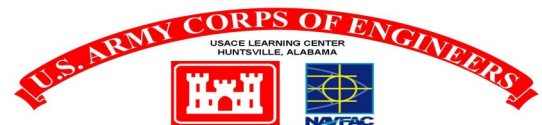


## Certifications: Gary Gisclair P.E.



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

| Qualification Name<br>Provider            | Date       | Expires On<br>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 Inspec 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 Inspec    | 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 Design Sfty | 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 Princpls/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 - MVN    | Leslie Muccio                         |
| Location               | Training Date(s) | Instructional District/NAVFAC | COM-C Manager                         |
| Jaimie Wright          |                  | (504) 862-2415                | WRIGHT, JAMILLEROY, J. (504) 862-2415 |
| Facilitator/Instructor | Email            | Telephone                     | Facilitator/Instructor Signature      |
|                        |                  |                               | Jeffrey D. Dziedziec                  |

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



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

| Qualification Name<br>Provider          | Date       | Expires On<br>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/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<br>Provider           | Date       | Expires On<br>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 | 10/27/2019 | 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                        |     |

# Certs: Jessica Miles (Volkert)

National Flagger

Beginning date: 7/17/2023

End date: 7/16/2027

ATSSA No. A1000128865

|  |                       | JOIN ATSSA            | ATSS FOUNDATION | ABOUT US             | LOGIN       | FIND TR |
|---|-----------------------|-----------------------|-----------------|----------------------|-------------|---------|
| TRAINING & CERTIFICATION  | RESOURCES & TOOLS     | CHAPTERS & COMMITTEES | NEWS & EVENTS   | GOVERNMENT RELATIONS |             |         |
| Aaron D Miles   | Maryland Flagger Exam | 4/20/2022             | 4/20/2026       | A1000072239          | V0000103370 |         |
| Brandon Miles   | Maryland Flagger Exam | 3/11/2021             | 3/11/2025       | A100015727           |             |         |
| Girard Miles  | Maryland Flagger Exam | 12/29/2022            | 12/29/2026      | A1000121546          | V0000100030 |         |
| Sean Miles  | National Flagger      | 10/30/2024            | 10/29/2028      | A1000281342          | V0000249743 |         |
| Solomon D Miles   | National Flagger      | 9/21/2024             | 9/20/2028       | A1000256393          | V0000240368 |         |
| Emmett M Miles  | National Flagger      | 7/2/2024              | 7/1/2028        | A1000232166          | V0000189854 |         |
| Anthony Miles   | National Flagger      | 12/29/2023            | 12/28/2027      | A1000234708          | V0000288090 |         |
| Dwayne Miles  | National Flagger      | 8/5/2024              | 8/4/2028        | A1000245501          | V0000292359 |         |
| Richard Miles   | National Flagger      | 9/6/2024              | 9/5/2028        | A1000247637          | V0000061601 |         |
| Dustin Miles  | National Flagger      | 7/29/2024             | 7/28/2028       | A1000248347          | V0000232743 |         |
| Samuel Miles  | National Flagger      | 11/17/2024            | 11/16/2028      | A1000269475          | V0000311423 |         |
| Dylann Miles-Bontog   | National Flagger      | 3/9/2021              | 3/8/2025        |                      |             |         |
| Denver Miles  | National Flagger      | 9/19/2023             | 9/18/2027       | A1000130997          |             |         |
| Darrell Miles   | National Flagger      | 4/4/2023              | 4/3/2027        | A1000124603          |             |         |
| Omar Miles  | National Flagger      | 8/12/2023             | 8/11/2027       | A1000129741          |             |         |
| Jessica Miles   | National Flagger      | 7/17/2023             | 7/16/2027       | A1000128865          |             |         |



## PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

**Jessica Miles**

has attended

**Louisiana Traffic Control Supervisor**

Training Course

7/12/2023 to 7/12/2027  
Training Valid Through

Baton Rouge, LA  
Location

*Don H. Clark*  
Vice President of Education and Technical Services

*Alexis Testa*  
President, CEO

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American Traffic Safety Services Association ATSSA.com



(Gresham Smith)



**LOUISIANA PROFESSIONAL  
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(LAPELS)**  
9643 Brookline Avenue, Suite 121  
Baton Rouge, LA 70809  
Phone (225) 925-6291  
[www.lapels.com](http://www.lapels.com)

**Ms. Christina Marie Florez**

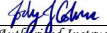
**License/Certificate Type - Number**  
**PE.0038799**


**Status: Active** **Exp Date: 09/30/2026**


*Certificate of Completion*  
presented to  
*Christina Florez*  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 1**


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

Professional Development  
Hours (PDHs) Awarded: 2

  
Authorized Instructor

  
Authorized Instructor


  
Authorized instructor


  
LOUISIANA DEPARTMENT OF  
TRANSPORTATION & DEVELOPMENT


*Certificate of Completion*  
presented to  
*Christina Florez*  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 2**


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

Professional Development  
Hours (PDHs) Awarded: 3

  
Authorized Instructor

  
Authorized Instructor

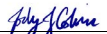
  
Authorized instructor


  
LOUISIANA DEPARTMENT OF  
TRANSPORTATION & DEVELOPMENT


*Certificate of Completion*  
presented to  
*Christina Florez*  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 3**


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

Professional Development  
Hours (PDHs) Awarded: 3

  
Authorized Instructor

  
Authorized Instructor

  
Authorized instructor

  
LOUISIANA DEPARTMENT OF  
TRANSPORTATION & DEVELOPMENT

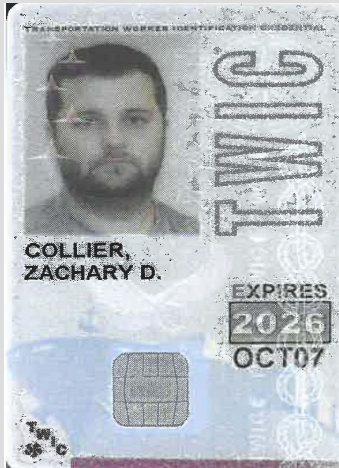




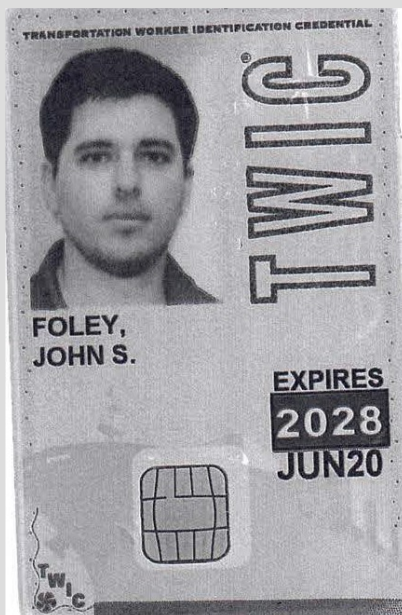


## Certifications:

### Zachary Collier, P.E.



**Certifications:**  
**John Foley P.E.**





## PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

---

**John Foley**  
has attended  
**Louisiana Traffic Control Supervisor Refresher**  
 Training Course

---

8/18/2023 to 8/18/2027  
Training Valid Through

CEU: 0.75

New Orleans, LA  
Location

*David H. Galt*  
Vice President of Education and Technical Training

*Shirley T. Johnson*  
President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.  
 This certificate provides proof of training, not certification.

