

Jefferson Parish VINTAGE DR MULTI USE PATH: POWER – WILSON (CE&I)





**Department of
Transportation &
Development**
Attn: Michael Gorbaty
2101 Capitol Access
Road, Room 405-BB
Baton Rouge, LA 70802

Mott MacDonald, LLC
650 Poydras Street
Suite 2550
New Orleans, LA 70130
504.529.7687

mottmac.com

**RE: VINTAGE DR MULTI USE PATH: POWER – WILSON (CE&I)
CONTRACT NO. 4400025702; STATE PROJECT NO. H.013813.6**

December 13, 2022

Dear Michael Gorbaty,

Our team appreciates the opportunity to provide the LADOTD with CE&I services. Our team will be led by Many Heymann, PE located in Mott MacDonald's New Orleans office at 650 Poydras Street. Mr. Heymann is Mott MacDonald's Territory Manager for Louisiana and will serve as our point of contact for the Department. He has successfully worked with the LADOTD for almost two decades, on many significant projects. Mr. Heymann will serve as the team's Project Director. As Project Director, it is Mr. Heymann's responsibility to allocate the necessary resources, set project goals and objectives, keep informed on major project activities, attend key meetings on the project and provide support and direction to the Project Manager, Ms. Elizabeth Guiza, PE. Ms. Guiza also brings years of experience providing engineering and inspection services to south Louisiana municipalities and LADOTD. She and Mr. Heymann will be supported by our highly skilled local staff, in addition to Mott MacDonald's 18,000 global employees. Our team has an excellent performance history and has no record of substandard work nor unethical practices within the last five years and beyond.

Mott MacDonald has the qualifications, experience, and availability to take on this project. In the following statement of qualifications, we present a team of highly qualified engineering and inspection professionals as well as projects that represents our inspection experience.

We will approach this project with a detailed understanding of the Department's goals and objectives, thorough communication with stakeholders, comprehensive planning, and continuous oversight of the contractor during construction.

We trust that you will find our enclosed statement of qualifications compelling and appreciate the opportunity to continue working in partnership with LADOTD. With that, we ask that you select Mott MacDonald to assist you in delivering this most important project.

Respectfully Submitted,

Mott MacDonald, LLC

Katie Parker, PE
Senior Vice President
Kathryn.parker@mottmac.com
+1251-370-3626

Many Heymann, PE
Vice President
Many.heyman@mottmac.com
504.799.0437

1 - 11. Proposal to Provide Consultant Services


DOTD FORM: 24-102

[Revised March 1, 2022]

PROPOSAL TO PROVIDE CONSULTANT SERVICES

Prime consultant shall complete the DOTD Form 24-102 without altering the Form's text; however, the instruction and/or guidance for Sections 12 through 23 can be removed but do not remove Section title and number. ANY CONSULTANT FAILING TO SUBMIT ANY OF THE INFORMATION REQUIRED ON THE DOTD FORM 24-102, OR PROVIDING INACCURATE INFORMATION ON THE DOTD FORM 24-102, MAY BE CONSIDERED NON-RESPONSIVE.

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

1. Contract title as shown in the advertisement	VINTAGE DR MULTI USE PATH: POWER – WILSON (CE&I)
2. Contract number(s) as shown in the advertisement	4400025702
3. State Project Number(s), if shown in the advertisement	H.013813.6
4. Prime consultant name (as registered with the Louisiana Secretary of State where such registration is required by law)	Mott MacDonald, LLC
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	EF: 0003450 LS: 0000593
6. Prime consultant mailing address	650 Poydras Street, Suite 2550 New Orleans, LA 70130
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	650 Poydras Street, Suite 2550 New Orleans, LA 70130
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Many Heymann, PE – Vice President 504.529.7687 / many.heyman@mottmac.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Katie Parker, PE – Senior Vice President 251.343.4366 / kathryn.parker@mottmac.com
10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.	Signature (shall be the same person as #9):  Date: 12/13/2022

11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.

Firm(s):
N/A

Firm(s)' %:
N/A

A large teal graphic on the left side of the page, composed of several overlapping geometric shapes: a large triangle at the bottom left, a rectangle above it, and another triangle to the right of the rectangle, all pointing towards the top right.

12. Past Performance Evaluation Discipline Table

12. Past Performance Evaluation Discipline Table:

As indicated in the advertisement, insert the completed table here. The percentages for the prime and sub-consultants must total 100% for each past performance evaluation discipline, as well as the overall total percent of the contract. The only past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other. The crosswalk from the old categories to the new categories can be found at the link below:

http://www.sp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/General%20Information/CPPR%20Crosswalk%20to%20New%20Evaluation%20Disciplines.pdf.

Sub-consultants are allowed to be used for this proposal. Fill in the table by identifying only those evaluation disciplines consistent with the approach and methodology proposed in Section 18 of the DOTD Form 24-102*, the name of each firm that is part of the proposal, and the percentage of work in each past performance evaluation discipline to be performed by that firm. The percentage estimated for each evaluation discipline is for evaluation purposes only and will not control the actual performance or payment of the work. The percentages for the prime and sub-consultants must total 100% for each past performance evaluation discipline, as well as the overall total percent of the contract. (Add rows and columns as needed)

Evaluation Discipline(s)	% of Overall Contract	Prime	Firm B	Firm C	Firm D	Firm E	Each Discipline must total to 100%
CE&I / OV	100%	Mott MacDonald	N/A	N/A	N/A	N/A	100%
Identify the percentage of work for the <u>overall contract</u> to be performed by the prime consultant and each sub-consultant.							
Percent of Contract	100%						

13. Firm Size

13. Firm Size:

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

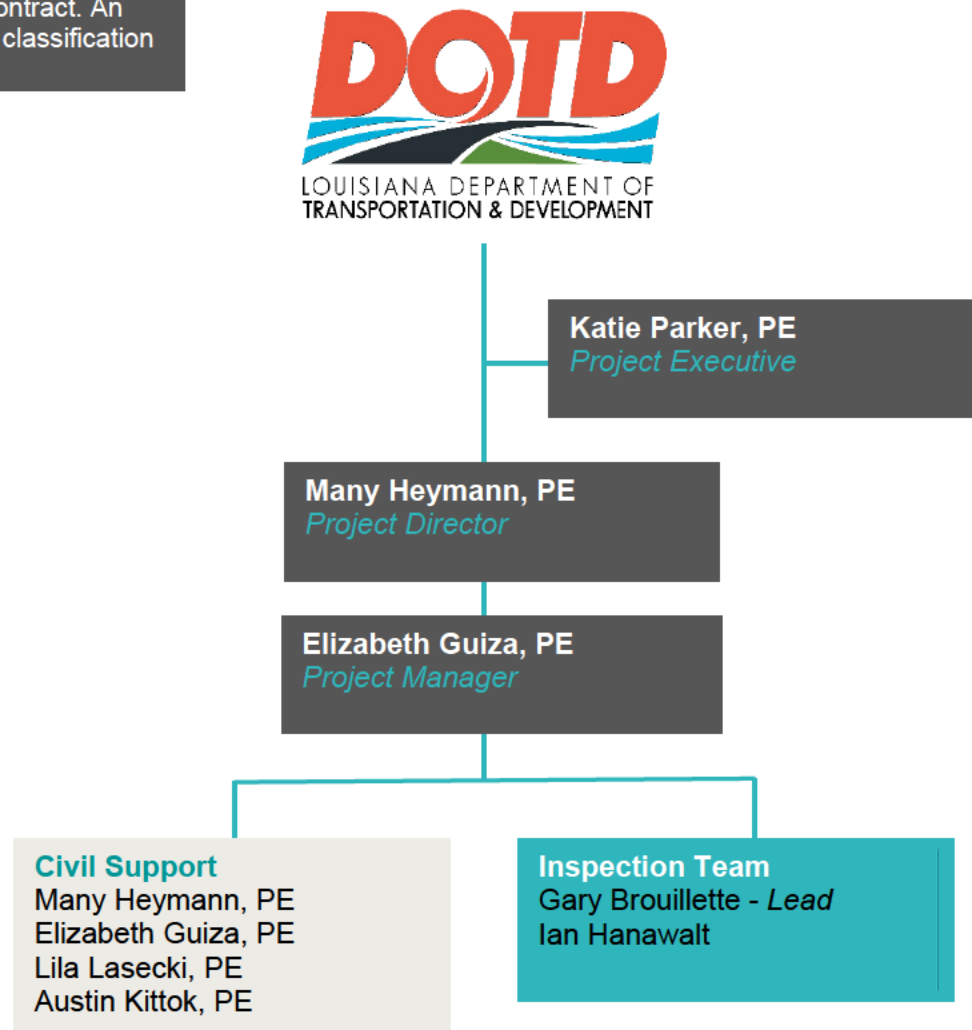
http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descriptions.pdf

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
Mott MacDonald, LLC	Engineer	2	79
	Engineer Intern	0	12
	CADD Operator	0	15
	Inspector - Certified	2	2

14. Organizational Chart

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.



15. Minimum Personnel Requirements

15. Minimum Personnel Requirements:

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

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license / certification & number	State of license	License / certification expiration date
1	Many Heymann	Mott MacDonald	PE #35554	Louisiana	09/30/2024
2	Elizabeth Guiza	Mott MacDonald	PE #39531	Louisiana	09/30/2023
3	Many Heymann	Mott MacDonald	PE #35554	Louisiana	09/30/2024

16. Staff Experience

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: Mott MacDonald

Many Heyman, PE

Project Director

Years of relevant experience with this employer	19
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Years of relevant experience with other employer(s)	0
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Degree(s) / Years / Specialization	BS / 2010 / Chemical Engineering	Year registered	2010
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Active registration number / state / expiration date	35554 / LA / 9.30.2024	Discipline	Civil
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Contract role(s) / brief description of responsibilities: Mr. Heymann will be serving as Project Director for this project.

