

ENTITY CONTRACT FOR LAFAYETTE PARISH NON-STATE PVMT MARKINGS



COVER LETTER

May 18, 2023

Department of Transportation and Development Consultant Contract Services Administrator
1201 Capitol Access Road, Room 405-E
Baton Rouge, LA 70802-4438

RE: CONTRACT NO. 4400027010
ENTITY CONTRACT FOR LAFAYETTE PARISH NON-STATE PVMT MARKINGS
STATE PROJECT NO. H.015018.5
F.A.P. NO. H015018
LAFAYETTE PARISH

Dear Consultant Selection Committee,

Royal Engineers and Consultants, L.L.C. (Royal) respectfully requests your review and consideration of the enclosed proposal prepared in response to the Department's advertisement for Engineering and Related Services for Lafayette Parish Street Non-State Pavement Markings. Since 2005, Royal has delivered multi-discipline professional engineering, construction and program management, and resident inspection services for industry, government, and the private sector across the Gulf Coast and is fully licensed, bonded, and insured to do so. Additionally, Royal has provided construction engineering and inspection for complex roadway programs across Louisiana, totaling more than \$500 million.

With offices in Baton Rouge, New Orleans, and Lafayette, staffed with specialists in roadway design and construction, the Royal Team is positioned to mobilize immediately and perform the requested services within the parameters established. As noted to the right, Royal has procured Louisiana Testing & Inspection, Inc. to provide Material Testing Services in the event that the DOTD Testing Laboratory is not available. Through our carefully selected team of professionals, we are committed to providing the Department and Lafayette Consolidated Government the full suite of construction engineering and inspection services required and confident we will surpass expectations.

Royal's proposed team meets or exceeds the specified minimum requirements and is organized to meet the needed services described in Attachment A of the advertisement. The Royal Team's statement of qualifications contained herein is submitted in direct response to the referenced advertisement. It highlights our relevant experience and expertise and articulates our unique capabilities to perform needed services in a timely and professional manner within budget.

We appreciate the opportunity to respond and look forward to working with the Department and Lafayette Consolidated Government. Please direct communication related to the advertisement to our Primary Point of Contact, Michael Pugh, by phone at (504) 283-9400 or via email at mpugh@royalengineering.net.

Sincerely,



Michael Pugh, P.E.
President
ROYAL ENGINEERS AND CONSULTANTS, LLC



Louisiana Testing & Inspection, Inc.

2215 W. Willow St.
Scott, LA. 70583
(337) 235-9411

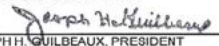
P.O. Box 2934
Lafayette, LA. 70502
fax (337) 232-9362

PROJECT: DOTD ENTITY CONTRACT FOR LAFAYETTE PARISH NON-STATE PVMT MARKINGS
STATE PVMT MARKINGS
CLIENT: ROYAL ENGINEERS & CONSULTANTS
1231 CAMELLIA BLVD. LAFAYETTE, LA. 70508
DATE: 5/16/2023

EMAIL: kforeman@royalengineering.net

PLEASE LET THIS LETTER AFFIRM THAT LOUISIANA TESTING & INSPECTION, INC. DOES
COMMIT TO BE RESPONSIVE WITH OUR PERSONNEL AND EQUIPMENT, IF NEEDED, FOR
THE DOTD ENTITY CONTRACT FOR LAFAYETTE PARISH NON-STATE PVMT MARKINGS.

RESPECTFULLY SUBMITTED BY:


JOSEPH H. GUILBEAUX, PRESIDENT

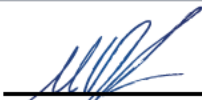
As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients

DOTD FORM: 24-102**PROPOSAL TO PROVIDE CONSULTANT SERVICES**

(Revised January 1, 2023)

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

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

1. Contract Name as shown in the advertisement	Entity Contract for Lafayette Parish Non-State Pavement Markings	
2. Contract Number(s) as shown in the advertisement	4400027010	
3. State Project Number(s), if shown in the advertisement	H.015018.5	
4. Prime consultant name (name must match as registered with the Louisiana Secretary of State where such registration is required by law)	Royal Engineers and Consultants, 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.0003328	
6. Prime consultant mailing address	1501 Religious St, Ste C New Orleans, LA 70130	
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	1501 Religious St, Ste C New Orleans, LA 70130	
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Michael Pugh, P.E., President 504-283-9400, mpugh@royalengineering.net	
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Michael Pugh, P.E., President 504-283-9400, mpugh@royalengineering.net	
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 above shall be the same person listed in Section 9 <u>May 18, 2023</u> Date	
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

12. Past Performance Evaluation Discipline Table

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

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

Past Performance Evaluation Discipline(s)	% of Overall Contract	Royal (Prime)	Each Discipline must total to 100%
CE&I	100%	100%	100%
Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant			
Percent of Contract	100%	100%	100%

13. Firm Size:

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

The DOTD Job Classification(s) to be used can be found at the following link: http://www.sp.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)
Royal Engineers and Consultants, LLC	Accountant	1	2
	Administrative	1	5
	CADD Operator	1	2
	Clerical	1	3
	Engineer	2	7
	Engineer Intern	1	3
	Inspector	2	6
	Inspector - Certified	3	3
	Project Office Manager	1	3
	Principal	1	3
	Supervisor - Other	1	1

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.

LEGEND

+As Needed Personnel

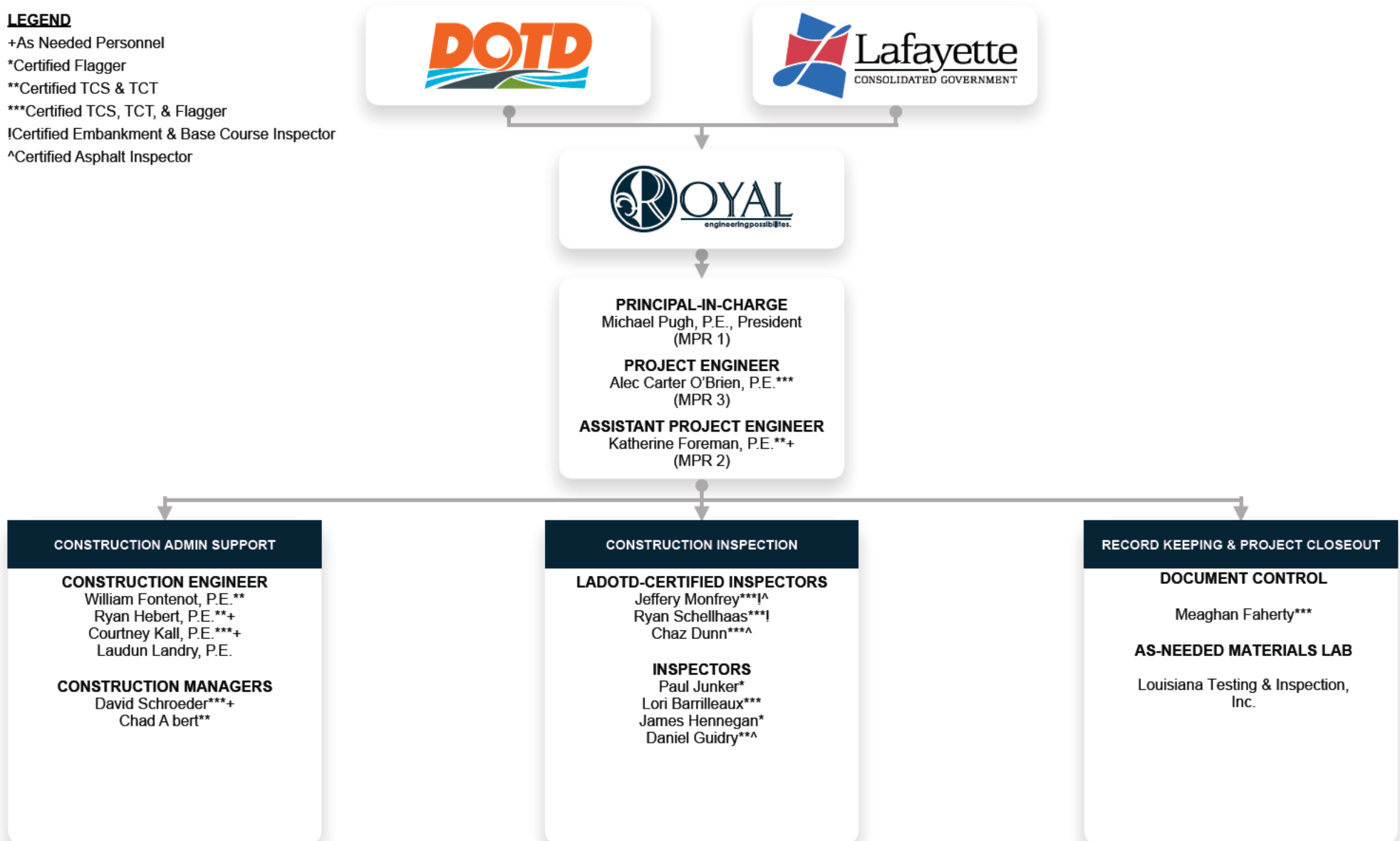
*Certified Flagger

**Certified TCS & TCT

***Certified TCS, TCT, & Flagger

!Certified Embankment & Base Course Inspector

^Certified Asphalt Inspector




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.	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE# - Civil)	State of license	License/certification expiration date
1	Michel Pugh, P.E.	Royal	Professional Engineer 30911	LA	3-31-2024
2	Katherine Foreman, P.E.	Royal	Professional Engineer 46031	LA	3-31-2024
3	Alec Carter O'Brien, P.E.	Royal	Professional Engineer 43647	LA	3-31-2024

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	Royal Engineers and Consultants, LLC			
Name	Michel Pugh, P.E.	Years of relevant experience with this employer	17	
Title	President	Years of relevant experience with other employer(s)	11	
Degree(s) / Years / Specialization	BS / 1997 / Civil Engineering	Active registration number / state / expiration date	30911 / LA / 3-31-2024	
Year registered	2003	Discipline	Professional Engineer, Civil	
Contract role(s)/brief description of responsibilities			Principal-in-Charge / MPR 1	
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).			
28 years of experience	Mr. Pugh has over 28 years of experience in design and construction management of roadway and drainage systems. He managed the St. Bernard Parish Roadway Restoration Program which has included the design, bidding, and construction management of 178 roadways with a construction value of nearly \$60M. He is a Registered Professional Engineer in 8 states, including Louisiana.			
06/18 - 06/19	Citywide Construction Administration and Resident Inspection Services for Sewerage and Water Board of New Orleans and City of New Orleans DPW Cooperative Agreement – New Orleans, LA Principal in Charge of team contracted to provide construction management and inspection services for annual maintenance contractors in five (5) maintenance zones, performing repair and restoration of pavement and associated infrastructure, including utility repair and replacement (water, sewer & drainage), sidewalks, ADA-Compliant Ramps, as well as replacement and repair to associated infrastructure., with a monthly total of 30-35 sites per maintenance zone. Responsibilities included team mobilization, including serving as principal engineer and assignment of senior project manager, lead project manager, scheduler, lead technician to coordination construction and inspection who is on-site at all times, lead and associated inspectors, project engineers, and associate technicians for document control and QA/QC of documentation.			
11/19 - Ongoing	City of New Orleans Roadway Restoration Program CM and Inspection – New Orleans, LA Principal Engineer on the Royal team contracted by the Department of Public Works (DPW) to provide construction management and resident inspection services for the City of New Orleans Roadway Restoration Program CM and Inspection. This project includes restoration of parish concrete and asphalt roadways and associated infrastructure (i.e., sidewalks, driveways, drainage, sewer, and water) that suffered damage during Hurricane Katrina. Construction services are being performed by multiple contractors under contract by DPW and overseen by Royal. Royal is providing all construction management, data management, reporting, platform deployment, quality assurance, administration, pay applications, resident inspection, and closeout services.			
02/15 - Ongoing	St. Bernard Parish Government Pre-Cast Con-Span Canal Crossings Engineering and CM Services – St. Bernard, LA Principal Engineer on team contracted for civil engineering, design, surveying, geotechnical, field layout, bidding, construction administration, resident inspection, technical/engineering project close-out, construction management (CM) services. Responsibilities included project governance, subject matter expert for design input, and team mobilization for the replacement of 6 culverts with pre-cast Con-Span structures and increasing the existing hydraulic capacity of the canal.			