 American Traffic Safety Services Association ATSSA.com

 **American Traffic Safety Services Association**  
 SAFER ROADS. SAVE LIVES.

This is to affirm that

**John Foley**  
 has satisfied the requirements to be designated as a  
**CERTIFIED FLAGGER**

Issue Date 6/1/2024 ATSSA  
 Exp. Date 5/31/2028 Instructor Name  
 State Issued Louisiana Instructor Signature

A1000208228 verify at [Flagger.com](http://Flagger.com)



**Certifications:**  
**Cory Davis P.E.**

**ATSSA** American Traffic Safety Services Association  
SAFER ROADS HAVE LIVED

*This is to affirm that*

**CORY DAVIS**  
*has satisfied the requirements to be designated as a*  
**CERTIFIED FLAGGER**

Issue Date 7/12/2023 Instructor Name Debbie Purcella  
 Exp. Date 7/12/2027 *Debbie Purcella*  
 State Issued LA Instructor Signature  
 V0000175960 Verify at Flagger.com

**State of Louisiana**  
**Department of Transportation and Development**

**Cory Davis**  
*has met the requirements for certification as a(n):*  
**Structural Concrete**  
**Inspector**

 02 ND Expiration Date: 2/22/2027

**ATSSA TRAINED**

**PROOF OF TRAINING**  
 THIS CERTIFICATE HEREBY RECOGNIZES THAT

**Cory Davis**  
 has attended  
**Traffic Control Supervisor Refresher-LA State Specific**  
 Training Course

5/19/2023 to 5/19/2027  
 Training Valid Through

New Orleans, LA  
 Location

*Donna M. Clark*  
 Vice President of Education and Technical Services

*Aileen Testa*  
 President, CEO

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


**ATSSA** American Traffic Safety Services Association ATSSA.com



## Certifications: Matthew Mire, P.E.



(Gresham Smith)



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Baton Rouge, LA 70809  
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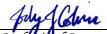


**Mr. Julian Van Bordelon**


License/Certificate Type - Number      Expiration Date  
**PE.0047473**      **09/30/2025**

Status: **Active**

*Certificate of Completion*  
presented to  
*Julian Bordelon*  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 1**

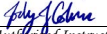


Date: July 1, 2019      Professional Development  
Location: Baton Rouge, Louisiana      Hours (PDHs) Awarded: 2.5


 Authorized Instructor       Authorized Instructor       Authorized instructor

  
LOUISIANA DEPARTMENT OF  
TRANSPORTATION & DEVELOPMENT

*Certificate of Completion*  
presented to  
*Julian Bordelon*  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 2**

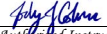


Date: July 1, 2019      Professional Development  
Location: Baton Rouge, Louisiana      Hours (PDHs) Awarded: 3.5


 Authorized Instructor       Authorized Instructor       Authorized instructor

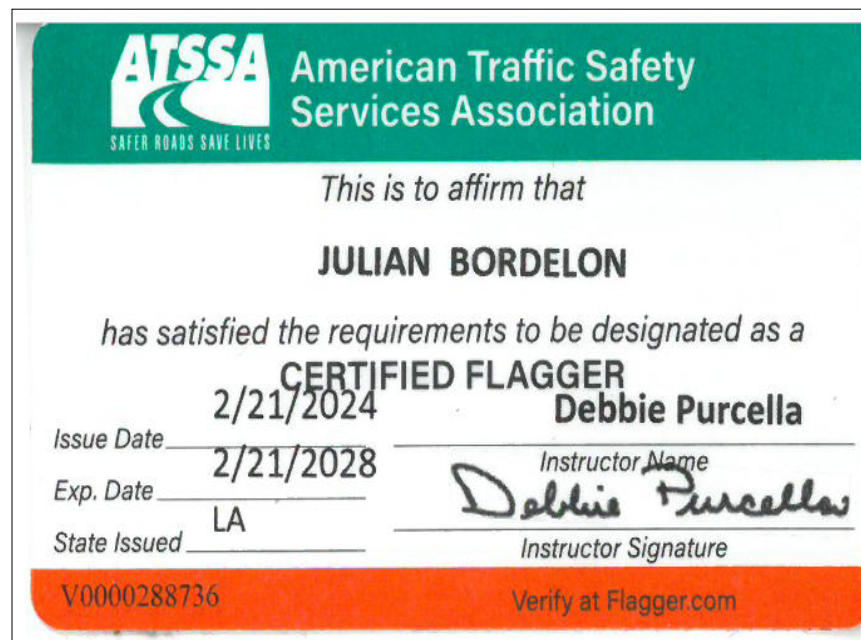
  
LOUISIANA DEPARTMENT OF  
TRANSPORTATION & DEVELOPMENT

*Certificate of Completion*  
presented to  
*Julian Bordelon*  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 3**

Date: July 2, 2019      Professional Development  
Location: Baton Rouge, Louisiana      Hours (PDHs) Awarded: 3.5