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).
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04/19 – Ongoing

LADOTD: H.011670 Loyola Interchange OVS, Kenner, Louisiana: Project Manager providing roadway and utility plan reviews for the Design Build project that will widen a portion of I-10 between Loyola Drive and Williams Boulevard, elevated ramps to and from Loyola Drive, and improvements to Loyola Drive to enhance operational conditions and increase the capacity of this interchange accommodating future traffic demand in the area and ingress and egress for airline passenger traffic to the new Louis Armstrong New Orleans International Airport terminal.

02/20 - Ongoing

Belle Chasse Bridge and Tunnel (HBI) Improvements, LDOTD, Belle Chasse, Louisiana: Project Director responsible for providing review of the concessionaires plans for Operation, Maintenance and Decommissioning of the existing Belle Chasse Tunnel. The project provides for the replacement of the Belle Chasse Tunnel and Judge Perez Lift Bridge with a new toll bridge through a Public Private Partnership with the LaDOTD. Mott MacDonald will be providing Construction Engineering and Inspection services on the new construction task of the project.

03/15 – 4/17

Belle Chasse, Harvey, and Houma Tunnel Inspections, LADOTD, Statewide, Louisiana: Civil Team Leader for the inspection of the Belle Chasse Tunnel, Harvey Tunnel, and Houma Tunnel in Louisiana. Responsible for planning and oversight of inspections of the concrete tunnel roadway and approach structures. Inspection procedures and reporting were performed in general accordance with the draft Federal Highways Association Tunnel Operations Maintenance Inspection and Evaluation (TOMIE) Manual and the National Tunnel Inspection Standards (NTIS). Evaluation of inspection findings included developing repair and rehabilitation strategies for the tunnel owner and preparing conceptual cost estimates for the work.

11/18 - Ongoing

Tunnel Inspection Policies and Procedures, LADOTD, Statewide, Louisiana: Project Principal for the development of the Tunnel Inspection Policies and Procedures for the LADOTD to formally establish written standards for the inspection and record keeping of their tunnels, ensuring compliance with the Federal Highway Administration: Tunnel Operations, Maintenance, Inspection, and Evaluation Manual, (FHWA TOMIE).

12/18 - Ongoing

Harvey Tunnel Lighting Replacement, LADOTD, Harvey, Louisiana: Project Principal responsible for the professional design services for the LADOTD to replace the tunnel lighting of the Harvey Tunnel, including a new emergency life safety lighting system, lighting control system and an upgraded tunnel lighting system in accordance with current codes and standards. Design plans include

	the full replacement of luminaires, raceways, wiring, approach portal light poles, electrical panelboards, an uninterruptible power supply (UPS) for emergency lighting and new fire life safety directional signage.
12/18 - Ongoing	Belle Chasse Tunnel Inspection and Repair/Rehabilitation Plan Prep, LADOTD, Statewide, Louisiana: Project Director responsible for the performing a variety of professional design services for the LADOTD to rehabilitate the Harvey Tunnel, including civil, electrical, mechanical, and structural. Design plans include repair of concrete defects, design of leak remediation solutions, upgrades to the tunnel ventilation system, roadway resurfacing, new fire and life safety systems, new HVAC, new drainage system, electrical repair and rehabilitation.
06/16 – 10/16	Emergency Repairs to Riverfront Expressway Tunnel and Canal Street, City of New Orleans, New Orleans, Louisiana: Project Principal responsible for professional engineering design and project management services for the emergency repairs to the tunnel and Canal St. The project was required as a result of the collapse of a portion of lake bound Canal St. between Harrah's Casino and Canal Place. The project scope of work also included resident inspection, contractor coordination, construction management and onsite construction technical support services.
03/17 – 09/20	Bourbon Street Rehabilitation (Phases 1 and 2), New Orleans, LA: Project Principal, providing plan design and review services for the repair of Bourbon Street surface and underground infrastructure from Canal Street to Dumaine Street as part of the City-wide Public Safety Program. Mott MacDonald coordinated and sequenced construction after engaging the City of New Orleans, Department of Public Works, the Sewerage and Water Board of New Orleans, residents, business owners, utilities, and contractors.
03/21 – 04/22	Emergency Repairs to the Riverfront Expressway Tunnel and Canal Street, New Orleans, LA: Project Manager. The City of New Orleans called on Mott MacDonald to assist with the emergency assessment of a water leak and of a tunnel located in downtown New Orleans. In April 2016, a portion of Canal Street collapsed into a void that had developed behind the failed end wall of the old Riverfront Expressway Tunnel underneath the roadway. Mott MacDonald was retained as a consultant to perform emergency design, engineering, and construction management.
02/18 – 08/22	RR069 Lake Terrace and Oaks Group A (PCI), New Orleans, LA: Project Manager for the design and surveying services for FEMA-eligible street repairs in the Lake Terrace and Lake Oaks neighborhoods. Mott MacDonald conducted detailed field surveys to identify locations and extents of damage that has occurred as a result of natural disasters. Mott MacDonald is responsible for providing data regarding features to be reconstructed in order to obtain FEMA funds. The project scope of work includes conducting topographic and boundary surveys, developing preliminary design plans, final plans and specifications, and bid documents reconstruction of damaged roadways, curbs, utilities, and driveways. Mott MacDonald is responsible for coordinating with utility owners and providing construction administration services.
05/17 – 08/20	RR072 - Lake Terrace and Oaks Group D (FRC), New Orleans, LA: Project Manager for the for the design and surveying services for FEMA-eligible street repairs in the Lake Oaks neighborhood. The project scope of work includes conducting topographic and boundary surveys, developing preliminary design plans, final plans and specifications, and bid documents for the full reconstruction of all subsurface utilities located on Oriole Street, Killdeer Street, and Jay Street.
Mr. Heymann is responsible for the design of roadway projects, drainage projects, water distribution projects, sewer system projects, and environmental projects. His experience includes the development of cost estimates, quantity calculations, drainage design, geometric design, erosion control, maintenance-of-traffic, grading plans, preparation of construction documents, and construction management.	
Certifications: LA, Traffic Control Technician, LA, Traffic Control Supervisor 2022, NHI, Access Management, Location and Design, LADOTD, LPA CE&I Training, LADOTD, LPA Core Training, and Nationally Certified Tunnel Inspector, and FHWA	



Firm employed by: Mott MacDonald

Elizabeth Guiza, PE

Project Manager

Years of relevant experience with this employer	12
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Years of relevant experience with other employer(s)	0
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Degree(s) / Years / Specialization	BS / 2010 / Civil Engineering	Year registered	2015
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Active registration number / state / expiration date	39531 / LA / 9.30.2023	Discipline	Civil
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Contract role(s) / brief description of responsibilities: Ms. Guiza will be serving as Project Manager for this project.

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).
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04/19 – Ongoing

LADOTD: H.011670 Loyola Interchange OVS, Kenner, Louisiana: Project Engineer providing roadway and utility plan reviews for the Design Build project that will widen a portion of I-10 between Loyola Drive and Williams Boulevard, elevated ramps to and from Loyola Drive, and improvements to Loyola Drive to enhance operational conditions and increase the capacity of this interchange accommodating future traffic demand in the area and ingress and egress for airline passenger traffic to the new Louis Armstrong New Orleans International Airport terminal.

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03/15 – 4/17

Belle Chasse, Harvey, and Houma Tunnel Inspections, LADOTD, Statewide, Louisiana: Project Engineer, responsible that the tunnel assessment, existing drawings and current repairs were interpreted and examined to understand the full condition of the tunnels. Inspection activities included assessing the tunnel walls, ceilings, air ducts, walkways, hatches, air ducts, manways, niches and passage doors for defects, leaks, cracks, spalls, and delamination. Also, responsible for developing the inspection report and compiling all the deficiencies recorded during the site investigation. The inspection report also consisted of classifying and developing routine, priority, and critical repairs.

12/18 – 3/18

Belle Chasse Tunnel Inspection and Repair/Rehabilitation Plan Prep, LADOTD, Statewide, Louisiana: Project Engineer for the repair/rehabilitation plan preparation for the Belle Chasse Tunnels. This tunnel was originally constructed in the late 1950's. Mott MacDonald performed a visual inspection of the structural, geotechnical, mechanical, and electrical components of the tunnel. Additionally, Mott MacDonald was responsible for non-destructive testing of the structural and geotechnical components, evaluating the defects during testing, as well as preparing plans and specifications for the tunnel repair and rehabilitation.

12/18 - Ongoing

Harvey Tunnel Lighting Replacement, LADOTD, Harvey, Louisiana: Project Manager responsible for the professional design services for the LADOTD to replace the tunnel lighting of the Harvey Tunnel, including a new emergency life safety lighting system, lighting control system and an upgraded tunnel lighting system in accordance with current codes and standards. Design plans include the full replacement of luminaires, raceways, wiring, approach portal light poles, electrical panelboards, an uninterruptible power supply (UPS) for emergency lighting and new fire life safety directional signage.

12/18 - Ongoing

Harvey Rehabilitation Plan Preparation, LADOTD, Harvey, Louisiana: Project Manager responsible for the performing a variety of professional design services for the LADOTD to rehabilitate the Harvey Tunnel, including civil, electrical, mechanical, and structural. Design plans include repair of concrete defects, design of leak remediation solutions, upgrades to the tunnel ventilation system, roadway resurfacing, new fire and life safety systems, new HVAC, new drainage system, electrical repair and rehabilitation.