03/17 - 05/19	<p>Lafayette Regional Airport, Taxiway F Phase III Enabling Project – Lafayette, LA</p> <p>Civil Engineering Subject Matter Expert on team providing construction management services for the Taxiway Foxtrot Phase III construction project located at the Lafayette Regional Airport which includes the creation of a parallel taxiway for Runway 4L-22R and a connector taxilane to extend Taxilane A to provide access to the new terminal. Responsibilities included performing a project constructability review.</p>
09/19 - 03/20	<p>MaxPave Roadway Program: PM/CM of Utility Rehabilitation – New Orleans, LA</p> <p>Principal Engineer responsible for interagency coordination, project management, contract administration, construction management, assessment, and resident inspection services for the CNO DPW and SWBNO combined utility rehabilitation initiative. The project involves 50 to 75 service cuts weekly to conduct the needed point repairs to the sewer and water infrastructure. Completed on-time and on-budget, Mr. Pugh's primary duties included client service management and civil engineering and utility impacts subject matter expertise.</p>
12/10 - 01/17	<p>Regional Transit Authority Streetcar Expansion Program – Construction Management Plus</p> <p>Principal-in-Charge for this streetcar expansion program, where Royal provided construction management and inspection services, document administration, and change order management. Services also included estimating and review of potential change orders and monitoring differing site conditions encountered during construction. The project consists of 14,400 track feet of continuously welded rail, installation of the half grand union at Canal and N. Rampart, an embedded double cross over at Frenchman & Elysian Fields, refurbishment of over 40 historic light poles to include LED bulbs, overhead catenary system installation, installation of traction powered substation, utility relocation and upgrades, and road milling and repaving. Mr. Pugh's team observed demolition, excavation, utility re- location, concrete, asphalt, earthwork, and track-work to ensure compliance with drawings and specifications.</p>
11/10 - 08/11	<p>Bloski Avenue Extension – Belle Chasse, LA</p> <p>Principal Engineer for this road construction project. Royal worked directly for the Naval Facilities Engineering Command Southeast as the prime contractor. This project consisted of the construction of a 1,300-foot asphalt roadway and included the construction of stormwater drainage, sidewalks, concrete driveways, and solar street lighting. Through value engineering efforts, Mr. Pugh reduced NAVFAC's cost by \$800K and reduced the project schedule by 50 days. Royal was also responsible for the development and maintenance of the Stormwater Pollution Prevention Plan (SWPPP), Environmental Protection Plan (EPP), Health & Safety Plan (HASP), and Accident Prevention Plan (APP).</p>
03/07 - 10/09	<p>Roadway Restoration Project – St. Bernard Parish, LA</p> <p>Lead Design Engineer and Project Principal responsible for engineering, design, and construction management services for the restoration of all concrete and asphalt roadways, including associated infrastructure, including sidewalks, driveways, drainage, sewer, and water systems, that suffered damage during Hurricane Katrina and the recovery process. Mr. Pugh was the engineer in responsible charge for all design and served as the primary technical resource for contractor questions and challenges encountered during construction.</p>
01/98 - 08/00	<p>DOTD: Off System Bridge Program – Iberia Parish, LA</p> <p>Mr. Pugh was responsible for maintaining and supervising all Iberia Parish's Off-System Bridge Program projects. This project included intermediate inspection of bridges, recommendations for repairs, supervised repair work, coordination with DOTD and Parish officials, and maintenance of detailed bridge files.</p>

16. Staff Experience

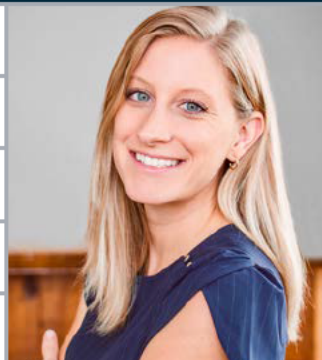
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Firm employed by	Royal Engineers and Consultants, LLC			
Name	Carter O'Brien, P.E.	Years of relevant experience with this employer	3	
Title	Senior Project Manager	Years of relevant experience with other employer(s)	8	
Degree(s) / Years / Specialization	BS / 2013 / Civil Engineering	Active registration number / state / expiration date	43647 / LA / 3-31-2024	
Year registered	2019	Discipline	Professional Engineer, Civil	
Contract role(s)/brief description of responsibilities			Project Engineer / MPR 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).			
11 years of experience	Mr. O'Brien is an Engineer with over 10 years of heavy civil, roadway, drainage, and bridge construction experience. Mr. O'Brien has managed field operations, inspectors, project documentation and closeout on numerous projects. He has completed road restoration and reconstruction projects for DOTD, FEMA, and various other local agencies. He has extensively worked in asphalt paving, PCCP, catch basins, drainage, and sidewalk projects. Mr. O'Brien has significant experience preparing plans and specifications to in accordance with DOTD standards. Certifications: Traffic Control Supervisor, Traffic Control Technician, Certified Flagger			
10/20 - Ongoing	Roadway Restoration for Bayou St. John, Fairgrounds, and Seventh Ward Group B Roads – New Orleans, LA Project Engineer responsible for providing Construction Administration, Construction management as well as resident inspection services for the City of New Orleans Department of Public Works. Mr. O'Brien provided field management of the contractor and all construction activities, included but was not limited to conducting progress meetings, dealing with resident complaints, review and recommendation for approval of monthly pay estimates, assisting in field adjustments and using knowledge and experience in civil construction to ensure project remained on schedule and budget.			
04/18 - 02/20	St. Gabriel Roadway Repair: Phase 5 – St. Gabriel, LA Construction Manager on the Royal team contracted by the City of St. Gabriel to provide Construction Management and Engineering Services for the restoration of four roadways and the full re-construction of one roadway. This project's scope consisted of cold planing of existing asphalt, Lime and Soil cement treatments, asphalt binder and wearing overlay. Mr. O'Brien performed construction management responsibilities during the Construction phase, assisted in design alterations during construction, and produced as-built drawings for post- construction closeout.			
10/22 – Current	Construction Management Services for Jourdan Rd Wharf Terminal Substructure Repairs, Port of New Orleans Project Manager responsible for providing construction management services, including constructability reviews, document control, field representation, supporting Port NOLA with project close out for the repair of the substructure of the wharf at the Jourdan Road Terminal on the Gulf Intracoastal Waterway in New Orleans. The existing wharf is more than 40 years old, measures 1,400 linear feet long by 265 feet wide consisting of pre-cast and cast-in-place deck elements supported by 2,000 open-ended steel pipe piles which are 14" and 16" in diameter with a 3/8" wall thickness and contain a fibrous jacket on the top 6 to 8 feet that is known to contain asbestos. The delivery method for the project is Construction Management at Risk (CMAR).			

01/23 – Current	<p>Construction Management and Estimating Services for Nashville Wharf A Substructure Repairs, Phase 2, Port of New Orleans</p> <p>Project manager responsible for providing construction management services including cost estimating, constructability reviews, document control, field representation, and supporting Port NOLA with project close out for the repair of the substructure of the Nashville Wharf “A” facility located on the Mississippi River in New Orleans, LA. The existing wharf was constructed in 1960 and 1961 and is approximately 2,400 linear feet long and 214 feet wide and supported by approximately 5,371 steel piles. The steel pile type varies throughout the structure. The delivery method for the project is Construction Management at Risk (CMAR).</p>
04/18 - 02/19	<p>H.010352 / LA 442: Tangipahoa River Bridge Replacement – Tickfaw, LA</p> <p>Construction Engineer responsible for reviewing the contractor's Critical Path Method schedule. This includes approval of the CPM baseline schedule ensuring that it meets the project time requirements, project specifications, the contract value matches that in the schedule, that all resources and items in the contract are adequately reflected in the contractor's CPM schedule. The project also included review and approval of each monthly update of the schedule and providing the owner (LADOTD) with adequate and informed information in case of litigation, disputes or requested change orders.</p>
06/17 - 08/20	<p>Sales Tax Street and Road Rehabilitation Program – East Baton Rouge Parish, LA</p> <p>Mr. O'Brien assisted the Project Engineer for this project which began in 1990. Mr. O'Brien provided oversight of inspectors, developed plans and quantities for upcoming projects, handled partial estimates and change orders and assisted the project engineer on project administration for the past 5 years. These projects include a variety of rehabilitations jobs; PPC paving patching, asphalt patching, asphaltic concrete overlay, crack sealing and full reconstruction including soil cement. Mr. O'Brien has served as Engineer on the following projects: 14-09 Winbourne Ave, 14-15 Crack Sealing, 15-01 Carrington Place, 15-02 / H.010648 Acadian Thruway Project, 15-03 Santa Maria, 15-04 Magnolia Trace & Shadows of White Oak, 15-05 Brookstown, 15-06 / H.010650 OLOL Project, 15-07 Old Perkins Barringer Foreman, 15-08 Woodale & Lobdell, 15-09 Pearis Road & Comite Drive, 15-10 Crack Sealing, 15-11 PCC Partial Depth Patching, 15-12 Stumberg, 16-01 / H.011364 Goodwood Blvd., 16-02 / H.011363 Sherwood Blvd., 16-03 Sherwood Forest Streets, 16-04 Dalrymple, 16-05 Bluebonnet and Nicholson, 16-06 Arbor Walk, 16-07 Choctaw, Prescott and Airway, 16-09 Goodwood and Sherwood Forest, 16-10 / H.011842 Chocktaw Drive Pavement Preservation. (DPW Project No. 15-CEST-0001)</p>
01/19 - 08/19	<p>I-10 Widening, LA 347 to Atchafalaya Floodway Bridge Route</p> <p>As EIT for this 3.436-mile, \$52 million project to widen the westbound lanes of I-10 includes total reconstruction of the existing lanes both east and westbound, and widening of four structures in St. Martin, Parish, Mr. O'Brien was responsible for Critical Path Method schedule review.</p>
04/18 - 08/18	<p>H.009597 / 1-10 / W Pearl River – Baton Rouge, LA</p> <p>As Construction Engineer, assisted the project manager with review of the projects critical path method (CPM) schedule. Mr. O'Brien was responsible for reviewing the submitted baseline and updates to ensure the contractor's means and methods were reasonable, the contract specifications for allowed time per line item were reflected in the schedule, and the contract amount was reflected in the schedule.</p>
07/16 - 07/18	<p>H.011503 / I-10 Twin Spans ITS – Orleans and St. Tammany Parish, LA</p> <p>As Construction Engineer responsibilities included responding to RFIs throughout construction, providing LADOTD with suggested solutions to RFIs, generating LADOTD Site Manager monthly estimates, reviewing Site Manager diaries, and reviewing project change orders and submitting them to LADOTD for approval. Upon completion of construction, Mr. O'Brien compiled all project documentation including all submittals, as-builts, survey site layout, correspondence, 2059, and all LADOTD required project documentation and submitted to the state.</p>
12/15 - 06/16	<p>H.001491.6 / LA 20 (North Canal Blvd.) Widening – Lafourche Parish, LA</p> <p>As Senior Field Engineer, duties included QA/QC testing management, submitted change orders, project submittal management, RFI submittals, schedule management, survey site layout, project coordination, and maintained project as-builts.</p>
08/14 - 08/16	<p>H.003432 / US-51 Business Roundabouts – Hammond, LA</p> <p>Senior Field Engineer responsible for problem identification and resolution in the field. This included preparing, designing, submitting, and revising concrete and asphalt mix designs in accordance with the project plans and specifications. Mr. O'Brien updated critical path method (CPM) schedule each month, prepared as-built plans during construction to reflect in field changes, and performed traffic control design during construction. He submitted numerous traffic control plans during construction phase changes and ensured the TC plans was in accordance with the MUTCD. Various drainage structures had to be altered to accommodate in field conflicts, for which Mr. O'Brien calculated slope, made drainage structure drawing adjustments, and ensured all changed structures met the project specifications. In addition, he was responsible for OSHA-compliant safety measures being exercised in the field; surveying; and change order management and quality control on all project materials including asphalt density testing, base density testing, concrete cylinders, soil cement densities and striping reflectivity testing.</p>