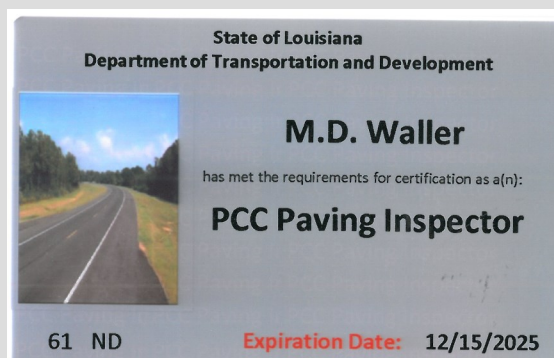
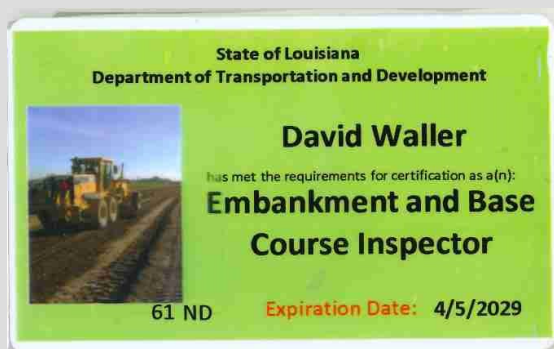
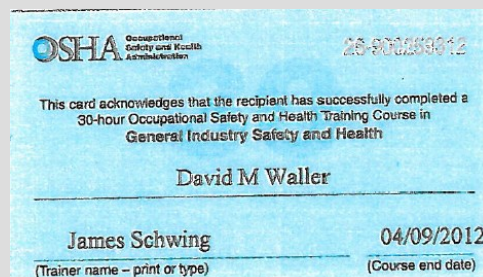
 Authorized Instructor       Authorized Instructor       Authorized instructor

  
LOUISIANA DEPARTMENT OF  
TRANSPORTATION & DEVELOPMENT



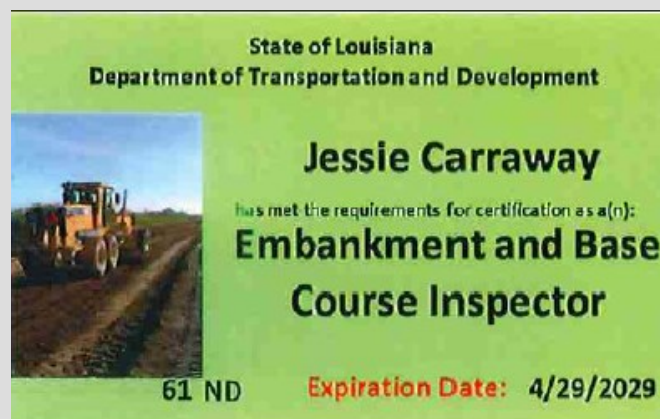
## Certifications:

### M. David Waller





## Certifications: Jessie Carraway

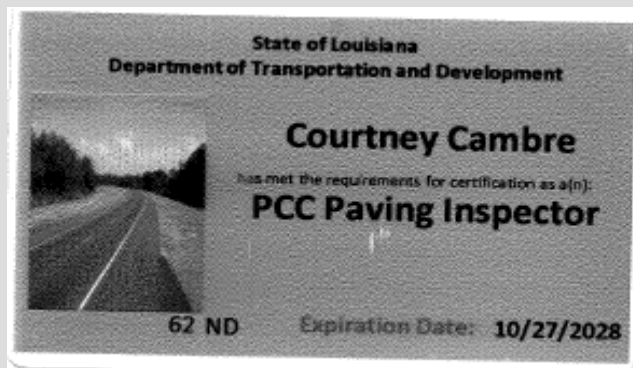
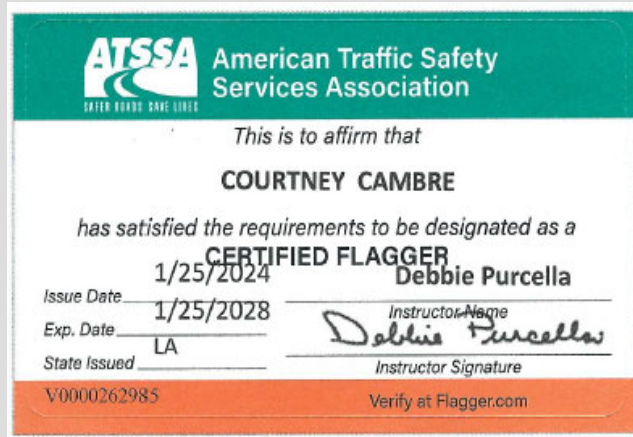




## Certifications: Kim Martinez



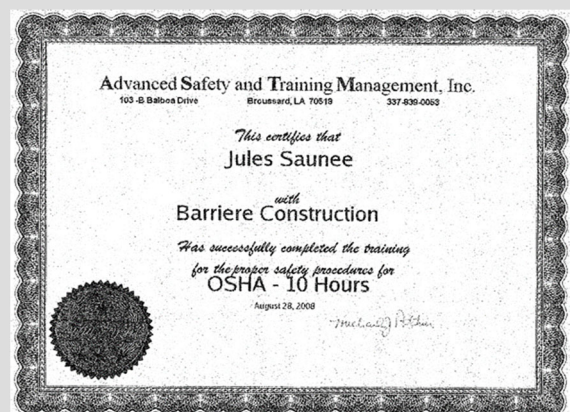
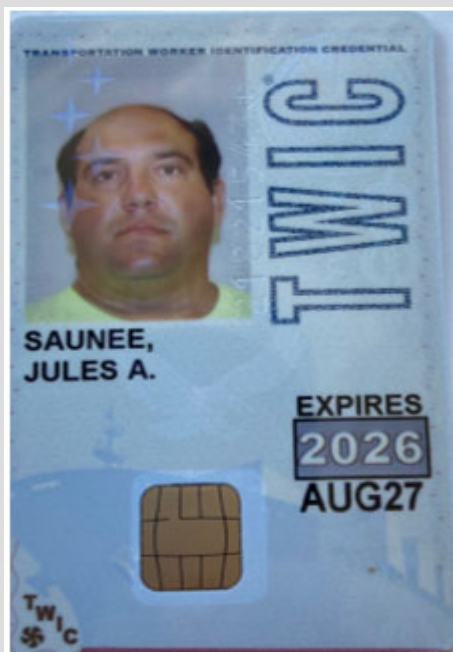
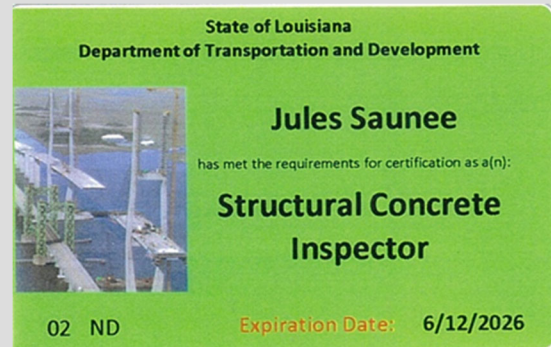
## Certifications: Courtney Cambre