11/18 - Ongoing

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03/21 – 04/22	Emergency Repairs to the Riverfront Expressway Tunnel and Canal Street, New Orleans, LA: Project Engineer. The City of New Orleans called on Mott MacDonald to assist with the emergency assessment of a water leak and of a tunnel located in downtown New Orleans. In April 2016, a portion of Canal Street collapsed into a void that had developed behind the failed end wall of the old Riverfront Expressway Tunnel underneath the roadway. Mott MacDonald was retained as a consultant to perform emergency design, engineering, and construction management.
02/18 – 08/22	RR069 Lake Terrace and Oaks Group A (PCI), New Orleans, LA: Project Engineer for the design and surveying services for FEMA-eligible street repairs in the Lake Terrace and Lake Oaks neighborhoods. Mott MacDonald conducted detailed field surveys to identify locations and extents of damage that has occurred as a result of natural disasters. Mott MacDonald is responsible for providing data regarding features to be reconstructed in order to obtain FEMA funds. The project scope of work includes conducting topographic and boundary surveys, developing preliminary design plans, final plans and specifications, and bid documents reconstruction of damaged roadways, curbs, utilities, and driveways. Mott MacDonald is responsible for coordinating with utility owners and providing construction administration services.
05/17 – 08/20	RR072 - Lake Terrace and Oaks Group D (FRC), New Orleans, LA: Project Engineer for the for the design and surveying services for FEMA-eligible street repairs in the Lake Oaks neighborhood. The project scope of work includes conducting topographic and boundary surveys, developing preliminary design plans, final plans and specifications, and bid documents for the full reconstruction of all subsurface utilities located on Oriole Street, Killdeer Street, and Jay Street.

Ms. Guiza provides engineering support for a range of projects including civil/site developments, tunnel design and management, gravity stormwater systems, water systems, sewer systems, and roadway construction. Ms. Guiza is experienced in the development of cost estimates, quantity calculations, drainage design, detention pond design, stormwater management plans, geometric design, erosion control, canal bank stabilization, maintenance-of-traffic, preparation of specifications, and construction management.

Certifications: LA, Traffic Control Technician, LA, Traffic Control Supervisor, 2022, NHI, Access Management, Location and Design, 2014, LADOTD, LPA CE&I Training, 2013, LADOTD, LPA Core Training, 2012, and Nationally Certified Tunnel Inspector, FHWA, 2019



Firm employed by: Mott MacDonald

Gary Brouillette

Lead Certified Inspector

Years of relevant experience with this employer	5
Years of relevant experience with other employer(s)	10
Year registered	N/A
Discipline	N/A

Degree(s) / Years / Specialization

N/A

Active registration number / state / expiration date

N/A

Contract role(s) / brief description of responsibilities: Mr. Brouillette will be serving as Lead Certified Inspector for this project.

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).
04/22 – Ongoing	LADOTD: H.011670 Loyola Interchange OVS, Kenner, Louisiana: OV Construction Inspector. Provided Owner Verification (OV) inspection services for the phases of construction for two flyover access ramps from I-10 to the New Orleans International Airport. Construction inspection of ground elements included concrete barrier rail footings, pier protection footings, barrier rail, median barrier rail, pier protection barrier rail, sign truss footings, noise barrier wall, and curb and gutter. Construction inspection of superstructure elements included steel tub girder spans, LU-48 concrete tub girder spans, LG-36 concrete girderspans, slab spans, approach slabs, light pole supports, bridge barrier rail, bridge median barrier rail, expansion joints to include strip seal, finger joints, and sealed joints. Inspected all phases of bridge deck construction from the steel reinforcement installation to the placement of concrete. This project had an estimated cost of \$125 million dollars.
03/21 – 04/22	City of New Orleans DPW: RR3 – Lake Terrace & Oaks Group D No. 2017 – RR072, New Orleans, Louisiana: Resident Inspector. Provided field oversight of the installation of new sewer system, drainage system, water main replacement, manhole rehabilitation, new manhole and catch basin structures, new PCCP roadway construction to include base and subbase materials, sidewalk and driveway removal/replacement. Review contractor’s quantities for monthly pay estimates. This project had an estimated cost of \$7 million dollars.
09/20 – 08/20	Port of New Orleans: Harmony St. Wharf Annex Substructure Repairs, New Orleans, Louisiana: Resident Inspector. Provided field oversight of all construction related activities as the pertain to the contract to include column and pedestal grout encasements, structural metalwork, welding, concrete deck repairs, steel angle bracing, gusset plates and extensions removal/replacement, concrete spall repairs, concrete pilaster repair/reinforcement, and steel beam repair/replacement. This project had an estimated cost of \$1.7 million dollars.
06/20 – 08/20	City of New Orleans DPW: RR3 – Lake Terrace & Oaks Group D No. 2017 – RR072, New Orleans, Louisiana: Resident Inspector. Provided field oversight of all construction related activities to include removal of existing PCCP and the installation of new sewer main.
06/18 – 04/20	Jefferson Parish DPW: Bonabel Canal Improvements No. 50-00121583, Metairie, Louisiana: Resident Project Representative. Provided field oversight of all construction related activities as they pertain to the contract to include the installation of a 3000 linear foot steel sheet pile wall, embankment and base course installation, slope paving, concrete curb wall, drainage pipe extensions, and 6’ chain link fence. Reviewed monthly quantities for pay estimates with contractor and Project Engineer. Scheduled Progress Meetings and field site meetings. Formulated Punchlist for Final Inspection and acceptance of project. This project had an estimated cost of \$4.2 million dollars.
10/19 – 11/19 & 08/20 – 10/20	Port of New Orleans: Canal St. Wharf Substructure Repairs Phase III, New Orleans, Louisiana: Resident Inspector. Provided field oversight of all construction related items as they pertain to the contract to include the replacement and repairs of timber sub-structures supporting the Canal St. Wharf. Inspected the Contractor’s work crews make various repairs to timber pile caps, timber pile horse-legs, timber braces, and timber stringers. This project had an estimated cost of \$450,000 dollars.

Prime consultant name: Mott MacDonald, LLC

MOTT
MACDONALD M M

04/17 – 03/18	LADOTD: H.009028 Airline Park Blvd., Metairie, Louisiana: Resident Project Representative. Provided field oversight of all construction related items as they pertain to the contract to include PCC Pavement, removal of PCC Pavement, Class II Base Course installation, various size RCP/RCPA installation, new drainage pump station structure, roadway structures to include manholes, catch basins, conflict boxes, and sewer service/water main relocations. Attended Pre-Construction Conference, weekly Progress Meetings, and field site meetings. This project had an estimated cost of \$6.2 million dollars.
11/15 – 05/16	LADOTD: H.011759 P2P Gretna, Louisiana: Senior Inspector/Lead Inspector. Provided field oversight of all construction related items as they pertain to the contract to include PCC pavement Rehabilitation, asphalt patching, cold planing, asphalt paving, ADA handicapped ramp construction. This project required the complete restoration of Old Behrman Hwy. Coordinated phases of construction with the contractor. Attended Pre-Construction Conference, weekly Progress Meetings, and field site meetings. Formulated Punchlist for Final Inspection and Acceptance of project. Assisted in “2059” project closeout. This project had an estimated cost of \$5.7 million dollars.
08/15 – 11/15	City of New Orleans DPW: 2012-FEMA-5G-3 St. Claude Pavement Only, New Orleans, Louisiana: Senior Inspector. Provided field oversight of all construction related items as they pertain to the contract to include PCC pavement, asphalt paving, embankment/base course, cold planing, asphalt paving, ADA handicapped ramp construction. Full depth roadway re-habilitation on (60) blocks within the project to include the removal/disposal of existing roadway and the installation of geotextile fabric, geogrid, and base course as required. Coordinated phases of construction with the contractor. This project had an estimated cost of \$5.5 million dollars.
01/15 – 07/15	LADOTD: H.011246 P2P Gretna, Louisiana: Senior Inspector/Lead Inspector. Provided field oversight of all construction related items as they pertain to the contract to include PCC pavement rehabilitation, embankment/base course, asphalt patching, cold planning, asphalt paving, ADA handicapped ramp construction, curb construction, sidewalk and driveway construction, roadway structure adjustments, permanent striping, and other various related work. Attended Pre-Construction Conference, weekly Progress Meetings, and field site meetings. Formulated Punchlist for Final Inspection and Acceptance of project. Supervised and assigned work assignments to inspectors assigned to the project. Assisted in “2059” project closeout. This project had two roadway segments totaling 2.7 miles and had an estimated cost of \$3.4 million dollars.
08/14 – 11/14	LADOTD: H.010736 P2P Gretna, Louisiana: Senior Inspector/Lead Inspector. Provided field oversight of all construction related items as they pertain to the contract to include PCC pavement rehabilitation, embankment/base course, ADA handicapped ramp construction, curb construction, sidewalk and driveway construction, roadway structure adjustments, permanent striping, and other various related work. Attended Pre-Construction Conference, weekly Progress Meetings, and field site meetings. Formulated Punchlist for Final Inspection and Acceptance of project. Supervised and assigned work assignments to inspectors assigned to the project. Assisted in “2059” project closeout. This project had two roadway segments totaling 1.377 miles and had an estimated cost of \$2.1 million dollars.