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	Royal Engineers and Consultants, LLC			
Name	Katherine Foreman, P.E.	Years of relevant experience with this employer	7	
Title	Professional Engineer	Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization	BS / 2017 / Civil Engineering	Active registration number / state / expiration date	46031 / LA / 3-31-2024	
Year registered	2021	Discipline	Professional Engineer, Civil	
Contract role(s)/brief description of responsibilities			Assistant Project Engineer / MPR 2	
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).			
7 years of experience	<p>Ms. Foreman has 7 years of experience in civil engineering design and construction management on project types including storm drainage systems, asphalt and concrete road design, sidewalks, potable water distribution systems, gravity sewer systems, flood control structures, commercial and residential site design, foundation design, and retaining walls. Her expertise includes familiarity with DOTD design manuals and specifications, ADA requirements, and AASHTO standards and the use of various software packages for HandH design and analysis such as HEC-HMS, HEC-RAS, DOTD HYDR programs, HY8, and Autodesk Storm and Sanitary Analysis. Ms. Foreman has significant experience preparing plans and specifications to in accordance with DOTD standards.</p> <p>Certifications: Traffic Control Supervisor and Traffic Control Technician</p>			
2023 - Ongoing	<p>H.015009 W. Metairie Avenue Over S. Suburban Canal Off System Bridge – Jefferson Parish, LA</p> <p>Project Manager for DOTD Off-System Bridge (OSBR) replacement of an existing slab span bridge located in an urban area of Jefferson Parish. Ms. Foreman’s responsibilities include managing all aspects of design and client relations, overseeing plan production in accordance with the Off-System Highway Bridge Program Guidelines, leading the hydraulic analysis and design for all viable alternatives for the bridge replacement in accordance with the DOTD Hydraulics Manual, and coordinating survey efforts. Services provided by Royal include topographic and boundary survey, preliminary plan production, right-of-way agreements and sketches, and environmental services including solicitation of views, categorical exclusion clearance, wetland studies, and other information needed for the Environmental Clearance process.</p>			
08/15 - 01/22	<p>H.013443 Iberia Street Sidewalk – Youngsville, LA</p> <p>Civil/Hydraulic Engineer on team providing engineering design and engineering services during construction for the DOTD TAP- funded project involving installation of RCP drainage piping within the existing roadside ditches; a 6' wide concrete sidewalk, including two pedestrian bridges crossing waterways on the south side of Iberia St. from School St. to Sugar Mill Pond Subdivision allowing for greater interconnectivity of pedestrian travel. Responsibilities included design support; performing routine site visits; providing construction management/administration, and engineering support during construction, including utility coordination and responding to requests for information on elevation of pedestrian bridge.</p>			

12/17 - 02/22	<p>Camellia: Settlers Trace Turn Lane – Lafayette, LA</p> <p>Civil/Hydraulic Engineer on team providing engineering services to the LCG for the design of a dedicated right-turn lane and second left-turn lane at the intersection of Camellia Boulevard and Settlers Trace Boulevard. Services include preparing plans and specifications for project construction, performing engineering design and analyses for the widening of the concrete roadway, evaluation of the existing drainage infrastructure, and identifying required modifications to the existing drainage system. Responsibilities included design support; performing routine site visits; providing construction management/administration, and engineering support during construction, including utility coordination, surveyor coordination; schedule coordination with contractor; facilitation set of of on-site job shack; client coordination; lab testing coordination; coordination of traffic control operations and compliance with traffic control plan, and overseeing resident inspection services throughout construction.</p>
08/15 - 11/21	<p>Polly Lane Extension – Lafayette, LA</p> <p>Civil/Hydraulic Engineer responsible for performing engineering design services and construction management for the extension and connection of both existing dead-end streets of Polly Lane, inclusive of roadway reconstruction and widening to its existing section at Verot School Road. The approximate length of the new roadway is 1,080 linear feet and the length of improvements to existing roadway is 930 linear feet. The roadway extension/connection consists of a 2-lane asphaltic concrete roadway, a 32 ft diameter reinforced Class A concrete roundabout, curb and gutter and subsurface drainage, a concrete box culvert over Issac Verot Coulee Lateral 7, sidewalks, and lighting. As Engineer Intern, Ms. Foreman was responsible for performing engineering analyses for design of the storm drainage system, preparation of and revisions to construction documents, performing routine site visits, providing construction management/administration, and engineering support during construction, and overseeing resident inspection services throughout construction. As Project Manager, Ms. Foreman was responsible for invoicing, deliverables, scheduling, resourcing, and client coordination.</p>
06/15 - 06/17	<p>Détente Road Rehabilitation – Youngsville, LA</p> <p>Engineer Intern on team providing design, bidding and construction management services for the rehabilitation of Détente Road, consisting of mill & overlay of asphaltic pavement including asphaltic pavement patching. Responsibilities included coordination of testing laboratory requirements and support with change orders and work change directives related to additional locations.</p>
08/20 - Ongoing	<p>Indian Creek Low Water Crossing – Fort Polk, LA</p> <p>Civil/Hydraulic Engineer and Project Manager for the Royal team providing engineering services to design a new roadway low water crossing structure and to design repairs to the existing Sagebrush Road. Responsibilities include serving as the primary point of contact between Royal and DCMS, Inc., coordinating closely with the construction Contractor for the project throughout design of the project, designing the horizontal geometry of proposed new road, and supporting the design team with various design tasks such as 1D and 2D hydraulic modeling using HEC-RAS, culvert sizing, and development of plans and specifications.</p>
07/19 - Ongoing	<p>Iberia Parish Water Control Structures – Iberia Parish, LA</p> <p>Civil/Hydraulic Engineer for the coordination and design of three (3) flap-gated water control structures for the Iberia Parish Government, intended to improve gravity drainage of stormwater within the Parish. Project responsibilities include developing combined 1D/2D HEC-RAS models to analyze the existing capacities three main canal structures, incorporating culvert and flapgate structures into the HEC-RAS models to properly size the structures and analyze effects of the structures on the floodplain of each channel, and preparing detailed modeling reports.</p>
02/15 - Ongoing	<p>Missouri Street at Corinne Canal – St. Bernard Parish, LA</p> <p>Civil/Hydraulic Engineer on the Royal team contracted by St. Bernard Parish Government (SBPG) to provide Engineering Services for repairs, restorations and/or replacement of Parish owned roadway and bridges to their Pre-Katrina condition while preserving the historical value and intent of each facility and Engineering Services for replacement of 6 existing culverts with precast Con-Span structures. PW 19332, Missouri @ Corinne Bridge consisted of a Hazard Mitigation project to replace the preexisting two – 60" corrugated metal pipe culverts with a 26'-0" wide 72'-0" long clear span, precast concrete structure. Ms. Foreman was responsible for hydraulic analysis, site layout and grading, foundation design, wingwall design, and coordinating development of plans. During construction, responsibilities include submittal reviews (pile loads and con-span wingwall).</p>
08/19 - 01/20	<p>Roadway Repairs – St. Gabriel, LA</p> <p>Engineer Intern on team providing engineering design and engineering services during construction to mill and overlay four roadways including associated work to drive aprons and reconstruct one roadway including pavement removal, general excavation, soil cement, class II base course, asphaltic concrete pavement and associated work to drive aprons. Responsibilities included bid tabulation and recommendation for award.</p>

16. Staff Experience


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Firm employed by	Royal Engineers and Consultants, LLC			
Name	William Fontenot, Jr, P.E.	Years of relevant experience with this employer	1	
Title	Structural Engineer	Years of relevant experience with other employer(s)	8	
Degree(s) / Years / Specialization	BS / 2012 / Civil Engineering	Active registration number / state / expiration date	41036 / LA / 3-31-2025	
Year registered	2016	Discipline	Professional Engineer, Civil	
Contract role(s)/brief description of responsibilities			Assistant Project Engineer	
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).			
9+ years of experience	<p>Mr. Fontenot has more than nine years of experience in civil and structural engineering, construction consulting, and structural inspection and repair. He has performed on-site inspection of structural deficiencies of statewide projects and engineered safe, economic approaches to specific construction problems related to various heavy construction projects. He has significant experience and familiarity with MUTCD, AASHTO, AISC, ACI, and DOTD design manuals and codes.</p> <p>Certifications: Traffic Control Supervisor, Traffic Control Technician</p>			
01/21 - Ongoing	<p>Water Control Structures Design – Iberia Parish, LA</p> <p>Civil/Structural Engineer serving as structural subject matter expert during design of six (6) flap gate water control structures. Mr. Fontenot performed design reviews on wingwall and headwall design as well as is on red team review panel for all structural design elements.</p>			
10/21 - 04/22	<p>Camellia - Settlers Trace Turning Lane – Lafayette, LA</p> <p>Civil/Structural Engineer providing engineering services during construction for Lafayette Consolidated Government. Project features include a dedicated right turn lane and second left turn lane at the intersection of Camellia Boulevard and Settlers Trace Boulevard. Services consist of preparing plans and specifications for construction of the project and performing engineering design and analyses for widening of the concrete roadway, evaluation of the existing drainage infrastructure, and identifying required modifications to the existing drainage system. Additional project features include road striping, sidewalk relocation, and street lighting. Mr. Fontenot served as structural subject matter expert, completing re-design of the catch basin to accommodate changing project needs.</p>			
2016 - 2021	<p>RESTORE Louisiana Homeowners Assistance Program – State of Louisiana</p> <p>Structural Engineer involved with the State of Louisiana’s Restore Louisiana Homeowner’s Assistance Program. Responsibilities included completing inspections of homes that were flagged to have a structural deficiency, including visiting the homes and taking measurements and photographs of deficiencies; creating an assessment report for each home outlining the areas of concern and identifying if the damage was flood-related, presented life safety concerns, or was feasible for repair; quantifying deficiencies and proposed repairs; creating cost estimates for proposed repairs; overseeing a sub-contracted engineering firm that performed similar assessments; reviewing their reports and assisting them with information needed to create the cost estimate; working with the pre-con leads and schedulers to ensure all homes with structural issues were seen to in a timely manner that is consistent with our scope of services; and developing program processes, SOPs, workflows for various program related assignments.</p>			