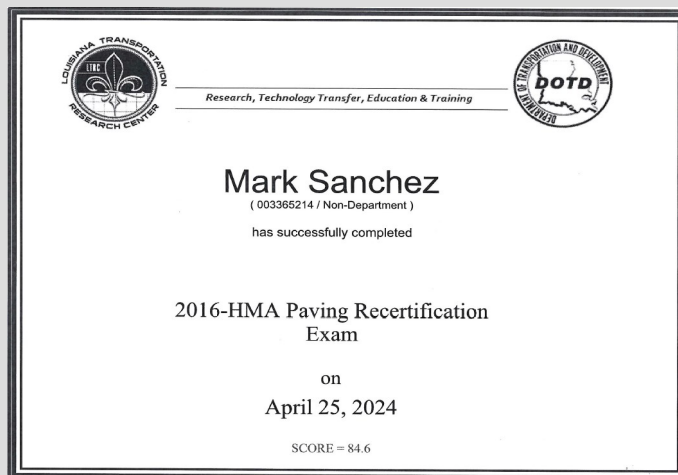
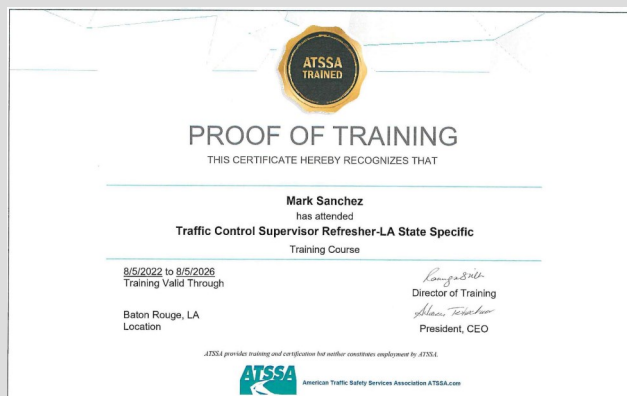
# Volkert



## Certifications: Jules Saunee

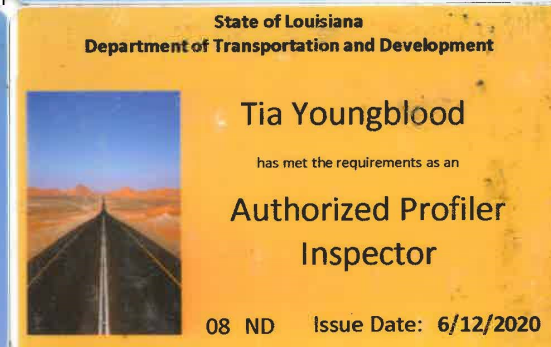
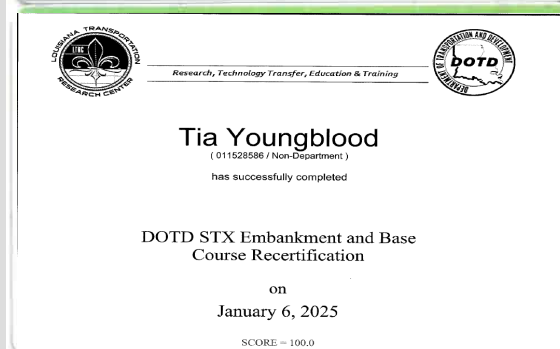
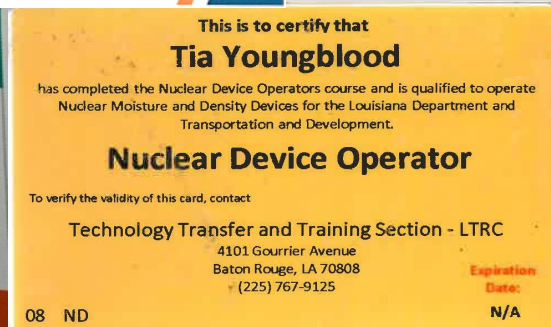
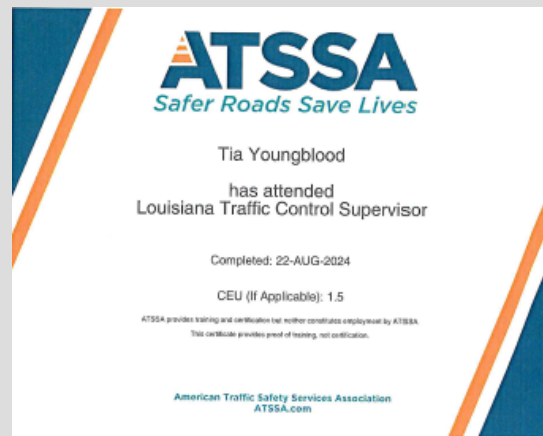


## Certifications: Mark Sanchez



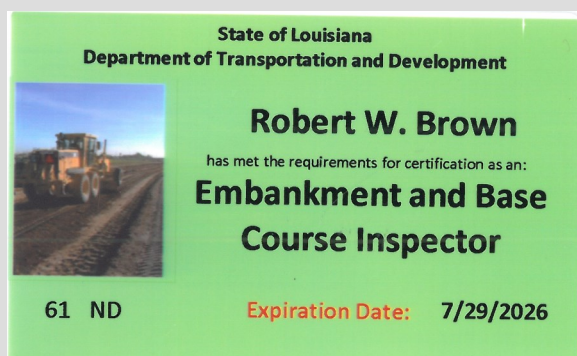
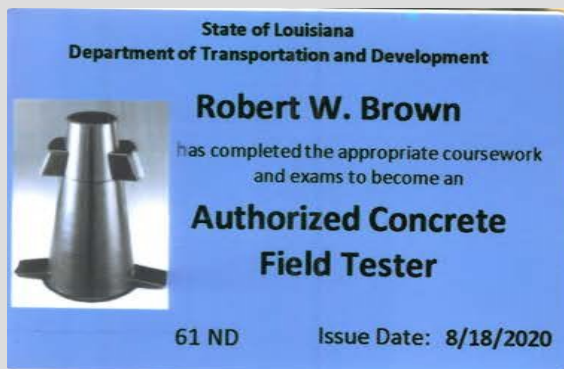
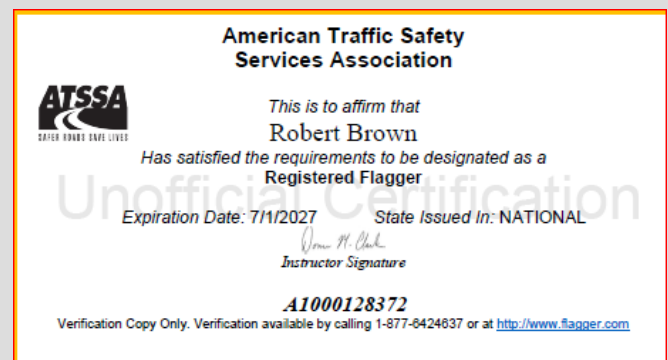
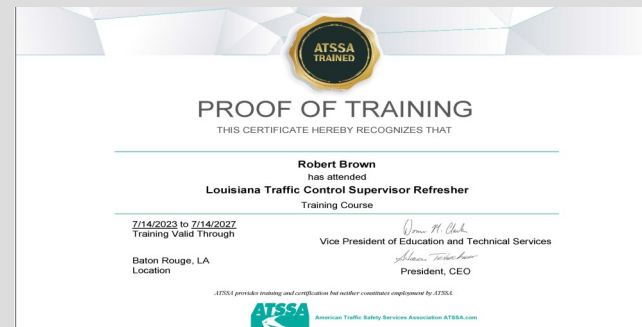