Gary Brouillette is a Quality Assurance Inspector in heavy civil construction with fourteen years of field experience. Provided quality assurance acceptance testing and oversight in the sampling/testing of project related construction materials. His experience includes the inspection of various phases of substructure and superstructure new bridge construction, embankment/base course, PCC pavement, structural concrete, asphalt paving, asphalt plant inspection, bridge demolition, pump station structures, levee structures, drainage and sewer structures, subsurface utilities repairs and replacements, roadway restoration to include asphalt mill/overlays, asphaltic concrete and PCCP roadway patching, canal embankment restoration, slope paving, wooden timber and concrete/steel substructure and superstructure wharf repairs, structural steel repairs and replacements, and pre-stressed/pre-casted concrete bridge members. His experience also includes approximately eleven years of performing the daily tasks of a Senior Inspector/Resident Inspector and hold both state and national certifications in his field. He has extensive and comprehensive knowledge of the LaDOTD Standard Specifications for Roads and Bridges. His project experience also includes the use of LaDOTD Site Manager and HeadLight for inspection documentation and has experience in the LaDOTD “2059” project closeout process.

Certifications: LADOTD Embankment and Base Course Inspector, LADOTD Structural Concrete Inspector, LADOTD Asphalt Paving Inspector/Technician LADOTD PCC Paving Inspector, ATSSA Traffic Control Supervisor, ATSSA Traffic Control Technician, ATSSA Registered Flagger, and 10 Hour Occupational Health and Safety Training Course



Firm employed by: Mott MacDonald

Ian Hanawalt
Certified Inspector

Years of relevant experience with this employer	3
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Years of relevant experience with other employer(s)	0
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Degree(s) / Years / Specialization	N/A	Year registered	N/A
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Active registration number / state / expiration date	N/A	Discipline	N/A
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Contract role(s) / brief description of responsibilities: Mr. Hanawalt will be serving as a Certified Inspector for this project

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).
04/22 - Ongoing	LADOTD: H.004791 LA23 Belle Chasse Bridge and Tunnel, OVS, Belle Chasse, Louisiana: OV Construction Inspector. Provided Owner Verification (OV) inspection services for the phases of construction for new bridge being constructed over Intracoastal Waterway in Belle Chasse, Louisiana. Construction inspection included concrete columns and footings, bent piles, risers, sheer keys, girder placement, curb and gutter, asphalt roadway, base course, non-plastic embankment, traffic control and storm water pollution prevention. This project had an estimated cost of \$175 million dollars.
03/21 – 04/22	Lake Terrace and Oaks (Group D), City of New Orleans, New Orleans, LA: Resident Inspector, inspected payable work items to ensure they aligned with project specifications. Reviews monthly quantities for pay estimates with Contractor and Project Engineer. Notified the contractor and Project Engineer when work observed onsite violated project specifications. Coordinated with the City of New Orleans Department of Public works and Sewerage & Water Board when staff was required onsite. Completed daily reports documenting all work completed onsite.
02/19 – 09/22	Conti Street Reconstruction, City of New Orleans, New Orleans, LA: Resident Inspector, inspected payable work items to ensure they aligned with project specifications. Reviews monthly quantities for pay estimates with Contractor and Project Engineer. Notified the contractor and Project Engineer when work observed onsite violated project specifications. Coordinated with the City of New Orleans Department of Public works and Sewerage & Water Board when staff was required onsite. Completed daily reports documenting all work completed onsite.
02/21 – 02/22	Old Spanish Trail (Nottingham Dr. to Sherwood Dr.), City of New Orleans, New Orleans, LA: Resident Inspector, inspected payable work items to ensure they aligned with project specifications. Reviews monthly quantities for pay estimates with Contractor and Project Engineer. Notified the contractor and Project Engineer when work observed onsite violated project specifications. Coordinated with the City of New Orleans Department of Public works and Sewerage & Water Board when staff was required onsite. Completed daily reports documenting all work completed onsite. Civil Drafter, assisted in project design submittals by assembly construction cost estimates, project specifications, and adjusting design plans to incorporate client remarks.
09/20 – 08/20	Port of New Orleans: Harmony St. Wharf Annex Substructure Repairs, New Orleans, LA: Resident Inspector, inspected payable work items to ensure they aligned with the project specifications. Notified the Contractor and Project Engineer when work observed onsite violated project specifications. Reviewed monthly quantities for pay estimates with Contractor and Project Engineer. Completed daily reports documenting all work completed onsite.
09/19 – 11/20	Port of New Orleans: Canal St. Wharf Substructure Repairs Phase III, New Orleans, LA: Resident Inspector, inspected payable work items to ensure they aligned with the project specifications. Reviewed monthly quantities for pay estimates with Contractor and Project Engineer. Notified the Contractor and Project Engineer when work observed onsite violated project specifications. Completed daily reports documenting all work completed onsite.

5/18 – 9/19

Jefferson Parish DPW: Bonnabel Canal Improvements No. 50-00121583, Metairie, LA: Resident Inspector, inspected payable work items to ensure they aligned with the project specifications. Reviewed monthly quantities for pay estimates with Contractor and Project Engineer. Notified the Contractor and Project Engineer when work observed onsite violated project specifications. Coordinated with Jefferson Parish when staff was required onsite. Completed daily reports documenting all work completed onsite.

Mr. Hanawalt is a Quality Assurance Construction Inspector and Civil Drafter. Mr. Hanawalt has provided quality assurance oversight in the sampling and testing of various construction materials and the inspection of embankment/base course, PCC pavement, drainage and sewer structures, subsurface utilities repairs and replacements and structural concrete. Mr. Hanawalt has experience in the drafting of preliminary, issued for bid, issued for construction, and as-built plans. He is also experienced in the development of cost estimates, quantity calculations, plan changes, temporary traffic control plans, and preparation of specifications. He is certified as both an ATSSA Traffic Control Technician and ATSSA Registered Flagger. He has obtained his certification in Asphaltic Concrete Paving with a specialty in Embankment and Base Course from LADOTD. He is currently enrolled or planning to enroll in multiple other LADOTD technical certification courses for the following areas: PCC Paving, PCC Technician, and Structural Concrete.

Certifications: LADOTD Asphaltic Pavement, LADOTD Embankment and Base Course Specialty, ATSSA Traffic Control Technician, and ATSSA Registered Flagger



Firm employed by: Mott MacDonald

Katie Parker, PE

Project Executive

Years of relevant experience with this employer	18
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Years of relevant experience with other employer(s)	5
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Degree(s) / Years / Specialization	BS / 2002 / Civil Engineering	Year registered	2007
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Active registration number / state / expiration date	40629 / LA / 9.30.2024	Discipline	Civil
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Contract role(s) / brief description of responsibilities: Mr. Heymann will be serving as Project Director for this project.

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).
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10/15 – 10/19

I-10 Mobile River Bridge and Bayway Widening, ALDOT, Mobile and Baldwin County, AL: Project Executive. Roadway and Bridge Design Lead, including I-10 Wallace Tunnel approaches (curbing and retaining walls) and pavement rehabilitation. Led by the Alabama Department of Transportation The I-10 Mobile River Bridge and Bayway project would have increased the capacity of I-10 by constructing a new six-lane bridge across the Mobile River and building a new eight-lane Bayway. The project included project alignment and improvements to the Wallace Tunnel approaches, tunnel pavement rehabilitation, bridge aesthetics, vibration analysis to historic structures, pedestrian access to the bridge, determination of logical termini on the eastern approach to the bridge, and storm surge modeling and analysis. Being both the first tolled project and P3 project undertaken by ALDOT, the agency lacked the internal expertise to develop and manage the project as a P3. Mott MacDonald provided advisory services to ALDOT for the management and design of the project. Ms. Parker was responsible for providing the following services on behalf of ALDOT: oversight of project development and preliminary planning,

01/13 - 01/16

Airbus Final Assembly Line (FAL)-USA Program Management, Mobile, AL: Project Executive. The overall project consists of Program Management Services for the construction of Airbus's first FAL in the US. Assisted the Prime with management of the CMAR program. Responsible for the design of the Enabling Works Phase which included mass grading, site erosion control and installation of permanent drainage structures as bypass systems and the permanent outfall system into Mobile Bay. Managed the Design Consultant for the infrastructure, pavements and utilities design, reviewing design plans and drawings prepared by design consultants, and coordinating with agencies to obtain necessary permits. Ms. Parker was also responsible for coordinating all permitting for the project including those required from the FAA, City of Mobile, ADEM, and USACE.

08/18 - Ongoing

Airbus FAL USA A320 Expansion and A220 FAL, Mobile, AL: Project Executive. An expansion of the existing FAL USA is required for increasing rate of production at the Mobile, AL facility; further, the FAL USA facility will assemble Bombardier's C-Class aircraft in the new CFAL facility. Mott MacDonald is responsible for design management and procurement support for this multi-phased DB program for Airbus. Scope includes master planning and the development of bridging documents for all project phases which will be used for DB pricing and procurement. Ms. Parker is responsible for coordinating all permitting for the project including those required from the FAA, City of Mobile, ADEM, and USACE.

02/17 - 03/18

Transportation Investment Generating Economic Recovery (TIGER) Grant, Mobile, AL: Acting as the Owner's Representative, Ms. Parker developed and implemented a cohesive Project Management Plan, communication plan, and public involvement initiative. This plan was developed then transferred to the City who maintained the plan through the design phase of the program. The construction phase is on-going.

Ms. Parker has been a Civil Engineer since 2002 and is responsible for the project management, project design and construction over-site of roadway/highway projects and civil site design projects. Ms. Parker's experience includes the development of cost estimates, quantity calculations, drainage design, geometric design, erosion control, maintenance-of-traffic, grading plans, preparation of construction documents, traffic analysis, and construction management. Ms. Parker oversees the offices throughout Alabama, Mississippi, and Louisiana. She is an excellent facilitator and liaison for projects that require the input from multiple entities. Her organization and communication tact allows for detailed management practices.