06/12 - 07/16	<p>H.002550 MacArthur Drive Interchange Completion – Jefferson Parish, LA</p> <p>As an Engineer Intern, Mr. Fontenot assisted with plan and elevation revision, performed quality checks of plans from other firms, designed curtain wall details, and designed overhead sign support addition. Tasks performed included: modification of existing geometric design of baseline for on/off ramps; detailed sections of roadway for graphical grade plans; used current design standards to detail and design curtain wall details for final plans; detailed and designed overhead sign support addition and layout for various locations throughout final design; proposed options for frontage road modifications and layout of roadway beneath bridge structure. Codes used included: AASHTO Roadside Design Guide, AISC Steel Construction Manual, ACI 318-11 Building Code Requirements for Structural Concrete, LADOTD Bridge Design Manual.</p>
06/12 - 07/17	<p>In-Depth Bridge Inspection of Complex Structures – St. Landry Parish, LA</p> <p>As an Engineering Intern, Mr. Fontenot performed in-depth inspection of the deck, superstructure, and substructure of the approach spans on the Krotz Springs Bridge over the Atchafalaya River. In this role, Mr. Fontenot also coordinated meetings between the inspectors; coordinated equipment rentals and staffed personnel; performed bridge inspections; and provided assessment report of bridges including potential repair plans. Codes used included: PONTIS Inspection Manual.</p>
06/12 - 07/17	<p>H.003182 Inner Harbor Canal Bridge Rehabilitation – Algiers, LA</p> <p>As an Engineering Intern, Mr. Fontenot designed traffic control and signage including detour plans and assisted in quantity checks and details for Final Plans. Tasks performed included: used as-built plans and CAD software to layout and design traffic control options and detour paths for temporary lane closure during construction efforts; applied LADOTD Standards for Traffic Management and Signage; and refined and checked rehabilitation details and plans for final submittal. Codes used included: MUTCD, LADOTD Traffic Control Standard Plans, AISC Steel Construction Manual, and ACI 318-11 Building Code Requirements for Structural Concrete.</p>
06/12 - 07/18	<p>I-10 Lake Pontchartrain Bridge Deck Patching & Girder Painting – New Orleans, LA</p> <p>As an Engineering Intern, Mr. Fontenot performed field inspection of all bridges. Created Assessment Report. Designed traffic control and detour plans. Wrote TMP for final submittal. Prepared plans and details for repairs. Tasks performed included: planned for inspection and quantification of bridge deficiencies by preparing traffic control plans and reviewing previous inspection reports; used CAD software to develop detour plans and a TMP for the state's review; performed field inspection; compiled data from the field inspection to create an assessment report; and used as-built plans and current state standards to prepare and detail suggested repairs. Codes used included: MUTCD, LADOTD Traffic Control Standard Plans, AISC Steel Construction Manual, ACI 318-11 Building Code Requirements for Structural Concrete, AASHTO LRFD Bridge Design Specifications, and LADOTD Bridge Design Manual.</p>
10/16 - 08/17	<p>Yscloskey Vertical Lift Bridge Painting – St. Bernard Parish, LA</p> <p>As a Licensed Engineer, Mr. Fontenot assisted with design and details for a paint containment system, survey and geometric site layout of new operator house foundation, and phasing plans for different construction activities. Tasks Performed included: Site survey and layout using total station and automatic level, designed and detailed support system for paint containment, coordination of roadway and water-fairing traffic to optimize productivity during construction activities. Codes used included: AISC Steel Construction Manual, ACI 318-11 Building Code Requirements for Structural Concrete, DOTD Bridge Design Manual.</p>
12/15 - 07/16	<p>Luling Bridge Deck Overlay and Repairs – St. Charles Parish, LA</p> <p>As an Engineer Intern, Mr. Fontenot revised original traffic control plans and diversion crossovers to expedite construction sequencing and feasibility. Updated drainage plan to match revised traffic control. Tasks Performed: geometric Design of Diversion Crossovers, hydraulic analysis of watershed area for new and existing drainage design, traffic control layout and phasing plans throughout the project, assisted construction efforts in the field using survey data and design plans, design of debris screen for sandblasting operations near adjacent traffic, quality control of final plans, quantification of cut/fill and roadway elements for cost estimates. Codes Used: AASHTO Roadside Design Guide, AISC Steel Construction Manual, ACI 318-11 Building Code Requirements for Structural Concrete, MUTCD, DOTD Traffic Control Standard Plans, AASHTO Guide Design Specifications for Bridge Temporary Works, DOTD Hydraulics Manual</p>

16. Staff Experience


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Firm employed by	Royal Engineers and Consultants, LLC			
Name	Laudun Landry, P.E.	Years of relevant experience with this employer	1	
Title	Professional Engineer	Years of relevant experience with other employer(s)	6	
Degree(s) / Years / Specialization	BS / 2017 / Civil Engineering	Active registration number / state / expiration date	45878 / LA / 3-31-2024	
Year registered	2021	Discipline	Professional Engineer, Civil	
Contract role(s)/brief description of responsibilities			Assistant Project Engineer	
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).			
6+ years of experience	Mr. Landry joined Royal Engineers and Consultants, LLC with 5 years experience in civil engineering. Previously employed with DOTD, he was involved in engineering design of bridge structures and reviewing engineering plans and specifications on consultant projects. His experience includes acting as Engineer of Record (H.001666), Bridge Task Manager (H.012031, H.012535, H.014672, H.014323, H.012071, H.014591, H.002337, H.011993), and Design Engineer on various DOTD projects.			
03/22 - Ongoing	Cameron-Creole Maintenance Project (CS-04A) – Cameron Parish, LA Civil/Structural design engineer on Royal project team responsible for all engineering, design, surveying, permitting, and construction administration and oversight services necessary for the maintenance/repair work to the Cameron-Creole Maintenance Project (CS-04A) damaged by Hurricane Laura. Features include: (1) Mangrove Bayou: Water Control Structure and Interior Canal Plug, (2) Grand Bayou: Water Control Structure, Interior Canal Plug, and Levee Breach, (3) Lambert Bayou: Water Control Structure and Levee Breach, and (4) No Name Bayou: Water Control Structure and Levee Breach. General repair activities are inclusive of excavation and dredging of siltation and debris, placement of hauled in fill materials and rip rap, installation of sheet pile wall structures, and mechanical repairs to existing structures. Mr. Landry is performing structural engineering services for Final Design and serves on the Red Team Review panel.			
09/20 - 03/22	H.001666 Dorcheat Bayou Bridge Replacements – Webster Parish, LA (Project experience while employed at DOTD) Civil/Bridge Engineer of Record. This project included engineering to design four replacement bridges on LA 160. The bridges were simple slab span bridges. The project scope included coordination with the road design team to bring the route up to current code, including guard rail design, and alignment adjustments.			
09/20 - 03/22	H.002264 LA 302: Bayou Barataria MB Replacement – Jefferson Parish, LA (Project experience while employed at DOTD) Civil/Structural Design Engineer. This project included the engineering design of a mechanical bridge to replace the existing swing span bridge. Responsible for the structural design and detailing of the replacement bridge’s operator house.			

09/20 - 03/22	<p>Sunshine Bridge Pier 4 Fender Repair – Donaldsonville, LA (Project experience while employed at DOTD)</p> <p>Civil/Bridge Engineer. Project goal was to repair the pier protection fender system on pier 4 of the Sunshine bridge. The existing fender system had been damaged from multiple barge impacts. Responsibilities included reviewing submitted plans and specifications to ensure the designed repair met the requirements set forth by the initial pier protection design as well as current design standards and practice.</p>
09/20 - 03/22	<p>H.001666 Dorcheat Bayou Bridge on LA 160 (Project experience while employed at DOTD)</p> <p>Civil/Bridge Engineer of Record for this project. This project included engineering to design four replacement simple slab span bridges on LA 160. The project scope included coordination with the road design team to bring the route up to current code, including guard rail design, and alignment adjustments.</p>
09/20 - 03/22	<p>H.014323 I-10: Miss River BR Fender Rep. (Pier 6) – East Baton Rouge Parish, LA (Project experience while employed at DOTD)</p> <p>Bridge Engineering task Manager for the rehabilitation / repair of Mississippi River bridge fenders for Pier 6. Mr. Landry's responsibilities included review of plans and specifications to ensure the new repair met the requirements set forth by the original design.</p>
09/20 - 03/22	<p>H.014672 I-12: LA 1032 Overpass Repair – Livingston Parish, LA (Project experience while employed at DOTD)</p> <p>Bridge Engineering Task Manager for the repair of a bridge located on I-12.. Mr. Landry's responsibilities included review of plans and specifications to ensure the repair met the requirements set forth by the original design.</p>
09/20 - 03/22	<p>H.014591 I-12: US 61 Bridges Girder Repairs – East Baton Rouge Parish, LA (Project experience while employed at DOTD)</p> <p>Bridge Engineering Task Manager during the feasibility phase a project to repair girders on I-12 Bridge over US 61. Mr. Landry's responsibilities included document review as well as preparation engineering specifications, data sheets, sketches, and drawings.</p>
09/20 - 03/22	<p>H.011993 LA 10: Bayou Carron Bridge – St. Landry Parish, LA (Project experience while employed at DOTD)</p> <p>Bridge Engineering Task Manager for the replacement of a bridge located in St. Landry Parish along LA 10. Mr.. Landry's responsibilities included review of plans and specifications as well as preparation of structural models, engineering specifications, data sheets, sketches, drawings, and calculations.</p>
09/20 - 03/22	<p>H.002337 LA 327-S: Bayou Fountain – East Baton Rouge Parish, LA (Project experience while employed at DOTD)</p> <p>Bridge Engineering Task Manager for the replacement of a bridge along LA 327-South. Mr. Landry's responsibilities included review of plans and specifications as well as preparation of structural models, engineering specifications, data sheets, sketches, drawings and calculations.</p>
09/20 - 03/22	<p>H.012031 LA 585: Drainage Canal Bridge – East Carroll Parish, LA (Project experience while employed at DOTD)</p> <p>Bridge Engineering Task Manager for the replacement of a simple slab span bridge in East Carroll Parish on LA 585. Responsibilities included review of plans and specifications as well as preparation of structural models, engineering specifications, data sheets, sketches, drawings and calculations.</p>
10/18 - 09/20	<p>Pond 1 Vault Structural Design Package – Mont Belvieu, TX</p> <p>Civil/Structural Engineer Intern on this project, which included engineering to design a new 2000 square foot pump vault as a cast-in-place concrete vault. The project scope included verification of steel design provided by others. Responsibilities included structural design of the concrete vault, reinforcement design, construction sequencing, and sheet pile design. Work included the use of risa-3d structural modeling software.</p>
10/18 - 09/20	<p>Rail Rack Modifications – Adamana, AZ</p> <p>Civil/Structural Engineer Intern on this project, which included structural design of rail rack modifications allowing for the installation of new loading arms and gangways. Responsibilities included structural modeling of new steel and design of foundations for the new construction.</p>
10/18 - 09/20	<p>ST-16 Foundation – Geismar, LA</p> <p>Civil/Structural Engineer Intern on this project, which included engineering to design and install a modified ring wall foundation for a new 103-foot diameter tank inside a secondary containment area. Responsibilities included the verification of secondary containment volume capacity, design of the ring wall foundation, and specification development for the modification of HDPE liner.</p>

16. Staff Experience


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Firm employed by	Royal Engineers and Consultants, LLC			
Name	Ryan Hebert, P.E.	Years of relevant experience with this employer	5	
Title	Professional Engineer	Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization	BS / 2017 / Environmental Engineering	Active registration number / state / expiration date	46577 / LA / 9-30-2024	
Year registered	2018	Discipline	Professional Engineer, Civil	
Contract role(s)/brief description of responsibilities			Construction Engineer	
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).			
5 years of experience	Mr. Hebert is a professional engineer degreed in Environmental Engineering with experience in construction operations for street, sewer, and water systems repair. Specific project experience includes catch basin cleaning, asphalt and pavement patching, ADA project elements, and water and sewer line repairs. For Royal Projects Mr. Hebert provides inspection services as well as project and construction management support. This includes assisting with project scheduling and coordination, quality control, and ensuring retention of administrative records. Certifications: Traffic Control Technician and Traffic Control Supervisor			
07/22 - Ongoing	DOTD Geotechnical Engineering Support – Louisiana Project engineer providing civil/geotechnical engineering support to Thompson Engineering on DOTD projects on an as needed basis. Mr. Hebert is responsible for 811 utility calls, 811 status updates, resource coordination, and contractor coordination. Mr. Hebert has participated in contractor kickoff meetings to discuss work plan, schedule, resources, and availability; has met on site with drillers; has mobilized equipment, marked out sites and re-checked for marked utilities; and has performed ASTM reviews. Projects include DOTD project numbers 22-1102-0099, 22-1102-0100, 22-1102-0101, and 22-1102-0103.			
07/22 - Ongoing	Temporary Site Improvements at Airbase Fire Station – Houma, LA Engineer on Royal team contracted by Terrebonne Parish Consolidated Government (TPCG) to provide engineering design of site improvements for the construction of a temporary fire station facility at the site of an existing fire station building which was badly damaged during Hurricane Ida. Tasks performed include Rational Method analysis and design of site grading and ditches in accordance with the DOTD Hydraulics Manual and TPCG's stormwater design guidelines.			
11/19 - Ongoing	City of New Orleans Roadway Restoration Program CM and Inspection – New Orleans, LA Assistant Project Manager responsible for construction administration and management services for pavement restoration efforts undertaken by the City of New Orleans Department of Public Works (DPW) as part of the CNO Capital Improvement Program. DPW currently has (2) construction contractors (GC's) under contract to perform routine maintenance under a requirements-based contract. These contractors are dispatched on a work order-based system to repair and restore pavement and associated infrastructure. These projects include pavement restoration, utility repair, and replacement (drainage only), sidewalks, ADA-Compliant Ramps, as well as replacement and repair to associated infrastructure.			