## Certifications: Tia Youngblood

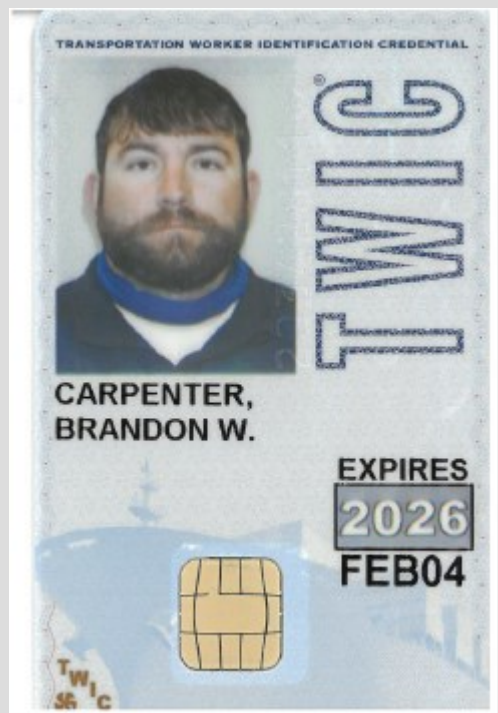




## Certifications: Robert Brown

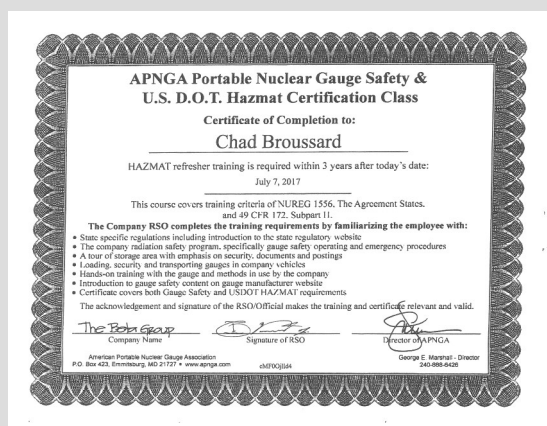


## Certifications: Brandon Carpenter

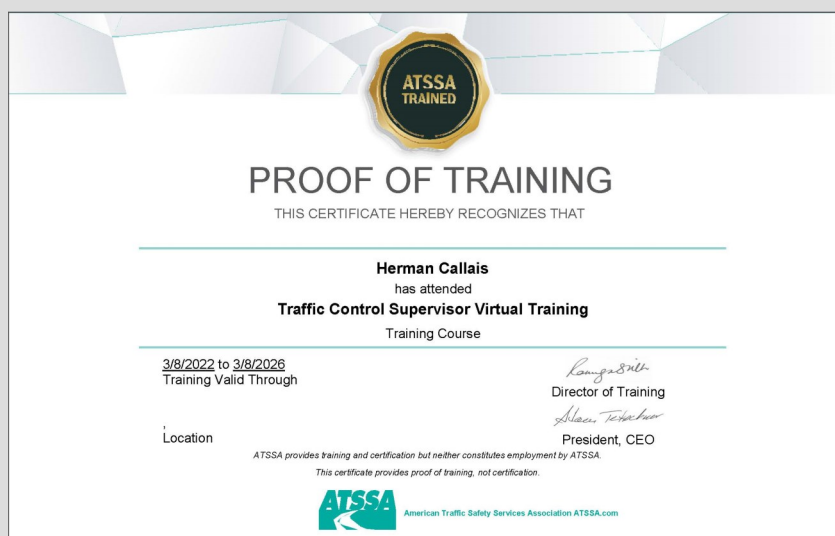
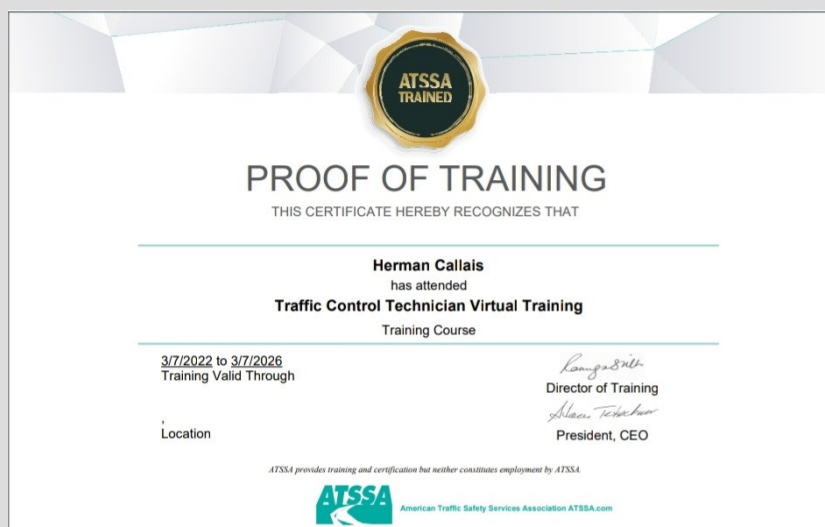