Firm employed by: Mott MacDonald

Lila Lasecki, PE

Project Engineer

Years of relevant experience with this employer

7

Years of relevant experience with other employer(s)

0

Degree(s) / Years / Specialization

BS / 2015 / Civil Engineering

Year registered

2019

Active registration number / state / expiration date

44145 / LA / 3.31.2024

Discipline

Civil

Contract role(s) / brief description of responsibilities: Mr. Heymann will be serving as Project Director for this project.

Experience dates
(mm/yy–mm/yy)

Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).

03/17 – 09/20

Bourbon Street Rehabilitation (Canal Street to Dumaine Street), City of New Orleans, Department of Public Works, New Orleans, Louisiana: Civil design support. Mott MacDonald provided engineering, construction administration, and resident inspection services for the repair of Bourbon Street surface and underground infrastructure from Canal Street to Dumaine Street as part of the Citywide Public Safety Improvement Program. The project commenced in April 2017 and will take approximately nine months to complete. Mott MacDonald coordinated and sequenced construction after engaging the City of New Orleans, Department of Public Works, the Sewerage and Water Board, residents, business owners, utilities, and contractors.

12/18 - Ongoing

Harvey Tunnel Rehabilitation, New Orleans, LA: Project Engineer responsible for the performing a variety of professional design services for the LADOTD to rehabilitate the Harvey Tunnel, including civil, electrical, mechanical, and structural. The design includes rehabilitation of the pedestrian stairway treads, handrails, lighting and egress signs in the tunnel. Additional features consist of repair of concrete defects, design of leak remediation solutions, upgrades to the tunnel ventilation system, roadway resurfacing, new fire and life safety systems, new HVAC, new drainage system, electrical repair and rehabilitation.

04/19 – Ongoing

LADOTD 4400017006, H.011670; Loyola Drive at I-10 Interchange Improvements, Kenner, LA: Project Manager providing roadway and utility plan reviews for the Design Build project that will widen a portion of I-10 between Loyola Drive and Williams Boulevard, elevated ramps to and from Loyola Drive, and improvements to Loyola Drive to enhance operational conditions and increase the capacity of this interchange accommodating future traffic demand in the area and ingress and egress for airline passenger traffic to the new Louis Armstrong New Orleans International Airport terminal.

04/14 – 06/21

RR130 Milneburg Group A Project, New Orleans, LA: Project Engineer for professional engineering design and surveying services for FEMA-eligible street repairs. Pre-design responsibilities include conducting detailed field assessments of 18 miles for public streets to identify locations and extents of damage that has occurred as a result of Hurricane Katrina; compiling and organizing the data to present to our client along with recommendations for repair and reconstruction in order to obtain FEMA funds. Design responsibilities include gathering topographic and boundary surveys, preparing drainage models, developing preliminary design plans, final plans and specifications, and bid documents for use in the reconstruction of damaged roadways, curbs, drainage, utilities, sidewalks and driveways for the entire 18 linear mile project. Additional responsibilities include engineering design for all civil aspects including geometric and grading design, coordination with utility owners and opinion of probable cost; construction services were deferred to the RR3/JIRR program.

Ms. Lasecki joined Mott MacDonald in 2015 with a specialization in stormwater management and construction engineering. She is skilled in site design using Civil 3D and other, similar software. Ms. Lasecki's is experienced in the development of cost estimates, quantity calculations, drainage design, stormwater management plans, geometric design, erosion control, maintenance-of-traffic, preparation of specifications, and construction inspection.

Certifications: LA, Traffic Control Technician, LA, Flagger



Firm employed by: Mott MacDonald

Austin Kittok, PE

Project Engineer

Years of relevant experience with this employer	6
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Years of relevant experience with other employer(s)	0
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Degree(s) / Years / Specialization	BS / 2016 / Civil Engineering	Year registered	2021
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Active registration number / state / expiration date	#45850 / LA / 03.31.2024	Discipline	Civil
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Contract role(s) / brief description of responsibilities: Mr. Heymann will be serving as Project Director for this project.

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).
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03/17 – 09/20

Bourbon Street Reconstruction (Phases 1 and 2), New Orleans, LA: Project Engineer, providing plan design and review services for the repair of Bourbon Street surface and underground infrastructure from Canal Street to Dumaine Street as part of the City-wide Public Safety Program. Mott MacDonald’s particular attention to existing elevations, balcony posts, business ingress/egress and new grading plan, provided the City with ADA compliant sidewalks and 40 ramps throughout the project. Mott MacDonald coordinated and sequenced construction after engaging the City of New Orleans, Department of Public Works, the Sewerage and Water Board of New Orleans, residents, business owners, utilities, and contractors.

02/18 – 08/22

RR069 Lake Terrace and Oaks Group A (PCI), New Orleans, LA: Project Engineer for professional engineering design and surveying services for FEMA-eligible street repairs. Pre-design responsibilities include conducting detailed field assessments of 8 miles of public streets to identify locations and extents of damage that has occurred as a result of Hurricane Katrina; compiling and organizing the data to present to our client along with recommendations for repair and reconstruction in order to obtain FEMA funds. Design responsibilities include gathering topographic and boundary surveys, preparing drainage models, developing preliminary design plans, final plans and specifications, and bid documents for use in the reconstruction of damaged roadways, curbs, drainage, utilities, sidewalks and driveways for the entire 8 linear mile project.

05/17 – 08/20

RR072 - Lake Terrace and Oaks Group D (FRC), New Orleans, LA: Project Engineer for the for the design and surveying services for FEMA-eligible street repairs in the Lake Oaks neighborhood. The project scope of work includes conducting topographic and boundary surveys, developing preliminary design plans, final plans and specifications, and bid documents for the full reconstruction of all subsurface utilities located on Oriole Street, Killdeer Street, and Jay Street.

04/14 – 06/21

RR130 Milneburg Group A Project, New Orleans, LA: Project Engineer for professional engineering design and surveying services for FEMA-eligible street repairs. Pre-design responsibilities include conducting detailed field assessments of 18 miles for public streets to identify locations and extents of damage that has occurred as a result of Hurricane Katrina; compiling and organizing the data to present to our client along with recommendations for repair and reconstruction in order to obtain FEMA funds. Design responsibilities include gathering topographic and boundary surveys, preparing drainage models, developing preliminary design plans, final plans and specifications, and bid documents for use in the reconstruction of damaged roadways, curbs, drainage, utilities, sidewalks and driveways for the entire 18 linear mile project.

Mr. Kittok provides engineering support and project management for a range of civil projects for the City of New Orleans Department of Public Works, City of Kenner Department of Public works, Jefferson Parish, and LADOTD. These projects consist of assessment, survey, design, and/or CA for the construction of gravity stormwater systems, water distribution systems, and roadways. Mr. Kittok is experienced in the development of cost estimates, quantity calculations, drainage design, stormwater management plans, geometric design, erosion control, maintenance-of-traffic, preparation of specifications, and construction inspection.

Certifications: LA, Traffic Control Technician, LA, Traffic Control Supervisor 2022



17. Firm Experience

17. Firm Experience:

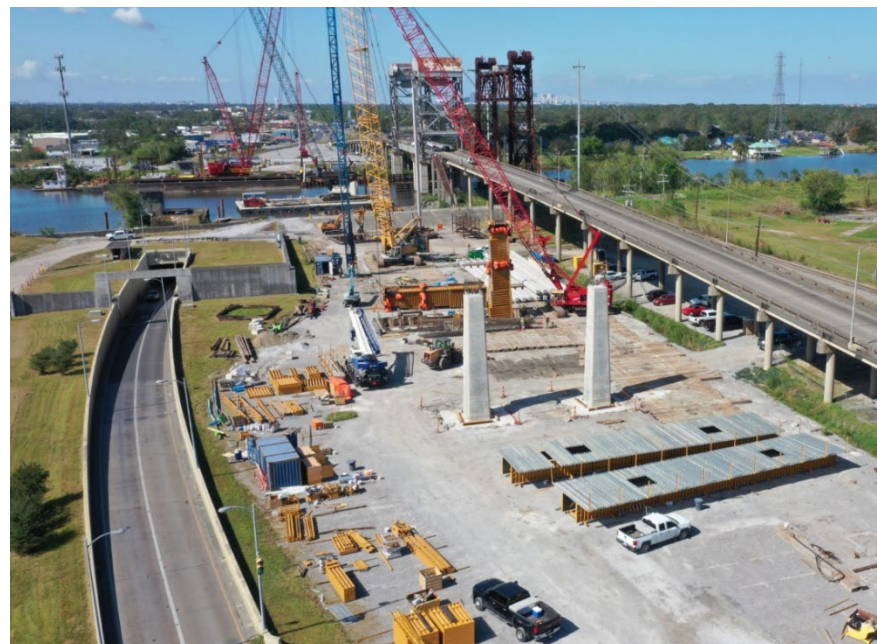
Identify the team's project experience **most relevant** to the scope in the advertisement. The projects should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more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

Firm name	Mott MacDonald	Past Performance Evaluation Discipline(s)*	CE&I/OV
Project name	Belle Chasse Bridge & Tunnel Replacement	Firm responsibility (prime or sub?)	Sub
Project number	004791.6	Owner's name	LADOTD
Project location	Plaquemines Parish	Owner's Project Manager	Nicholas Olivier
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802 225.379.1133 nicholas.olivier@la.gov		
Services commenced by this firm (mm/yy)	02/2020	Total consultant contract cost (\$1,000's)	\$664
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$664

Mott MacDonald has furnished a LaDOTD certified inspector to Volkert (prime) for the LaDOTD Belle Chasse bridge project that will replace the Belle Chasse Tunnel and the Judge Perez Lift Bridge at the Intracoastal Waterway in Plaquemines Parish. Mott MacDonald is supporting Volkert in providing engineering design review and construction support services.