02/18 - Ongoing	<p>City-Wide Construction Administration and Resident Inspection Services – New Orleans, LA</p> <p>Associate Inspector for the Royal team contracted by the City of New Orleans Department of Public Works to provide construction management and resident inspection services for roadway restorations of water and sewer service cuts throughout the City. The program consisted of assessing over 30,000, cleaning over 15,000 and repairing over 3,000 catch basins. Also, under the City's contract, Mr. Hebert served as associate inspector for eight full roadway rehabilitations including base excavation and installation, asphaltic concrete mill and overlay, and concrete pavement installation. He regularly assists in project scheduling and coordination and is responsible for maintaining quality control and completion of administrative records.</p>
10/18 - 11/19	<p>Interim Paving Program – New Orleans, LA</p> <p>Assistant Project Manager and Lead Inspector for team providing part time inspection for temporary roadway restorations of water and sewer cuts throughout the city. The program consisted of identifying over 1,000 service cuts and nearly 800 completed repairs in a matter of 6 months. Mr. Hebert is serving as lead inspector and assistant Project Manager and is responsible for maintaining quality assurance and control of all field information captured by inspectors and oversees work order development.</p>
03/17 - 08/18	<p>Pavement Restoration – New Orleans, LA</p> <p>Mr. Hebert was an associate Inspector and assistant project manager of the pavement restoration project for the City of New Orleans. The design consisted of roadway repairs including removal of asphalt surface, pavement patching, and the installation of pedestrian ramps compliant with the Americans with Disabilities Act at all intersections. Mr. Hebert was responsible for quality assurance and control of all information captured in the field and work order development.</p>

16. Staff Experience


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Firm employed by	Royal Engineers and Consultants, LLC			
Name	Courtney Kall, P.E.	Years of relevant experience with this employer	2	
Title	Professional Engineer	Years of relevant experience with other employer(s)	13	
Degree(s) / Years / Specialization	BS / 2007 / Civil Engineering	Active registration number / state / expiration date	37306 / LA / 3-31-2025	
Year registered	2016	Discipline	Professional Engineer, Civil	
Contract role(s)/brief description of responsibilities			Construction Engineer	
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).			
15 years of experience	<p>Mrs. Kall is a knowledgeable and motivated licensed civil engineer skilled in the execution and management of all phases of project operations from design through construction. Consistent with completing projects on schedule and within budget. Exceptional organizational skills. Strong communication skills and ability to problem solve as conflicts arise. Career has focused primarily on serving municipal clients. As a previous employee of St. Bernard Parish Government and an engineering manager for the post-Katrina Infrastructure Rehabilitation Program, she has an inside perspective of the Parish's processes and interests.</p> <p>Certifications: Traffic Control Supervisor, Traffic Control Technician, Certified Flagger</p>			
04/21 - Ongoing	<p>Roadway Restoration for Bayou St. John, Fairgrounds, and Seventh Ward Group B Roads – New Orleans, LA</p> <p>Project Manager on the Royal team contracted by the City of New Orleans to provide construction management services during the nearly \$27 Million FEMA Recovery Roads Project. Ms. Call is responsible for conducting progress meetings, resolving resident complaints, reviewing for approval monthly quantities and pay estimates, assisting in field adjustments, and utilizing knowledge and experience in civil construction to ensure project remains within budget and on schedule.</p>			
04/21 - 04/22	<p>St. Claude Group E – New Orleans, LA</p> <p>AProject Manager on the Royal team responsible for providing the City of New Orleans with Resident inspection, ensuring that the project was completed to the specifications established by the client. Royal also provided construction management for this project, which assisted the City of New Orleans to correct any issues that were found while in the field, as well as ensuring the project was completed on time and within allocated budget.</p>			
04/21 - Ongoing	<p>City of New Orleans Roadway Restoration Program CM and Inspection – New Orleans, LA</p> <p>Project Manager on the Royal team contracted by the City of New Orleans to provide construction management services during construction. Ms. Kall is responsible for overseeing contractors during construction; ensuring the project specifications and plans are being followed. Ms. Kall performs quality control on the contractor's monthly invoices, management of Quality Control personnel, and project funding quality control.</p>			

10/11 - 04/21	<p>Hurricane Katrina Recovery Program: Infrastructure / Pavement Rehabilitation</p> <p>As Project Manager, Mrs. Kall's role involved managing all aspects of various projects from inception through construction and closeout as Owner's representative. Her duties included developing project scopes via damage assessments; acquiring funding approval; developing and implementing hazard mitigation proposals; facilitating proper procurement for design and construction services; managing construction operations and inspection services; providing technical assistance to design teams; reviewing and analyzing project costs for reasonableness and compliance with State reimbursement guidelines; and maintaining overall project schedules and State work deadlines. Projects included water and wastewater treatment plants and systems; infrastructure rehabilitation projects; and other various public works facilities totaling over \$200M.</p> <p>Notable roadway projects involving rehabilitation and full-depth replacement of asphaltic concrete pavement, PCC roadway pavement, PCCP sidewalks and driveways, curb and gutter, and subsurface drainage included: SBPG RD 2010-110, construction cost \$12M (12/11-04/14); SBPG RD 2012-102, construction cost \$9.6M (04/14-10/17); and SBPG RD 2012-103, construction cost \$3.2M (06/14-06/16).</p> <p>During construction, Mrs. Kall's duties included facilitating the resolution of daily field issues and conflicts and coordinating with design engineer, contractor, and inspector; ensuring construction budgets and schedules were maintained and followed; field-verifying monthly quantities for invoice reviews and approvals; and implementing change orders, including securing the funding, for additional eligible work identified in the field.</p>
01/08 - 10/11	<p>Hurricane Katrina Recovery Program – Plaquemines Parish, LA</p> <p>Mrs. Kall served as Project Manager providing administrative and program management services for FEMA-funded projects in Plaquemines Parish. Projects included the restoration and/or replacement of fire stations, public auditoriums, recreational facilities, marinas, sewer lift stations, Parish-wide sewer lines, and water and wastewater treatment plants totaling approximately \$50 million.</p>
01/08 - 10/12	<p>Staff Engineer for Various Projects – New Orleans, LA</p> <p>Mrs. Kall served as Staff Engineer, Project Design Team for several local project, including the South Claiborne Avenue Streetscape Project, City of New Orleans Street enhancement program on Claiborne Avenue between Martin Luther King, Jr. Blvd. and Napoleon Ave., a vital commercial corridor.</p>

16. Staff Experience


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Firm employed by	Royal Engineers and Consultants, LLC			
Name	David Schroeder	Years of relevant experience with this employer	17	
Title	Director of Construction Operations	Years of relevant experience with other employer(s)	13	
Degree(s) / Years / Specialization	1995 / Utility Engineering Construction Operations	Active registration number / state / expiration date	N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s)/brief description of responsibilities			Construction Manager	
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).			
30+ years of experience	<p>Mr. Schroeder has significant experience delivering major construction and infrastructure projects. He is a seasoned project and construction manager who has successfully completed various road and bridge construction projects in Southeast Louisiana. Mr. Schroeder provides QA/ QC leadership for Royal projects and programs, supports project design teams with utility design and coordination, and ensures compliance with plans and specifications during construction. Projects have included federal, state, and local roadways, management of street light operations, underground utility studies, and associated permitting activities, including oversight of the USACE certification process.</p> <p>Certifications: Traffic Control Supervisor, Traffic Control Technician, Certified Flagger</p>			
11/19 - Ongoing	<p>City of New Orleans Roadway Restoration Program CM and Inspection – New Orleans, LA</p> <p>Senior Construction Manager on the Royal team contracted by the City of New Orleans Department of Public Works (DPW) to provide Construction Management and QC Services for the FEMA related roadway program which includes associated subsurface drainage, sewerage, and water repairs. Construction services are being performed by multiple contractors under contract by DPW and overseen by Royal. Royal is providing all construction management, data management, reporting, platform deployment, quality assurance, administration, pay applications, and closeout services. Staff includes on-site and back-office support personnel including qualified Construction Managers and QC personnel.</p>			
03/07 - 10/09	<p>Roadway Restoration Project – St. Bernard Parish, LA</p> <p>QA/QC Manager on team contracted by St. Bernard (SBP) to perform civil engineering, QC, inventory, and construction management services. Specifically, Royal produced comprehensive cost estimates and CPM schedules to execute its engineering design services as well as construction management services for multiple construction contracts. These projects include the restoration of all concrete and asphalt roadways, including associated infrastructure that suffered damage in St. Bernard Parish during Hurricane Katrina and the recovery process. Mr. Schroeder led the team to perform an inventory of damaged roadways and associated infrastructure.</p>			

11/11 - Present	<p>St. Bernard Parish Bridge Design / Canal Crossings – St. Bernard Parish, LA</p> <p>Construction Manager for the Royal team contracted by St. Bernard Parish Government to provide Engineering Services for repairs, restorations and replacement of Parish owned roadway and canal crossings to their Pre-Katrina condition while preserving the historical value/intent of each facility. Mr. Schroeder oversees engineering and construction management responsibilities during the Construction phase, which consists of all planning and coordination with the contractor, starting with a Preconstruction meeting and progress meetings with all project associated personnel, through project close-out and all construction activities.</p>
11/10 - 08/11	<p>Bloski Avenue Extension – Belle Chasse, LA</p> <p>QA/QC Manager on team contracted by The United States Navy Naval Facilities Engineering Command Southeast (NAVFAC) to construct a new asphalt roadway to serve personnel aboard the Naval facility. Bloski Avenue Extension brings the current existing roadway 1300 feet across an area which was the former base golf course. Mr. Schroeder was responsible to provide on-site quality assurance support and inventory maintenance.</p>
03/02 - 10/02	<p>N. Causeway Boulevard Roadway Improvements – New Orleans, LA</p> <p>Resident Inspector for the N. Causeway Boulevard Improvements Project from Veterans Boulevard to the Toll Plaza at Lake Pontchartrain, approximately 5,676 linear feet of roadway. The project consisted of the adding of two new lanes to the existing roadway, the milling and overlay of three existing asphalt lanes plus turning lanes, and associated traffic control, street lighting, traffic signalization equipment, drainage, and site restoration. Mr. Schroeder was responsible for construction management, scheduling, and reporting.</p>