**Volkert**

## Certifications: Chad Broussard

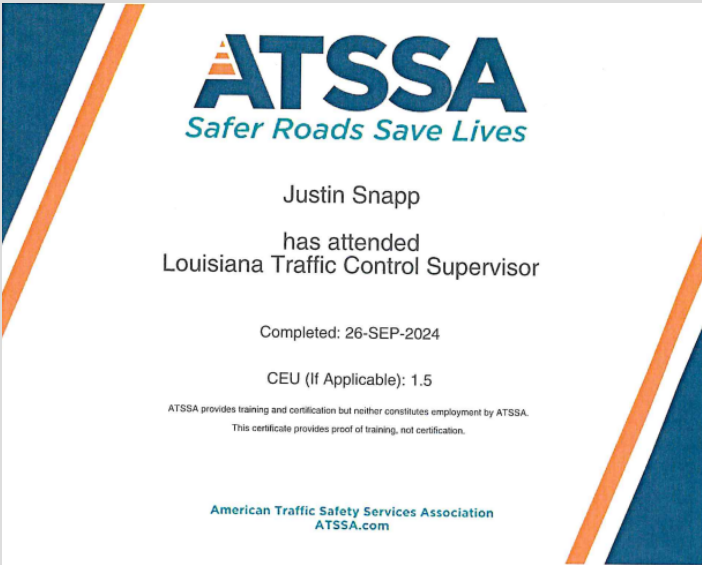


## Certifications: Herman Callais





Certifications:  
Justin Snapp



# Certifications: Emilio Rodriguez



## Small UAS Certificate of Registration

Registered Owner: ECM Consultants, Inc.

UAS Manufacturer: SZ DJI TECHNOLOGY CO. LTD.

UAS Model: MAVIC 2 ZOOM (L1Z)

Serial Number: OM63HCK001Z049

Registration Number: FA3XFCNYP

Issued: 03/26/2021

Expires: 03/26/2027



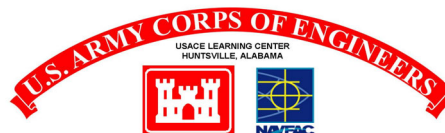
## PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Emilio Rodriguez

has attended  
Traffic Control Supervisor Refresher-LA State Specific  
Training Course8/5/2022 to 8/5/2028  
Training Valid ThroughBaton Rouge, LA  
LocationDirector of Training  
President, CEO

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



## CERTIFICATE

EMILIO RODRIGUEZ

MVN-01-22-00937

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 - MVN     | Leslie Murcio                    |
| Location               | Training Date(s) | Instructional District / NAFAC | CCM-C Manager                    |
| Jaime Wright           |                  | (504) 862-2415                 | WRIGHT, JAMIE LER                |
| Facilitator/Instructor | Email            | Telephone                      | Facilitator/Instructor Signature |

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

Jeffrey D. Dziedzic



(Gresham Smith)



American Wick Drain Corporation  
1209 Airport Road  
Monroe, NC 28110  
PH: 800.242.9425  
FX: 704.296.0690

The individual named below attended the continuing education program as described.

|                  |                             |                 |       |
|------------------|-----------------------------|-----------------|-------|
| Name:            | Daniel Knott                | Registration #: | State |
| Organization:    | Gresham Smith + Partners    |                 |       |
| Address:         | 1000 Perkins Rowe Suite 280 |                 |       |
| City / ST / Zip: | Baton Rouge, LA 70810       |                 |       |
| Course Date:     | 5/15/2018                   |                 |       |

| Title Of Registered Course          | Contact Hours | Provider Name                   | Format  | Content Development Resources |
|-------------------------------------|---------------|---------------------------------|---------|-------------------------------|
| Geocomposite Drains in Civil Design | 1 hour        | American Wick Drain Corporation | Lecture |                               |

| Covers Health, Safety and Welfare | Professional Development | Course Number | Grade Received (if exam used) | Material Resources      |
|-----------------------------------|--------------------------|---------------|-------------------------------|-------------------------|
| Yes                               | 1 hour                   | AWD-007       |                               | PowerPoint Presentation |

**Learning Objectives:**  
The attendee will learn the differences between conventional drainage design with pipe and how its performance compares to designing with geocomposites. The course will cover the history of geocomposites for drainage, the basic principles of drainage design, the installation methods and various drainage applications. Topics discussed will include soil permeability, soil weight and lateral earth pressure and the overall effect drainage has on the design approach. Applications discussed will include landscape area, planting beds, retaining walls, green roofs and sports fields. The appropriate product for each application will be presented for commonly encountered soil types in most geographical areas. Attendees should expect to understand basic drainage principles, and be able to choose and specify a geocomposite drainage design for most common civil design applications.

## Certificate of Completion

Continuing Education & Development, Inc.

Awards this certificate to

**DANIEL KNOTT**

In recognition of successful completion of the continuing education course

**TRAFFIC SIGNAL CONTROLLERS**  
(C02-056)  
2 PDH

PROVIDED BY: JEFFREY W. BUCKHOLZ, PH.D., P.E., PTOE

**ced**  
engineering.com  
FOR THE PROFESSIONAL

FL CEP No. 0004183  
IN CEP No. 2180036  
NJ CEP No. 246700004100  
NYS ED Sponsor No. 22  
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MD Approved Provider

Continuing Education & Development, Inc.  
22 Stonewall Court, Woodcliff Lake, NJ 07677

Tel (877) 322-5800  
www.cedengineering.com | info@cedengineering.com

*Gilbert Gedeon*  
Gilbert Gedeon, P.E.  
President

06/28/2023  
09:14AM EST





# NATIONAL FIRE PROTECTION ASSOCIATION

NFPA 70, National Electrical Code (NEC) (2023)

Online Training Series

CERTIFICATE OF COMPLETION

DANIEL KNOTT



Completion Date: May 18, 2023  
CEUs: 1.0 or 10 hours

President, National Fire Protection Association

IT'S A BIG WORLD. LET'S PROTECT IT TOGETHER.™

# CERTIFICATE OF COMPLETION

## Fiber Optic Design, Installation and Maintenance Course

This is to Certify that

***Daniel Knott***

has completed a four-day seminar on design, installation and maintenance of fiber optic communications systems that consisted of twelve hours of classroom instruction on physical plant, four hours on system design and sixteen hours of hands-on training. Fiber, cable, and patch panel preparation, connectorization of SC and LC connectors, splicing, OTDR and optical loss testing were accomplished in the hands-on labs.