The bridge and tunnel replacement is being developed through a Public Private Partnership (P3). The existing structures will be replaced with a toll bridge crossing the Intracoastal Waterway. In addition to providing CE&I services Mott MacDonald will review the P3 developments teams plans for decommissioning the Belle Chasse Tunnel.

Similar staff: Gary Brouillette, Ian Hanawalt, Liz Guiza, & Many Heymann



Firm name	Mott MacDonald	Past Performance Evaluation Discipline(s)*	CE&I/OV
Project name	Loyola Drive at I-10 Interchange Improvements	Firm responsibility (prime or sub?)	SUB
Project number	H.011670	Owner's name	LADOTD
Project location	Kenner, LA	Owner's Project Manager	Tim Nichols
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802 225.379.1110 tim.nichols@la.gov		
Services commenced by this firm (mm/yy)	04/2019	Total consultant contract cost (\$1,000's)	\$319
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$319

A large-scale improvement to an existing interchange to meet the increased capacity and operational requirements for the new North Terminal at Louis Armstrong New Orleans International Airport (MSY). Our team provides resident inspection services for this project.

Due to the construction of the new North Terminal at Louis Armstrong New Orleans International Airport (MSY), major transportation infrastructure improvements were required to be completed to accommodate the increased traffic demand and operational needs.

LADOTD decided to utilize the Loyola Drive at I-10 Interchange as the primary connector for airport vehicular traffic to the new MSY North Terminal.

The engineered solution was chosen through a detailed environmental assessment and review process by the LADOTD and others. The selected intersections improvements include a diverging diamond interchange with elevated flyover ramps to accommodate specific vehicular movements at a cost of approximately \$125.6 million. Our team provides resident inspection services for this project.

Once the project solution was determined, LADOTD initiated a design build process for project execution. The design build team was chosen as was the Owner Verification Team which Mott MacDonald was a part of. Mott MacDonald's role on the project included reviewing utility designs and relocations including the financial agreements between the utility companies and the LADOTD. In addition, **Mott MacDonald is part of the construction inspection team for the project during the construction phase of the project which will ensure the project meets LADOTD specifications.**

The project is ongoing and in the initial stages of construction. The project will provide a vastly improved traveling experience for the citizens of Louisiana and visitors from around the world. The project will also include aesthetic enhancements that will be an original for this region.

The greatly increased traffic demand from the airport expansion will be accommodated by this priority project resulting in a world class experience for those traveling to and from the Louis Armstrong New Orleans International Airport (MSY).

Similar staff: Gary Brouillette, Ian Hanawalt, Liz Guiza, & Many Heymann



Firm name	Mott MacDonald	Past Performance Evaluation Discipline(s)*	Roadway, CE&I/OV - DPW
Project name	Bourbon Street Reconstruction	Firm responsibility (prime or sub?)	Prime
Project number	MIS-2018-01	Owner's name	City of New Orleans DPW
Project location	New Orleans, LA	Owner's Project Manager	Josh Hartley
Owner's address, phone, email	1300 Perdido St, Suite 6W03, New Orleans, LA 70112 504.658.8042 jwhartley@nola.gov		
Services commenced by this firm (mm/yy)	03/17	Total consultant contract cost (\$1,000's)	\$2,417
Services completed by this firm (mm/yy)	09/20	Cost of consultant services provided by this firm (\$1,000's)	\$1,340

The City of New Orleans needed to fully reconstruct eight blocks of utilities underneath Bourbon Street without retracting from the historical aspects of the French Quarter. Mott MacDonald was selected to creatively address the sensitive design needs.

Understanding that Bourbon Street had not undergone any reconstruction in over 90 years, the City of New Orleans saw a need for a major infrastructure improvement. This included upsizing the existing stormwater infrastructure, replacing the existing water lines, repairing the existing sewer lines, replacing and improving the existing low-pressure gas lines, replacing the existing underground electrical conduits and duct banks, and replacing the existing pavement, sidewalks and ADA ramps.

Mott MacDonald developed an approach to address the time constraints and unknown variables relating to underground utility and infrastructure. Awarded as a fast track construction project, our design team agreed to be at least one block ahead of the contractor while simultaneously updating designs within hours of gaining new field information. With the expectation of facing many drainage and other utility conflicts our team provided real time design solutions.



Although the project goals were to replace the existing utilities, our team identified and recommended an opportunity to provide flood prevention. The main causes of flooding on Bourbon Street were undersized drainage systems and especially, the clogging or collapsing of existing drain lines due to directional boring utilities and large amounts of littering and debris. By maintaining a sustainability and environmentally conscious mindset, Mott MacDonald proactively designed adequate drain line sizes and new curb-guards on the stormwater inlets to vastly reduce the ability of litter to enter the new stormwater drainage system.

There were numerous positive outcomes as a result of the completion of this project, including: fast-track comprehensive design approach, value-added and insightful utility upgrades, the use of innovative curb guards to protect new infrastructure, maintaining one travel lane open during a 10-year storm event, and bringing the City of New Orleans a final project design that will survive the challenging conditions on Bourbon Street.



Similar staff: Gary Brouillette, Liz Guiza, & Many Heymann

Firm name	Mott MacDonald	Past Performance Evaluation Discipline(s)*	Roadway, CE&I/OV - DPW
Project name	Milneburg Group A Project	Firm responsibility (prime or sub?)	Prime
Project number	2012-FEMA-2D-1	Owner's name	City of New Orleans DPW
Project location	New Orleans, LA	Owner's Project Manager	Mo Abdelfattah
Owner's address, phone, email	1300 Perdido St, Suite 6W03, New Orleans, LA 70112 504.628.8000 mabdelfattah@nola.gov		
Services commenced by this firm (mm/yy)	03/16	Total consultant contract cost (\$1,000's)	\$1,850
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$1,500

This project is part of the \$2.3B worth of DPW / SWBNO work across the City in the Joint Infrastructure (JIRR) Program. The project replaces existing waterlines and other utilities, roadways, driveways, sidewalks and ADA ramps in a large portion of the neighborhood.

Hurricane Katrina made landfall on August 29, 2005 producing powerful winds and torrential rains in the City of New Orleans. Milneburg experienced severe flooding due to this storm. The National Oceanic & Atmospheric Administration (NOAA) estimates that the majority of the neighborhood contained between 10-20 feet of floodwaters on August 31, 2005.

The extreme flooding of the Milneburg neighborhood and resulting flood damage to residential structures resulted in the complete demolition of approximately 560 homes throughout the neighborhood and major demolition and rehabilitation on virtually every residential home in the neighborhood.

In addition, the standing water in Milneburg saturated the subgrade soils including the base materials for roadways, sidewalks, curb and gutters, and driveways. The saturated subgrade soils resulted in substantially decreased bearing capacity rendering them highly susceptible to post-disaster damage associated with debris removal and demolition activities.

The project scope of work includes FEMA eligible roadway repair to the 12 by 12 block Milneburg Neighborhood which is approximately 15 miles of local streets. This included conducting topographic and boundary surveys, developing preliminary design plans, final plans and specifications, and bid documents for use in the reconstruction of damaged roadways, curbs, drainage pipes and structures, waterlines, driveways, in addition to roadway milling and overlay.

Mott MacDonald evaluated the roadways, driveways, sidewalks, ADA ramps and a portion of drainage systems for the project. All streets in the neighborhood that were part of the project were walked by the Mott MacDonald team and carefully evaluated for inclusion in the project.

The solution was to design completely upgraded pavement and utility infrastructure systems in accordance with City of New Orleans, Department of Public Works and New Orleans Sewerage and Water Board standards. The project will provide an improved quality of life for the residents of the neighborhood. On blocks with the drainage system being replaced, the final design will result in a drainage system that will prevent flooding up to the required 10-year design storm. The water distribution system will replace any lead services and provide quality and reliable water pressure requirements both to residents and for firefighting needs at new hydrants.