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	Royal Engineers and Consultants, LLC			
Name	Chad Albert	Years of relevant experience with this employer	1	
Title	Senior Project Manager	Years of relevant experience with other employer(s)	15	
Degree(s) / Years / Specialization	BS / 2007 / Construction Management	Active registration number / state / expiration date	N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s)/brief description of responsibilities			Construction Manager	
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).			
15+ years of experience	Mr. Albert has more than 15 years of experience in construction, operations, and project management. He has significant experience in field and office operations for projects across the state. Mr. Albert has completed projects for LADOTD, FEMA, and various other local government agencies. He is responsible for field reports, quantities books, daily reports, quantities, and change orders. Certifications: Traffic Control Supervisor, Traffic Control Technician, Certified Flagger			
08/21 - Ongoing	City of New Orleans Roadway Restoration Program CM and Inspection – New Orleans, LA Project Manager on the Royal team contracted by the City of New Orleans to provide construction management services during construction. Mr. Albert is responsible for overseeing contractors during construction; ensuring the project specifications and plans are being followed. Mr. Albert performs quality control on the contractor's monthly invoices, management of Quality Control personnel, and project funding quality control.			
02/19 - 08/21	Operations Manager for Various Projects – Statewide As Operations Manager Mr. Albert's responsibilities included overseeing and managing all aspects of business; discussing business/project opportunities with owner; and managing all aspects of projects from pre-construction to completion. Daily tasks included estimating, scheduling crews, tracking budgets, communicating with GC's. Mr. Albert holds current Louisiana Licensing Board DACP License for Building Construction; Heavy Construction; Highway, Street and Bridge Construction; Municipal and Public Works Construction; and Residential Building Construction. LADOTD Project Included: H.013211 / LA 46: LA 39 – St. Bernard; H.009804 / Kenner S. Williams Streetscape; H.013746 / US 90 I-10 Service Road – LA 39			
08/11 - 02/19	Project Manager and Estimator for Various Projects – Statewide As Project Manager and Estimator, Mr. Albert's responsibilities included managing all aspects of projects from preconstruction to completion for all of NOLA Division; managing and overseeing all day-to-day operations of NOLA Division; daily tasks include estimating, scheduling crews, tracking budgets, subcontractor cost/ coordination and communicating with owners; and overseeing profit and loss for jobs and ensure projects are built on-time, according to plans/specs and within budget. LADOTD Projects Included: H.011322 / US 61 @ 3155 M&O; H.012742 / I-10 N Service Rd: Dwyer-Paris Rd; H.011622 / I-910: Ramps; H.012742 / LA 46: Orleans Parish – Paris Rd; H.013240 / LA 48: Oak Ave-Bailey St.; H.010257 / Grade Raising I-10 Ramps @ 3188; H.012379 / LA 3228; H.007546 / St. Bernard Multi-Use Path, Ph 1 & 2; H.004730 / US 61/90(Tulane): Claiborne-Carrolton; H.011516 / US 90 @ LA 182; H.011311 / US 90B: Elev WB Expy – Jung Blvd; H.009713.6 / Path to Progress Jeff Parish (Barriere); H.009718.6 / Path to Progress Orleans Parish (Boh Bros); H.007211.6 / Ames Blvd Rehab; H.003641 / I-59 Rest Area; H.000327.6 / Ormond Blvd; H.011167.6 / Howard Ave Service Rd			

12/09 - 07/11	<p>Quality Control Manager / Field Engineer / Superintendent for Various Projects – Kenner, LA</p> <p>As QC Manager, Field Engineer, and Superintendent, Mr. Albert was involved in all phases of construction from start to finish. Daily tasks included traffic control, quality control, daily reports, quantity and budget updating, scheduling, the overall planning of subcontractor work, RFIs, submittals, weekly progress meetings, and cost/ budget tracking. In this role, Mr. Albert worked on numerous USACE projects ensuring quality control, owner communication, daily QC reports and various other USACE requirements.</p>
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16. Staff Experience


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Firm employed by	Royal Engineers and Consultants, LLC			
Name	Jeffery Monfrey	Years of relevant experience with this employer	>1	
Title	Certified Inspector	Years of relevant experience with other employer(s)	26	
Degree(s) / Years / Specialization		Active registration number / state / expiration date	N/A	
Year registered		Discipline	N/A	
Contract role(s)/brief description of responsibilities			LADOTD Certified Inspector	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
26 years of experience	Mr. Monfrey is a Certified Inspector with 26 years of construction and field inspection experience. Certifications: LaDOTD Structural Concrete Inspector, LaDOTD Embankment and Base Course Inspector, LaDOTD PCC Paving Inspector, and LaDOTD Asphalt Paving Inspector/Technician. Bridge Inspector’s Training Course. ATSSA Work Zone Traffic Control Supervisor, Technician, and Flagger. Transportation Worker Identification Credential (TWICC)			
02/19 - 04/23	JPPW No. 2013-011-RB: Causeway Boulevard Overpass of Airline Drive Mr. Monfrey provided resident inspection for this project which included the rehabilitation of Ramps 6, 7, and overpass of Causeway Boulevard Overpass at Airline Drive. Mr. Monfrey’s responsibilities included the observation of construction activities for structure jacking, span movement, reinforced concrete riser construction, girder strengthening, bridge deck joint sealing, epoxy-urethane overlay, and bridge drainage rehabilitation. Mr. Monfrey prepared daily reports, inspecting the progress of the work to ensure that the Contractor complies with the requirements of the plans and specifications, and attended all progress meetings. He is also compiled a list daily of work performed and the comparison of quantities installed with the Contractor.			
12/18 - 07/20	GNOEC NO. 433: Southbound Causeway Safety Rail Improvements Mr. Monfrey provided resident inspection for the improvement of the existing bridge railing system to MASH Test Level 4, the repair of damaged concrete railing, replacement of impact attenuators, relocation of signs and supports, modification of call boxes, installation of pavement markings, and installation of access platforms. Construction Administration included organization of progress meetings, review of submittals (e.g., Construction Schedules, RFIs, Plan Changes, and Materials), and processing of partial pay estimates. Resident Inspection included observation of construction activities (e.g., 48 miles of bridge rail fabrication and installation, 138,000 epoxied anchor rods, and repair of damaged concrete rail), production of daily reports, review of TTC installation/removal, and review of on-site safety.			
04/19 - 06/20	DOTD SP NO. H.011795: Westwood Drive (WB Expressway to Lapalco) Mr. Monfrey provided construction inspection for the construction of 0.648 miles of roadway which includes 20,516 SY of Portland Cement Concrete Pavement with barrier curb, mountable curb and gutter. This project included Class II base course, drainage pipes and structures, sanitary sewer and related work, and tie-in to the existing Westbank Expressway on the north end and Lapalco Blvd. on the south end. Mr. Monfrey’s responsibilities included maintaining all construction field records; making daily entries in the project diary to indicate the contractor’s personnel and equipment being utilized on the project, the work being accepted, and the acceptability of traffic control; and the charging of contract time.			

10/19 - Ongoing	<p>RR004 Bayou St. John, Fairgrounds, Seventh Ward Group B – New Orleans, LA</p> <p>As part of a construction administration and resident inspection contract with the City of New Orleans Department of Public Works, Royal provided construction management services for the construction of \$23M FEMA-funded roadway improvements, one of the largest in the City. The project area covers 110 city blocks and construction is estimated to include 29,000 square yards (SY) of asphalt, 18,000 SY of concrete, and will require replacement of roadway pavement, water lines, sewer lines, and drainage. The work also includes modifications to improve consumer mobility as it relates to the Americans with Disabilities Act (ADA).</p> <p>Royal has been tasked with Construction Administration, Resident Inspection, and Overall Construction Management and is providing field management of the contractor and all construction activities, including conducting progress meetings, resolving resident issues, reviewing and approval of monthly pay estimates, field adjustments and applying knowledge and experience in civil construction to ensure the project remains on schedule and budget. Responsibilities include monitoring construction activities to determine and document the progress of the project and compliance with the construction contract, the City's standards and policies, and with an emphasis on site safety, the timely review of submittals, shop drawings, samples, substitute materials, value engineering proposals, the timely rejection of all non-conforming work and materials, the application of work forces to particular portions of the work, the conformance of the work to the construction contractor's schedule, the timely execution of the work, and conducting required interviews of the Construction Contractor. As a Lead inspector, Mr. Monfrey has been responsible for leading a team of inspectors who ensure all construction activities are documented and material quantities are in-place as well as the evaluation of the Construction Contractor payment requests. He also monitors, tests, and maintains, records for all quality testing, and ensures daily inspection reports are submitted, and observes the jobsite safety program.</p>
10/18 - 03/20	<p>DOTD SP No. H007271.6: Canal Boulevard (Robert E. Lee – Amethyst) (CE&I)</p> <p>Mr. Monfrey provided construction inspection for the reconstruction of an existing four (4) lane divided boulevard. This project included grading, drainage structures, milling asphalt pavement, pavement patching, Class II base course, scarifying and compacting roadbed, asphalt concrete pavement, Portland Cement Concrete Pavement, cofferdams, stormwater pumping station, pavement striping, sign and legends and symbols. Mr. Liuzza's responsibilities on this project included responding to RFIs, performing periodic site visits, considering and negotiating change orders, performing substantial completion inspections, and quickly responding to limit the effect of often encountered unforeseen site conditions. The entire construction contract administration and construction engineering and inspection for this project was managed through LaDOTD SiteManager.</p>
01/11 - 12/15	<p>Lake Pontchartrain Causeway Bascule Control System Replacement, GNOEC, St. Tammany & Jefferson Parishes, LA – New Orleans, LA</p> <p>Mr. Monfrey was the Mechanical Inspector for this project. This project consisted of designing a replacement control system to allow operator control of the bascule bridge system at the North Channel of the Lake Pontchartrain Causeway. Mr. Monfrey performed inspection of the control system to make sure it retained all mechanical interlocks as well as operating procedural interlocks.</p>
06/95 - 08/06	<p>DOTD Bridge Inspections - District Wide</p> <p>Mr. Monfrey was the lead inspector that supervised a team of inspectors performing Inspection of bridge substructures (piers, columns, etc.), superstructure (girders, trusses, etc.) and decking (roadway surface, bridge rails, etc.) and to repair and/or replace bridges for all fixed and moveable bridges (On & Off Systems) for the entire District 02 area in Louisiana.</p>
10/07 - 02/13	<p>DOTD SP NOS., 006-01-0012, 003-01-0018, 006-01-0021, 006-01-0022: Huey P. Long Bridge Widening – Jefferson Parish, LA</p> <p>Mr. Monfrey was a Senior Bridge Inspector assigned to the Huey P. Long Bridge widening projects. He supervised the inspection of structural steel erection and bolting, structural concrete construction, embankment and base course construction, concrete paving, and asphaltic concrete paving.</p>

16. Staff Experience


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Firm employed by	Royal Engineers and Consultants, LLC			
Name	Ryan Schellhaas	Years of relevant experience with this employer	10	
Title	Senior Project Manager	Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization	AD / Ongoing / Applied Science	Active registration number / state / expiration date	N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s)/brief description of responsibilities			LADOTD Certified Inspector	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
10 years of experience	<p>Mr. Schellhaas’ capabilities in developing and maintaining productive relationships with clients, developers, architects, engineers, contractors, government officials, and project personnel have proven key to successful project execution. His survey experience includes levee and lagoon systems, and his inspection and management experience includes construction operations of catch basin cleaning, asphalt and pavement patching, ADA compliance, street light management and water and sewer line repairs.</p> <p>Certifications: Traffic Control Supervisor, Traffic Control Technician, Certified Flagger, Embankment and Base Course Inspector; Certified USACE Construction Quality Management for Contractors</p>			
10/20 - Ongoing	<p>Roadway Restoration for Bayou St. John, Fairgrounds, and Seventh Ward Group B Roads – New Orleans, LA</p> <p>Lead Inspector responsible for directing resident inspection services for the City of New Orleans Department of Public Works. He provides oversight of inspectors assigned to the project and ensures daily work reports and logs are accurate. He inspected and updated quantities for all approved materials used to complete construction. Mr. Schellhaas was also responsible for site management, which included documenting the progress of work, and ensuring the site is barricaded and taped off properly.</p>			
11/19 - Ongoing	<p>City of New Orleans Roadway Restoration Program CM and Inspection – New Orleans, LA</p> <p>Project Manager on the Royal team contracted by the City of New Orleans Department of Public Works (DPW) to provide construction management and resident inspection services for the Federal Emergency Management Agency (FEMA) Roadway Restoration Program. This project includes restoration of parish concrete and asphalt roadways and associated infrastructure (i.e., sidewalks, driveways, drainage, sewer, and water) that suffered damage during Hurricane Katrina. Construction services are being performed by multiple contractors under contract by DPW and overseen by Royal. Royal is providing all construction management, data management, reporting, platform deployment, quality assurance, administration, pay applications, and closeout services. Royal is providing all construction management, data management, reporting, platform deployment, quality assurance, administration, pay applications, and closeout services. Staff includes on- site and back-office support personnel including qualified Construction Managers and Resident Inspectors. Mr. Schellhaas performs quality control on the contractor’s monthly invoices, management of resident inspectors, and project funding quality control.</p>			