INSTRUCTOR

181103

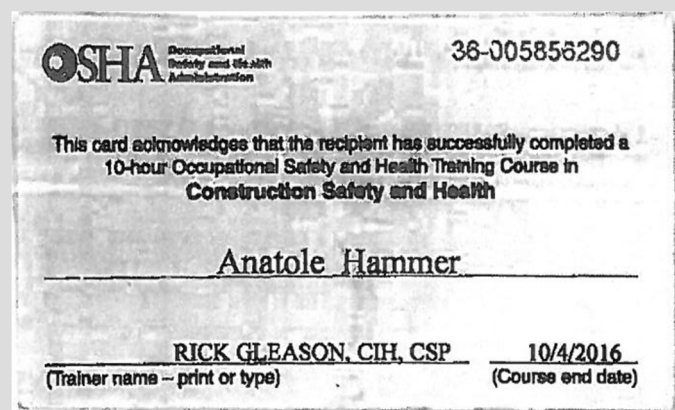
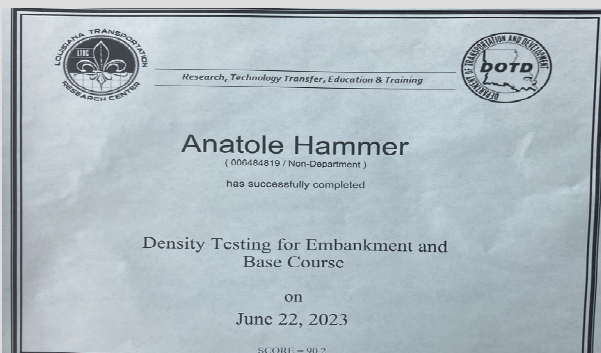
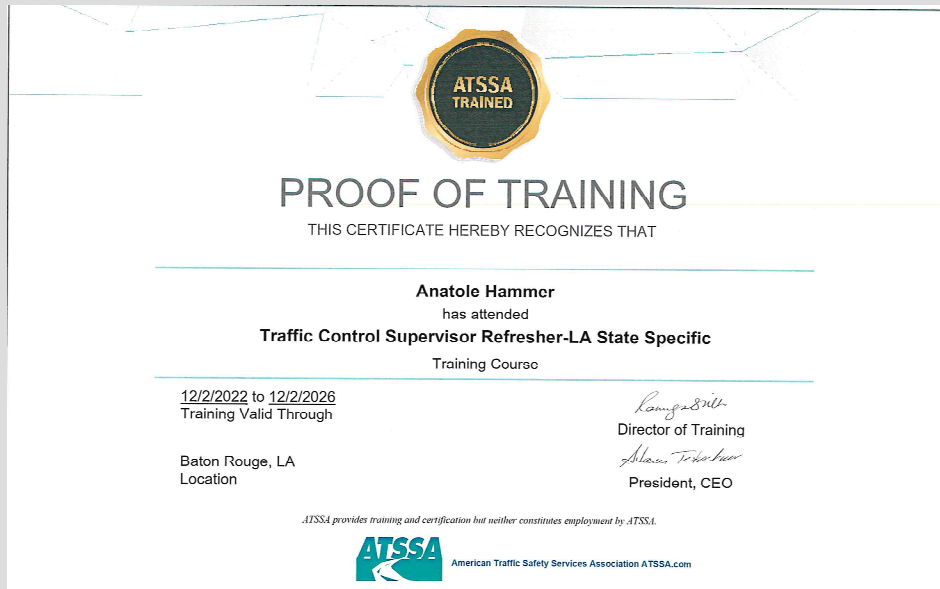
Nov 6-9, 2018

COURSE NUMBER AND COMPLETION DATE

Event Code OV-AFL-WA-0517-2; BICSI ITS CECs: 30

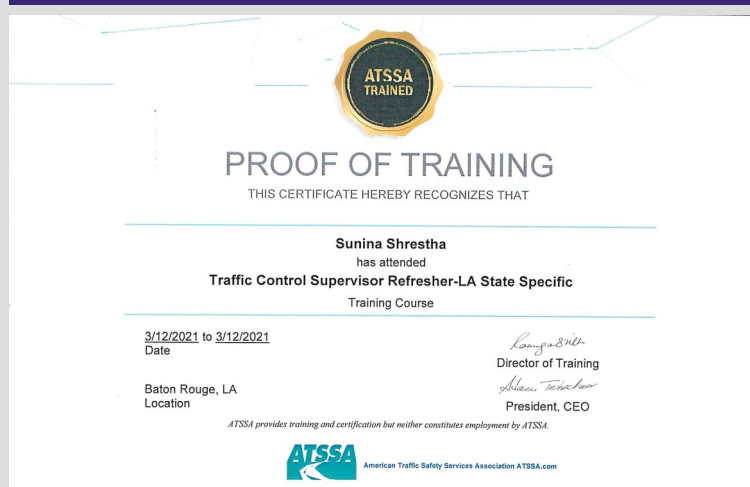


## Certifications: Anatole Hammer



## Certifications:

### Sunina Shrestha, P.E.



Certs: Ken Free, P.E.



Certs: Bill Oliver



American Traffic Safety  
Services Association

*This is to affirm that*

**Bill Oliver**

*has satisfied the requirements to be designated as a*

**CERTIFIED FLAGGER**

Issue Date2/19/2024

Exp. Date2/18/2028

State IssuedLouisiana


ATSSA

Instructor Name

  
Instructor Signature

A1000174462

Verify at [Flagger.com](https://www.Flagger.com)



**ATSSA**  
Safer Roads Save Lives

Bill Oliver


has attended

Louisiana Traffic Control Supervisor

Completed: 22-FEB-2024

CEU (If Applicable): 1.5

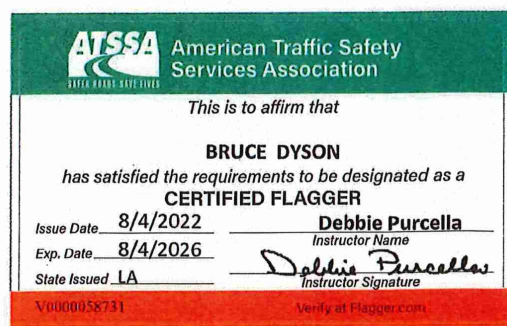
ATSSA provides training and certification but neither constitutes employment by ATSSA.  
This certificate provides proof of training, not certification.



American Traffic Safety Services Association  
ATSSA.com



Certs: Bruce Dyson  
(GOTECH)



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

Name:

ECM Consultants, Inc.