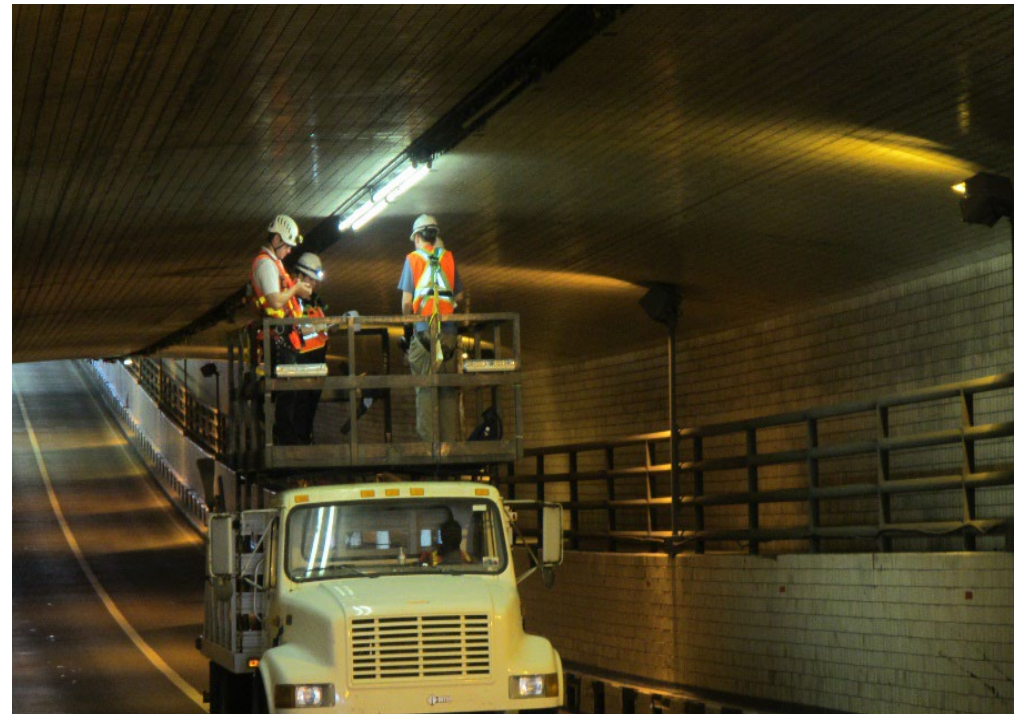


Similar staff: Gary Brouillette, Liz Guiza, & Many Heymann

Firm name	Mott MacDonald	Past Performance Evaluation Discipline(s)*	Bridge
Project name	Harvey Tunnel Lighting Construction Engineering Services		Firm responsibility (prime or sub?) Prime
Project number	013706.5-1	Owner's name	LADOTD
Project location	Jefferson Parish, LA	Owner's Project Manager	Hayley Brown, PE
Owner's address, phone, email	1212 E. Highway Drive, Baton Rouge, LA 70802 225.379.1500 haylye.brown@la.gov		
Services commenced by this firm (mm/yy)	12/18	Total consultant contract cost (\$1,000's)	\$790
Services completed by this firm (mm/yy)	ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$790

The LaDOTD owns, maintains and operates the Harvey Tunnel in Louisiana. The Harvey Tunnel is located in Jefferson Parish, approximately one mile south of the Mississippi River. The Harvey Tunnel is an approximately 1,080-ft long, twin tube, bi-directional, dual-lane vehicular and pedestrian tunnel beneath the Harvey Canal. The tunnel was opened to traffic in 1957 and was constructed prior to the development of current design standards and codes and is deficient in regard to currently applicable design standards and codes.

Mott MacDonald performed professional design services for the LaDOTD to replace the tunnel lighting of the Harvey Tunnel, including a new emergency life safety lighting system, lighting control system and an upgraded tunnel lighting system in accordance with current codes and standards. Design plans include the full replacement of luminaires, raceways, wiring, approach portal light poles, electrical panelboards, an uninterruptible power supply (UPS) for emergency lighting and new fire life safety directional signage. The design also accommodated for structural repairs and ventilation upgrades associated with the new electrical equipment. Pre-design tasks included laser scanning of the existing facilities; non-destructive and destructive testing to evaluate the condition of the existing elements.



Similar staff: Liz Guiza, & Many Heymann

18. Approach and Methodology

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.

Project Understanding

The Vintage Dr. Multi Use Path: Power – Wilson (CE&I) project requires construction contract administration, construction engineering and inspection services (CE&I). The project includes milling, overlay, base rehabilitation, and new drainage structures along Vintage Drive. CE&I services are required to confirm that all construction activities are in accordance with DOTD Standards and Procedures. CE&I will be needed to inspect the construction contractor's daily activities, keeping concise documentation of all filed records, and ensuring all contractual requirements are met. Mott MacDonald has successfully performed CE&I services for DOTD and throughout the US. We are an experienced, exceptional local team that can respond to challenges in the field quickly mitigating scheduling delays.

Project Approach for Technical Excellence

Mott MacDonald will complete all the tasks listed in the RFQ as well as additional tasks when assigned by DOTD for successful completion of this project. We will meet and exceed industry best practices to the satisfaction of DOTD.

Mott MacDonald's construction administration and CE&I services approach places highly skilled and knowledgeable staff on the project site with support from office engineering personnel. The key management tool used to successfully accomplish the work will be a plan comprised of elements such as the Project Plan of Work, Cost and Schedule Controls, Effective and Active Communication, and Coordination between all parties, Reporting Processes, QA/QC and Safety. The goal of our CE&I services is to successfully manage the quality, cost, schedule, and safety to provide that this project is completed on time and within budget meeting and exceeding the expectations of DOTD.

Construction Engineering and Inspection Services (CE&I)

Mott MacDonald's local staff has extensive and wide-ranging CE&I experience. Our staff are experienced in all DOTD's software requirements including Site Manager, ProjectWise, Headlight (with iPad), and LAPAVE. Mott MacDonald's CE&I personnel have all met DOTD work zone requirements. All field personnel assigned to the project have successfully completed the Traffic Control Supervisor/and or Traffic Control Technician and Flagger training.

Mott MacDonald will review the contractor's Critical Path Method (CPM) schedule for DOTD. The early review and agreement on the CPM schedule will be vital to the project getting off to a proper start during the pre-construction phase of the project. We will actively monitor the schedule during construction and include two week look-ahead updates to stay proactive and in front of potential problems. We will work closely with the contractor and DOTD's District 02 Project Engineer to develop solutions and keep key activities on schedule.



Our project understanding and approach is shaped by our firsthand knowledge of the site as well as the provided scope of work.



Mott MacDonald will perform some of the required CE&I tasks as described in more detail below:

- Coordinate with the Construction Contractor and DOTD District 02 personnel to schedule and attend the pre-construction meeting. Mott MacDonald will be conduct and lead the meeting.
- Maintain all construction field records; make daily entries in the project diary (DWR) to indicate Mott MacDonald's personnel present on the job site, Contractor's personnel and equipment being utilized on the project, the work being accepted, the acceptability of traffic control, and the charging of contract time.
- Coordinate with the Entity's Engineer/Representative for all relocations/adjustments of utility facilities for the construction of work site.
- Provide all necessary personnel and equipment to perform the required field-testing for quality assurance in accordance with the latest DOTD Sampling and Testing Manual and pertinent Quality Assurance Manual.
- Submit all sampled materials to be tested by DOTD District 02 Testing Laboratory, in accordance with the stipulated Sampling Manual and pertinent Quality Assurance Manual.
- Inspect Contractor's construction operations (daily) to ensure that all work is performed in accordance with the specified plans and specifications.
- Keep clear and concise records of the contractual operations, prepare monthly pay estimates, and make monthly progress reports in conformance with DOTD requirements. Inspection of construction will not include shop and mill inspections and their approval.
- Prepare final estimate packages, including Form 2059 – "Summary of Test Results" in conformance with DOTD Construction Contract Administration Manual.
- Mott MacDonald will be responsible for submittal approvals required of the project engineer as stated in the Standard Specifications including form drawings.
- All construction activities will be coordinated between Mott MacDonald, the Entity, the FHWA and an assigned representative of DOTD. All work standards, methods of reporting, and documentation of pay quantities will be in accordance with the policies and procedures of DOTD Construction Contract Administration Manual. All partial and final construction estimates, and other information must be submitted on forms approved by DOTD.
- Mott MacDonald will perform all documentation, as prescribed by the Department, on the Department's construction software, HeadLight/SiteManager. Mott MacDonald will provide hardware, i.e., computers, printers, internet connections, etc. deemed necessary to efficiently conduct the inspection services.
- Mott MacDonald may be required to conduct non-reimbursable training sessions for his personnel to receive instructions into the use of HeadLight/SiteManager (approximately four hours). DOTD will provide a qualified instructor for this training.
- Mott MacDonald will be available for conferences, visits to jobsites, and/or inspections by DOTD authorized representatives.
- Mott MacDonald will submit "As-Built" plans with the final estimate. "As-Built" plans are to reflect all changes made from the original plans. All changes to the plans are to be made using a 746-1/2 Tuscan red pencil.
- When it is stipulated by the Project Specifications, that approval by DOTD is required for material, equipment, and/or construction procedures, DOTD policies for obtaining such approval will be followed.
- All construction inspection personnel utilized by Mott MacDonald will meet and retain the same qualification and certification requirements as required of DOTD construction personnel.
- Any proposed changes in plans or in the nature of the work will be pre-approved in writing by DOTD, prior to the performance of stipulated work.

- Change orders throughout the life of the project will also be written by Mott MacDonald and approved through the Department's process in accordance with the DOTD Construction Contract Administration Manual.
- Mott MacDonald will monitor and document all construction claims and provide recommendations on disposition of claims.
- Mott MacDonald will manage the RFI (Request for Information) process as defined on the DOTD internet site, http://wwwsp.dotd.la.gov/Inside_DOTD/Divisions/Engineering/RFI/Forms/AllItems.aspx.
- Mott MacDonald will coordinate and/or perform the inspection of pre-cast materials with DOTD and the Entity. Section 40 Fabrication Engineer's staff oversees fabrication of pre-cast materials. The only inspection Project Engineer's staff is responsible for is inspecting the materials for any damage during transportation.
- Mott MacDonald's inspector will be responsible for performing and documenting inspections of erosion control devices, and reporting deficiencies to Contractor for correction on the Department's construction software, HeadLight/SiteManager.
- Mott MacDonald will meet with the DOTD Statewide Sign Inspector to review the construction signing for compliance with the MUTCD and Traffic Control Standards. Documentation of corrections made by Contractor will be input into HeadLight/SiteManager by Mott MacDonald's Project Engineer.
- The Contractor will perform construction layout, and Mott MacDonald will perform, or hire a licensed surveyor to perform, any necessary spot checks for verification. All surveying will be in accordance with the requirement of LAPELS.