03/07 - 10/09	<p>Roadway Restoration Project – St. Bernard Parish, LA</p> <p>Project Inspector on the Royal team contracted by the St. Bernard Parish Government for the Roadway Restoration Program. Royal was contracted to engineer, design, and provide construction management services for all Parish roads. This project included restoration of all concrete and asphalt roadways, including associated infrastructure (i.e., sidewalks, driveways, drainage, sewer, and water) that suffered damage in SBP during Hurricane Katrina and the recovery process. The restoration of the roadways and infrastructure was limited to Parish roadways and did not include State and Federal Roadways. Mr. Schellhaas was responsible for managing any additional work on the job site that occurred once the contractor had started his approved work. He inspected and updated quantities for all approved materials used to complete construction. Mr. Schellhaas was also responsible for site management, which included documenting the progress of work, and ensuring the site was barricaded and taped off properly.</p>
09/19 - 03/20	<p>MaxPave Roadway Program: PM/CM of Utility Rehabilitation – New Orleans, LA</p> <p>Assistant Project Manager on the Royal team for the City of New Orleans Department of Public Works Max Pave Program. The objective of this project was to complete as many of these work orders that the funding allowed in a condensed 7- month period. DPW hired Royal to manage the entire project from start to finish. As Assistant Project Manager Mr. Schellhaas was responsible for scheduling field inspectors, daily oversight of the job site, quality control, reviewing, and preparation of contractor invoices.</p>
04/18 - 02/20	<p>St. Gabriel Roadway Repair – St. Gabriel, LA</p> <p>Administrative Support on the Royal team contracted by the City of St. Gabriel to provide engineering services for the restoration of four roadways and the full re-construction of one roadway. Royal provided construction management during the construction phase, assisted in design alterations during construction, and helped produce as-built drawings for post-construction closeout. Mr. Schellhaas was responsible for the preparation of frontend documents for the St. Gabriel roadway repair project.</p>
02/11 - 01/17	<p>Regional Transit Authority Streetcar Expansion Program – New Orleans, LA</p> <p>The Lead Inspector on the Royal team contracted by the Regional Transit Authority (RTA) for Phase II of the Streetcar Expansion Program. Mr. Schellhaas assisted in project scheduling, coordination, and maintaining quality control of general oversight and completion of administrative records.</p>
05/16 - 05/19	<p>Streetlight Management Services – New Orleans, LA</p> <p>Project Inspector on the Royal team for the City of New Orleans Department of Public Works (DPW) Streetlight Management Services. Royal is responsible for street light operations in the City of New Orleans. The project entails managing a work order system to track and assign all work to the city designated streetlight repair contractor. Royal coordinates all customer reports and third-party activities, patrols for outages and repair needs, and oversees all routine and non-routine maintenance work. The team also performs GIS mapping of streetlights and underground circuits and maintains an inventory of all contractor stored city-owned materials. Mr. Schellhaas was responsible for uploading and editing data to the ARCHMAP GIS 10.1 program, and crew management.</p>

16. Staff Experience

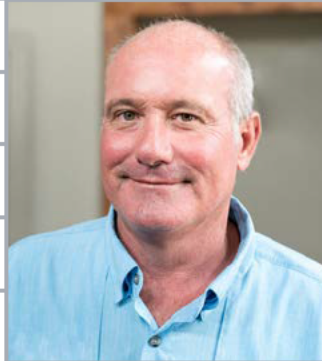
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Firm employed by	Royal Engineers and Consultants, LLC			
Name	Chaz Dunn	Years of relevant experience with this employer	2	
Title	Lead Inspector	Years of relevant experience with other employer(s)	9	
Degree(s) / Years / Specialization	BS / Geology / 2012	Active registration number / state / expiration date	N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s)/brief description of responsibilities			LADOTD Certified inspector	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
10 years of experience	Certifications: OSHA 10–Hour Road Construction and Infrastructure Certified, Hazmat Certification from Troxler, Nuclear Gauge Safety Certification, Traffic Control Supervisor LA State, LADOTD Asphalt Paving Certified			
08/21 - Ongoing	City of New Orleans Roadway Restoration Program CM and Inspection – New Orleans, LA Inspector on the Royal team contracted by the City of New Orleans Department of Public Works (DPW) to provide Construction Management and Resident Inspection Services for the FEMA related roadway program which includes associated subsurface drainage, sewerage, and water repairs. Construction services are being performed by multiple contractors under contract by DPW and overseen by Royal. Royal is providing all construction management, data management, reporting, platform deployment, quality assurance, administration, pay applications, and closeout services. Staff includes on-site and back-office support personnel including qualified Construction Managers and Resident Inspectors.			
10/19 - Ongoing	Roadway Restoration for Bayou St. John, Fairgrounds, and Seventh Ward Group B Roads – New Orleans, LA Royal has been contracted to provide Construction Administration, Resident Inspection, and Overall Construction Management for the City of New Orleans Department of Public Works for the construction of \$23M FEMA-funded roadway improvements, one of the largest in the City. The project area covers 110 city blocks and construction is estimated to include 29,000 square yards (SY) of asphalt, 18,000 SY of concrete, and will require replacement of roadway pavement, water lines, sewer lines, and drainage and includes modifications to improve consumer mobility as it relates to the Americans with Disabilities Act (ADA). Royal is providing field management of the contractor and all construction activities, including conducting progress meetings, resolving resident issues, reviewing and approval of monthly pay estimates, field adjustments and applying knowledge and experience in civil construction to ensure the project remains on schedule and budget. Responsibilities include monitoring construction activities to determine and document the progress of the project and compliance with the construction contract, the City's standards and policies, and with an emphasis on site safety, the timely review of submittals, shop drawings, samples, substitute materials, value engineering proposals, the timely rejection of all non-conforming work and materials, the application of work forces to particular portions of the work, the conformance of the work to the construction contractor's schedule, the timely execution of the work, and conducting required interviews of the Construction Contractor. As Royal's resident inspector, Mr. Dunn documents all construction activities and material quantities in-place as well as assisting in the evaluation of the Construction Contractor payment requests. He also monitors, tests, and maintains, records for all quality testing, submits daily inspection reports, and observes the jobsite safety program.			

10/22 - Current	<p>Construction Management Services for Jourdan Rd Wharf Terminal Substructure Repairs, Port of New Orleans</p> <p>Royal has been contracted to provide construction management services, including constructability reviews, document control, field representation, supporting Port NOLA with project close out for the repair of the substructure of the wharf at the Jourdan Road Terminal on the Gulf Intracoastal Waterway in New Orleans. The existing wharf is more than 40 years old, measures 1,400 linear feet long by 265 feet wide consisting of pre-cast and cast-in-place deck elements supported by 2,000 open-ended steel pipe piles which are 14" and 16" in diameter with a 3/8" wall thickness and contain a fibrous jacket on the top 6 to 8 feet that is known to contain asbestos. The delivery method for the project is Construction Management at Risk (CMAR). As Royal's resident inspector, Mr. Dunn documents all construction activities and material quantities in-place as well as assisting in the evaluation of the Construction Contractor payment requests. He also monitors, tests, and maintains, records for all quality testing, submits daily inspection reports, and observes the jobsite safety program.</p>
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16. Staff Experience


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Firm employed by	Royal Engineers and Consultants, LLC			
Name	Daniel Guidry	Years of relevant experience with this employer	2	
Title	Lead Inspector	Years of relevant experience with other employer(s)	32	
Degree(s) / Years / Specialization	N/A	Active registration number / state / expiration date	N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s)/brief description of responsibilities			Inspector	
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).			
34 years of experience	<p>Inspection experience includes roadway (Asphalt, Concrete, Chip seal, Lime, Soil Cement, Cement Slurry, Curb, Sidewalks, Driveways, and Glasgrid / Glaspav); bridge, airport taxiway, water, sewer, drainage (RCP, RCPA, Plastic, Box Culverts, and Conspan) structures, as well as electrical installations, for state (DOTD), city, parish, and private projects. Typical roles have included superintendent, project manager, estimator and lead inspector responsible for oversight of installations, keeping up with material quantities and project records. Mr. Guidry served in these capacities for Glen Lege' Construction for 5 years, Elliott Construction for 5 years; H&S Construction for 9 years, and for Guidry Construction for 15 years. During this time, projects included Daigle Street Improvements; Facile Rd Bridge Replacement; Camellia Blvd Ph. 2 & 3; Settlers Trace Blvd Ph. 1; Teurling Dr (Willow St to E. Alexander); DOTD Hwy 167 Mill, Patch, and Overlay; DOTD Hwy 1252 Reconstruct; And Multiple Subdivision in Lafayette and surrounding City and Parishes</p> <p>Courses Completed: Traffic Control Supervisor Course, LCG Inspector Course</p> <p>Certifications: Concrete Roadway Certification, Asphaltic Roadway Certification</p>			
09/19 - 08/20	<p>Lafayette Regional Airport, General Aviation Development Infrastructure – Lafayette, LA</p> <p>Resident Project Representative on the Royal team responsible for the recently completed General Aviation Development Infrastructure project consisting of a utility corridor for the new General Aviation hangar, which included the installation of water, fire water, sanitary sewer (gravity and force main), communication (fiber optic), electric, and gas utilities. The Project included a booster pump system and associated pump house for the fire water utility system and a lift station for the sanitary sewer utility system. The Project also included storm water drainage system improvements, fencing and gate improvements, security improvements, removal and disposal of existing pavement materials, repaving of disturbed areas, and installation of pavement markings. Responsibilities included providing daily reports with photographs of progress, tracking installed material quantities, reviewing contractor pay applications for accuracy, coordinating with the design engineer on requests for information, monitoring contract and weather days, observing required testing procedures and attending weekly progress meetings.</p>			

03/17 - 12/19	<p>Lafayette Regional Airport, Taxiway F Phase II Enabling Project – Lafayette, LA</p> <p>Resident Project Representative for the Taxiway F Phase II and Taxiway J Emergency Reconstruction project which consists of realigning Taxiway F between Taxiway B and Taxiway L at Lafayette Regional Airport. Phase I reconstructed the existing Taxiway F between Runway 4L and Taxiway B. Phase II created a full-length parallel taxiway for Runway 4L-22R. The scope of this project also includes the addition of a connector taxilane to extend Taxilane A to provide access to the new Terminal, drainage improvements, airfield lighting and signage, relocation of existing Airport Surveillance Radar cables, and lowering of a portion of the existing Instrument Landing System cable. Reconstruction and realignment of Taxiway L is included as an additive alternate on this project. In addition to realigning Taxiway F, a portion of Taxiway J will also be reconstructed. Approximately 255-ft the taxiway starting near its connection to Runway 22L and proceeding westward is experiencing pavement distress in the form of full depth cracks and lateral movement of the surface course. Responsibilities included providing daily reports with photographs of project progress, tracking installed material quantities, reviewing contractor pay applications for accuracy, coordinating with the design engineer on requests for information, monitoring contract and weather days, observing required testing procedures and attending weekly progress meetings.</p>
11/21 - Ongoing	<p>Lafayette Regional Airport, Taxiway F Phase III Enabling Project – Lafayette, LA</p> <p>Resident Project Representative for the Taxiway Foxtrot Phase III construction project located at the Lafayette Regional Airport included the creation of a parallel taxiway for Runway 4L-22R and a connector taxilane to extend Taxilane A to provide access to the new terminal. Responsibilities include providing daily reports with photographs of project progress, tracking installed material quantities, reviewing contractor pay applications for accuracy, coordinating with the design engineer on requests for information, monitoring contract and weather days, observing required testing procedures and attending weekly progress meetings.</p>