Public Address:

Mr. Ujjal DasGupta  
1301 Clearview

License/Certificate Information w/ Supervision

| License    | Status | First Issuance Date | Expiration Date | Supervisor(s)  |
|------------|--------|---------------------|-----------------|--|
| EF.0002003 | Active | 10/24/1995          | 03/31/2026      | Mr. Kazem Hadjialikhani # PE.0025073 ; Mr. Ujjal DasGupta # PE.0019849 |

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

Name:

Public Address:

Volkert, Inc.

P. O. Box 7434  
Mobile, Alabama 36670 //

**License/Certificate Information w/ Supervision**

| License    | Status | First Issuance<br>Date | Expiration<br>Date | Supervisor(s)  |
|------------|--------|------------------------|--------------------|--|
| EF.0002500 | Active | 03/28/2000             | 09/30/2026         | Mr. Stephen Pence Heraty # PE.0031272 ; Ms. Janet Leigh Evans # PE.0021307 |

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

Name:

Public Address:

Volkert, Inc.

P. O. Box 7434  
Mobile, Alabama 36670 //

**License/Certificate Information w/ Supervision**

| License    | Status | First Issuance Date | Expiration Date | Supervisor(s)                       |
|------------|--------|---------------------|-----------------|-------------------------------------|
| VF.0000869 | Active | 12/13/2021          | 03/31/2026      | Mr. Randy Alan Denmon # PLS.0004798 |



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

Name:

Public Address:

Huval & Associates,  
Inc.

922 West Pont des  
Mouton Road

License/Certificate Information w/ Supervision

| License    | Status | First Issuance<br>Date | Expiration<br>Date | Supervisor(s)   |
|------------|--------|------------------------|--------------------|---|
| EF.0001542 | Active | 05/07/1990             | 09/30/2026         | Mr. David Sanders Huval Sr. # PE.0009931 ; Mr. David Sanders Huval Jr. # PE.0024187 |

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

Name:

Public Address:

Huval &amp; Associates, Inc.

922 West Pont des  
Mouton Road**License/Certificate Information w/ Supervision**

| License    | Status | First Issuance Date | Expiration Date | Supervisor(s)                             |
|------------|--------|---------------------|-----------------|---|
| VF.0000285 | Active | 05/07/1990          | 09/30/2026      | Mr. David Sanders Huval Sr. # PLS.0002015 |

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

Name:

Gresham Smith

Public Address:

Mr. Carl B.  
Munkel222 Second**License/Certificate Information w/ Supervision**

| License    | Status | First Issuance Date | Expiration Date | Supervisor(s)                            |
|------------|--------|---------------------|-----------------|--|
| EF.0003429 | Active | 03/16/2006          | 09/30/2026      | Mr. Herbert Eugene Moore II # PE.0031065 |

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

Name:

Public Address:

GOTECH, Inc.

Mr. Rhaoul  
Guillaume, Sr.

License/Certificate Information w/ Supervision

| License    | Status | First Issuance<br>Date | Expiration<br>Date | Supervisor(s)  |
|------------|--------|------------------------|--------------------|--|
| EF.0000377 | Active | 09/18/1984             | 09/30/2025         | Mr. John K. Hoffman # PE.0019536 ; Mr. James Andrew Walsh # PE.0029340 |



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

Name:

Public Address:

GOTECH, Inc.

Mr. Rhaoul  
Guillaume, Sr.**License/Certificate Information w/ Supervision**

| License    | Status | First Issuance Date | Expiration Date | Supervisor(s)                    |
|------------|--------|---------------------|-----------------|----------------------------------|
| VF.0000230 | Active | 09/18/1984          | 09/30/2025      | Mr. Bruce K. Dyson # PLS.0004670 |

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

|                              |  |
|------------------------------|--|
| Name:                        | Public Address:                          |
| Eustis Engineering<br>L.L.C. | <div>Eustis Engineering<br/>L.L.C.</div> |

**License/Certificate Information w/ Supervision**

| License    | Status | First Issuance<br>Date | Expiration<br>Date | Supervisor(s)   |
|------------|--------|------------------------|--------------------|---|
| EF.0003558 | Active | 09/13/2006             | 03/31/2025         | Mr. Benjamin Mcmillan Cody # PE.0030292 ; Mr.<br>Travis Russell Richards # PE.0030992 |

## **21. QA/QC Plan:**

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

**Not 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

| <b>Firm Name</b><br>(Name must match <u>exactly</u> as registered with Louisiana's Secretary of State (SOS): <u>including punctuation, include screenshot(s) from SOS at the end of Section 20</u> ) | <b>Address</b>  | <b>Point of Contact and email address</b>                                   | <b>Phone Number</b> |
|--|---|---|---------------------|
| <b>Volkert, Inc.</b>   | 9448 Brookline Ave<br>Baton Rouge, LA 70809               | Janet L. Evans, PE, MBA<br>Jan.evans@volkert.com                            | (225) 218-9440      |
| <b>Huval &amp; Associates, Inc.</b>  | 922 West Pont des Mouton Road,<br>Lafayette, LA 70507     | Colby Guidry, PE<br>cguidry@huvalassoc.com                                  | (337) 234-3798      |
| <b>Gresham Smith</b>   | 10000 Perkins Rowe, Suite 280<br>Baton Rouge, LA 70810    | Herbert ""Bert"" Moore, II, PE, PLS,<br>PTOE<br>bert.moore@greshamsmith.com | (225) 757-5849      |
| <b>GOTECH, Inc.</b>  | 8383 Bluebonnet Boulevard<br>Baton Rouge, LA 70810        | Rhaoul A. Guillaume, Sr., P.E.,<br>F. ASCE<br>rhaoul@gotech-inc.com         | (225) 766-5358      |
| <b>Eustis Engineering L.L.C.</b>   | 3011 28 <sup>th</sup> Street<br>Metairie, Louisiana 70002 | Gwendolyn P. Sanders, P.E.<br>gsanders@eustiseng.com                        | (504) 834-0157      |

(Add rows as needed)

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

**23. Location:**

If location is an evaluation criterion for this advertisement (see page 2) and the prime consultant intends to establish a local presence, describe the plan for doing so. **Otherwise, leave this section blank. Any information included in this section will be redacted if not required by the Evaluation Criteria section of the advertisement.**

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



***ECM Consultants, Inc.***

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1301 Clearview Pkwy, Suite 200, Metairie, Louisiana 70001