Independent Testing Laboratory

Southern Earth Sciences is a qualified independent testing laboratory, per 23 CFR 637.209, available to assist Mott MacDonald on this contract in the event the DOTD Testing Laboratory is not available. Per RFQ instructions, Mott MacDonald will provide documentation verifying access to a qualified independent testing laboratory to the DOTD PM within 10 business days of the award notification.

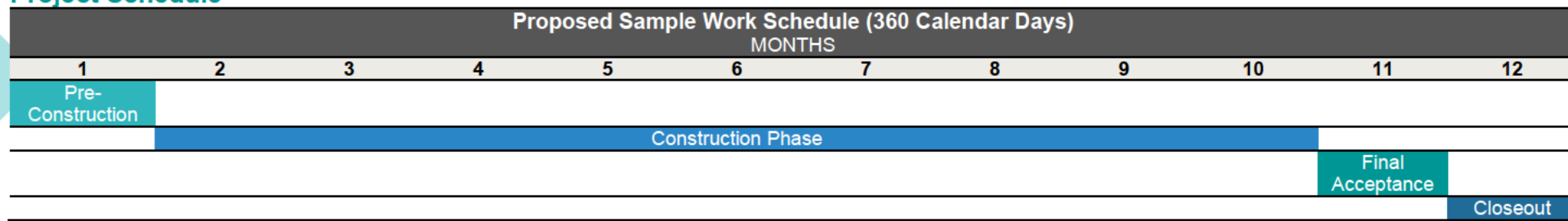
Quality Assurance/Quality Control

A Quality Assurance/Quality Control (QA/QC) Plan will be established for the project to provide a mechanism by which all deliverables will be subject to a systematic and consistent review. This will include a review of all sub-consultant work and deliverables. This Plan will follow established DOTD policies, procedures, standards, and guidelines. We will submit the Plan to the DOTD PM within 10 business days of the award notification.

Dispute Resolution

Mott MacDonald takes an active approach for addressing disputes and claim management and resolution. We believe it is imperative to take initiative early on and before the dispute drags on. We will keep detailed records and provide tracking of time and materials in the field in a force account format, if needed. Our primary goal is to resolve claims prior to their occurrence.

Project Schedule



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)	Past Performance Evaluation Discipline(s)*	State project number	Project name	Remaining Unpaid Balance**
Mott MacDonald	CE&I/OV	004791.6	Belle Chasse Bridge and Tunnel (HBI)	\$606,822
Mott MacDonald	CE&I/OV	011670.6	I-10/Loyola Interchange Improvements	\$148,154
Mott MacDonald	CE&I/OV	013706.5	Harvey Tunnel Rehabilitation	\$182,762
Mott MacDonald	CE&I/OV	010673.5	Harvey Tunnel Rehabilitation	\$1,365,708
Mott MacDonald	Other – Alternative Delivery/ Advisory	003931	I-10 Calcasieu River Bridge P3 Project	\$263,228



20. Certifications/Licenses

20. Certifications/Licenses:

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

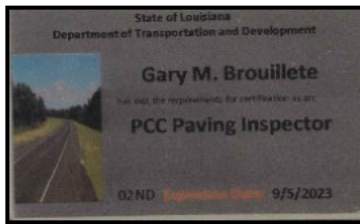
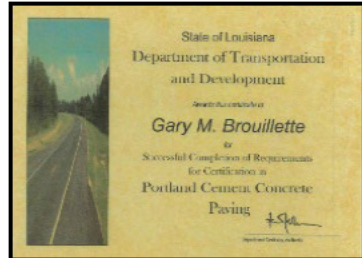
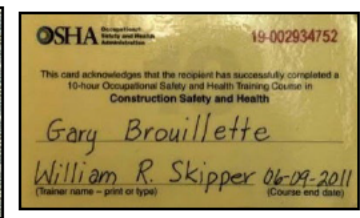
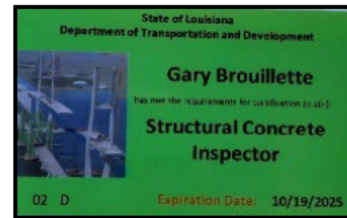
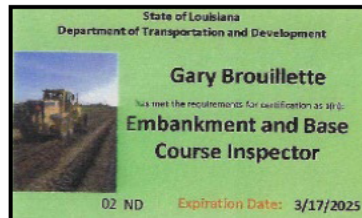
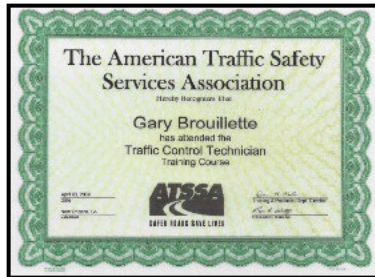
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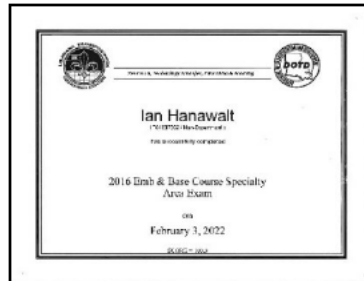
Elizabeth Guiza, PE



Gary Brouillette



Ian Hanawalt



21. QA/QC Plan and/or Work Plan

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

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

Not Applicable

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22. Sub-consultant information

22. Sub-consultant information:

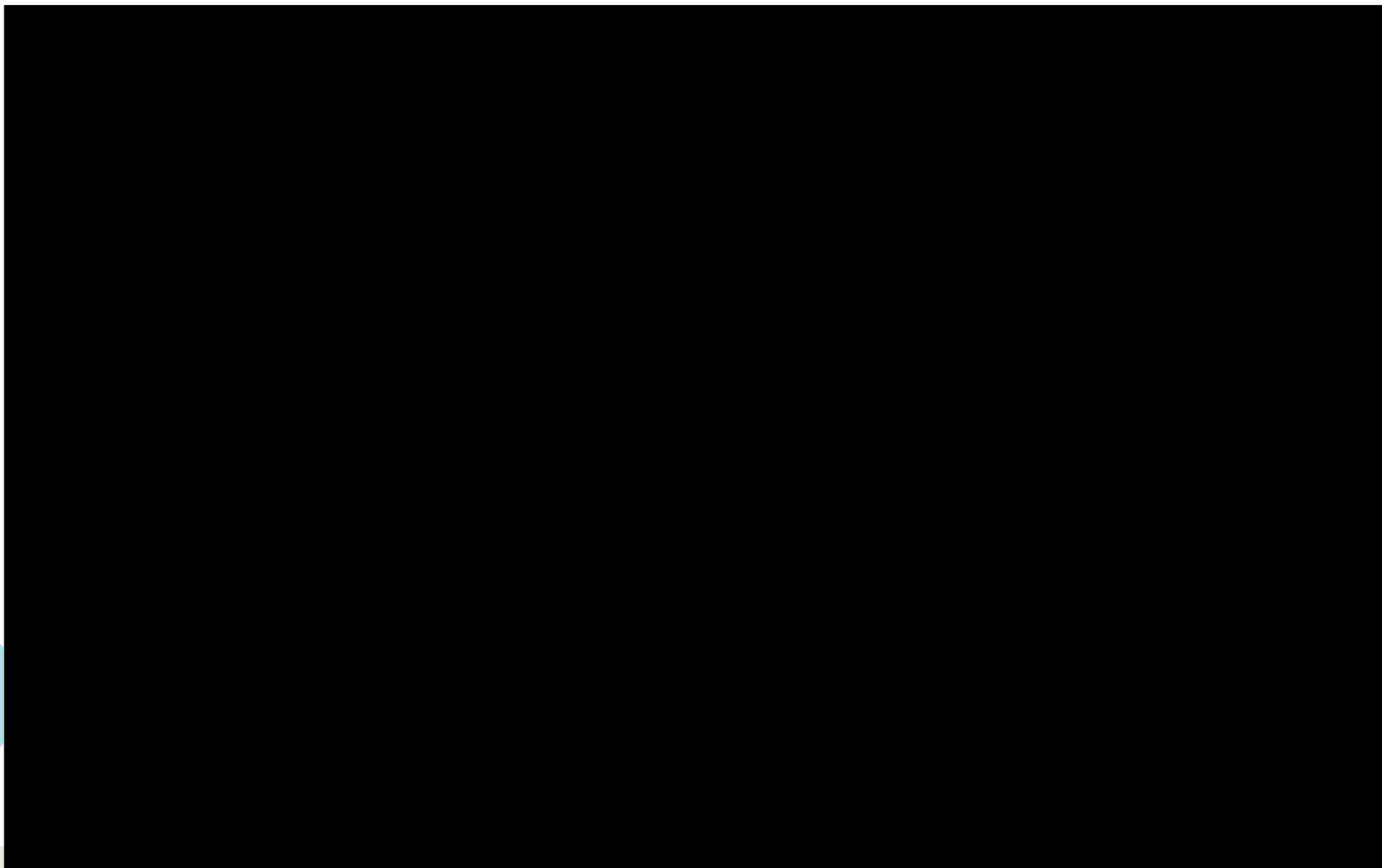
If one or more sub-consultants will be used, provide the name, address, point of contact and phone number for each. Otherwise, leave this section blank

Firm Name (as registered with Louisiana's Secretary of State)	Address	Point of Contact and email address	Phone Number
No subconsultants are being utilized			

23. Location


23 Location:

If location is an evaluation criterion for this advertisement and the prime consultant intends to establish a local presence, describe the plan for doing so. Otherwise, leave this section blank.



Prime consultant name: Mott MacDonald, LLC

MOTT
MACDONALD ^M M

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Opening opportunities
with connected thinking.

For more information visit:
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