16. Staff Experience


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Firm employed by	Royal Engineers and Consultants, LLC			
Name	Paul Junker	Years of relevant experience with this employer	9	
Title	Inspector	Years of relevant experience with other employer(s)	8	
Degree(s) / Years / Specialization	N/A	Active registration number / state / expiration date	N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s)/brief description of responsibilities			Inspector	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
17 years of experience	Certifications: Certified Flagger			
10/20 - Ongoing	<p>Resident Inspection for City of New Orleans Roadway Construction Projects – New Orleans, LA Project Inspector on the Royal team contracted by the City of New Orleans Department of Public Works (DPW) to provide construction management and resident inspection services for the bond-funded Roadway Restoration Program. As a project inspector, responsibilities include the oversight of contractors in the field, inspecting work product to project drawings/ specifications, schedule compliance, and site safety.Mr. Junker provided resident inspection services for more than 20 projects, including the following completed projects:</p> <p>Tullis Drive, \$190K: drainage point repairs, water line repairs, concrete roadway restoration, ADA ramps, sidewalk repairs, catch basin repairs.</p> <p>Blair Street Repair, \$304K: drainage point and water line repairs, concrete roadway restoration, ADA ramps, sidewalk repairs, catch basin repairs.</p> <p>Belleville Street Repair, \$410K: drainage point repairs, water line repairs, asphalt pavement full depth repairs, mill and overlay asphalt roadway, ADA ramps, sidewalk repairs, catch basin repairs</p> <p>Aurora Drive Repair, \$330K: ditch shaping, drainage point repairs, water line repairs, asphalt roadway restoration, mill and overlay of asphalt roadway, ADA ramps, sidewalk repairs, catch basin repairs.</p> <p>General Meyer, \$1.2M: drainage point repairs, water line repairs, concrete roadway restoration, ADA ramps, sidewalk repairs, catch basin repairs.</p> <p>French Quarter Municipal District, \$2M: drainage point repairs, water line repairs, concrete roadway restoration, ADA ramps, sidewalk repairs, catch basin repairs, manhole repairs</p>			
05/16 - 05/19	<p>Streetlight Management Services – New Orleans, LA Project Inspector on the Royal team for the City of New Orleans Department of Public Works (DPW) Streetlight Management Services. Royal is responsible for street light operations in the City of New Orleans. The project entails managing a work order system to track and assign all work to the city designated streetlight repair contractor. Meanwhile training new inspectors on all processes, documentation, and safety regulations. Mr. Junker performs inspections and condition assessments of street light fixtures and poles throughout the city while documenting all findings for DPW.</p>			

08/17 - 08/19	<p>Emergency Catch Basin Cleaning and Repair – New Orleans, LA</p> <p>Project Inspector on the Royal team for the City of New Orleans Department of Public Works (DPW) Emergency Catch Basin Cleaning and Repair Program. Royal provided over 50 inspectors with supporting construction administration personnel for the cleaning of more than 15,000 catch basins in 120 calendar days within the City of New Orleans. Mr. Junker performed inspections and condition assessments of catch basin cleaning and repairs and completed all associated documentation of findings. Resident Inspection services included resident construction inspection and oversight. The resident inspection was required at all locations under construction and at all times the contractor was working on critical work items (i.e. pay items, inspect and appropriately track eligible work, ensure work does not adversely affect adjacent areas and/or property, etc.).</p>
05/16 - 05/19	<p>MaxPave Roadway Program: PM/CM of Utility Rehabilitation – New Orleans, LA</p> <p>Project Inspector on the Royal team responsible for performing resident inspection services for the CNO DPW and SWBNO combined utility rehabilitation initiative, which involved 50 to 75 service cuts weekly to conduct the needed point repairs to the sewer and water infrastructure. Responsibilities included observation of all construction activities for critical work items; preparation of daily field reports; collection and organization of photographic evidence of documenting work progress; preparing detailed reports; documentation of unforeseen items encountered during construction and corresponding coordination with DPW for these items.</p>
02/10 - 08/12	<p>Roadway Restoration Program – St. Bernard Parish, LA</p> <p>Project Inspector, Paul Junker, was responsible for oversight of construction contractors, inspection of the construction process and finished product, comparison of the work product to project drawings and specifications, schedule compliance, and site safety. This project included restoration of parish concrete and asphalt roadways and associated infrastructure (i.e. sidewalks, driveways, drainage, sewer, and water) that suffered damage during Hurricane Katrina. Approximately 50 miles of roadway were replaced according to State and Federal standards.</p>

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	Royal Engineers and Consultants, LLC			
Name	Lori Barrilleaux	Years of relevant experience with this employer	5	
Title	Field Inspector	Years of relevant experience with other employer(s)	17	
Degree(s) / Years / Specialization	AD / Drafting	Active registration number / state / expiration date	N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s)/brief description of responsibilities			Inspector	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
22 years of experience	Ms. Barrilleaux has more than 20 years of experience providing field inspection services throughout New Orleans. Her experience includes observing construction, providing on-site quality assurance, preparing daily field reports, inspecting work product in accordance with drawings and specifications, and photographing and documenting work progress. Certifications: Certified Flagger			
11/19 - Ongoing	City of New Orleans Roadway Restoration Program CM and Inspection – New Orleans, LA Project Inspector on the Royal team contracted by the City of New Orleans Department of Public Works (DPW) to provide construction management and resident inspection services for the Federal Emergency Management Agency (FEMA) Roadway Restoration Program. This project includes restoration of parish concrete and asphalt roadways and associated infrastructure (i.e., sidewalks, driveways, drainage, sewer, and water) that suffered damage during Hurricane Katrina. Construction services are being performed by multiple contractors under contract by DPW and overseen by Royal. Royal is providing all construction management, data management, reporting, platform deployment, quality assurance, administration, pay applications, and closeout services. Ms. Barrilleaux is responsible for the oversight of contractors in the field, inspecting work product to project drawings/ specifications, schedule compliance, and site safety.			
04/18 - 02/20	St. Gabriel Roadway Repair – St. Gabriel, LA Project Inspector on the Royal team contracted by the City of St. Gabriel to provide Construction Management and Engineering Services for the restoration of four roadways and the full re-construction of one roadway. As project inspector, Ms. Barrilleaux was responsible for observing construction at all times the contractor is working on critical work items; providing on-site quality assurance; inspecting, measuring, and appropriately tracking (eligible) work completed for pay requests; ensuring work did not adversely affect utilities, adjacent areas and/or property, etc.; preparing daily field reports, and/or field books; photographing and/or documenting work progress; verifying contractor provided adequate traffic control and site safety procedures; and preparing incident reports.			

10/19 - Ongoing	<p>Roadway Restoration for Bayou St. John, Fairgrounds, and Seventh Ward Group B Roads – New Orleans, LA</p> <p>Project Inspector on team responsible for providing Construction Administration, Construction management as well as Resident inspection services for the City of New Orleans Department of Public Works. Ms. Barrilleaux performed daily inspections on roadway rehabilitations, including base excavation and installation, asphaltic concrete mill and overlay, and concrete pavement installation.</p>
10/20 - 11/20	<p>Clarence Henry Truckway Turnaround Pavement Rehabilitation – New Orleans, LA</p> <p>Project Inspector on the team that provided construction management and resident inspection for the project that set up a detour, required a cold plane (mill), overlay (2" wearing and 4" binder), and restriping of the Clarence Henry Truck Turnaround. Due to the heavy volume of truck traffic the project was limited to a single weekend to complete working 24 hours per day. Ms. Barrilleaux performed daily inspections of critical work items, documented deficient work, and reviewed contractor report compliance with project specifications.</p>
10/22 - Current	<p>Construction Management Services for Jourdan Rd Wharf Terminal Substructure Repairs, Port of New Orleans</p> <p>Royal has been contracted to provide construction management services, including constructability reviews, document control, field representation, supporting Port NOLA with project close out for the repair of the substructure of the wharf at the Jourdan Road Terminal on the Gulf Intracoastal Waterway in New Orleans. The existing wharf is more than 40 years old, measures 1,400 linear feet long by 265 feet wide consisting of pre-cast and cast-in-place deck elements supported by 2,000 open-ended steel pipe piles which are 14" and 16" in diameter with a 3/8" wall thickness and contain a fibrous jacket on the top 6 to 8 feet that is known to contain asbestos. The delivery method for the project is Construction Management at Risk (CMAR). As an inspector, Mrs. Barrilleaux is responsible for the oversight of contractors in the field, inspecting work product to project drawings/specifications, schedule, compliance, and site safety.</p>

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	Royal Engineers and Consultants, LLC			
Name	James Hennegan	Years of relevant experience with this employer	9	
Title	Inspector	Years of relevant experience with other employer(s)	8	
Degree(s) / Years / Specialization	N/A	Active registration number / state / expiration date	N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s)/brief description of responsibilities			Inspector	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
17 years of experience	Certifications: Certified Flagger, OSHA 10-hour Safety Course, Ethics Training - Orleans Parish Sheriff's Office			
11/19 - Ongoing	City of New Orleans Roadway Restoration Program CM and Inspection – New Orleans, LA Project Inspector on the Royal team contracted by the City of New Orleans Department of Public Works (DPW) to provide construction management and resident inspection services for the Federal Emergency Management Agency (FEMA) Roadway Restoration Program. This project includes restoration of parish concrete and asphalt roadways and associated infrastructure (i.e., sidewalks, driveways, drainage, sewer, and water) that suffered damage during Hurricane Katrina. Construction services are being performed by multiple contractors under contract by DPW and overseen by Royal. Royal is providing all construction management, data management, reporting, platform deployment, quality assurance, administration, pay applications, and closeout services. Mr. Hennegan is responsible for the oversight of contractors in the field, inspecting work product to project drawings/ specifications, schedule compliance, and site safety.			
05/16 - 05/22	Street Light Management Services – New Orleans, LA Project Inspector on the Royal team for the City of New Orleans Department of Public Works (DPW) Streetlight Management Services. Royal is responsible for street light operations in the City of New Orleans. The project entails managing a work order system to track and assign all work to the city designated streetlight repair contractor. Meanwhile, he provides training for new inspectors on all processes, documentation, and safety regulations. Mr. Hennegan performs inspections and condition assessments of street light fixtures and poles throughout the city while documenting all findings for DPW.			
06/17 - 04/18	Emergency Catch Basin Cleaning and Repair Program – New Orleans, LA Project Inspector on the Royal team for the City of New Orleans Department of Public Works (DPW) Emergency Catch Basin Cleaning and Repair Program. Royal provided over 50 inspectors with supporting construction administration personnel for the cleaning of more than 15,000 catch basins in 120 calendar days within the City of New Orleans. Mr. Hennegan performed inspections and condition assessments of catch basin cleaning and repairs and completed all associated documentation of findings. Resident Inspection services included resident construction inspection and oversight. The resident inspection was required at all locations under construction and at all times the contractor was working on critical work items (i.e. pay items, inspect and appropriately track eligible work, ensure work does not adversely affect adjacent areas and/or property, etc.).			

09/19 - 03/20	<p>MaxPave Roadway Program: PM/CM of Utility Rehabilitation – New Orleans, LA</p> <p>Project Inspector on the Royal team responsible for performing resident inspection services for the CNO DPW and SWBNO combined utility rehabilitation initiative, which involved 50 to 75 service cuts weekly to conduct the needed point repairs to the sewer and water infrastructure. Responsibilities included observation of all construction activities for critical work items; preparation of daily field reports; collection and organization of photographic evidence of documenting work progress; preparing detailed reports; documentation of unforeseen items encountered during construction and corresponding coordination with DPW for these items.</p>
06/17 - Ongoing	<p>DPW Roadway Restoration – New Orleans, LA</p> <p>Project Inspector on the Royal team contracted by the City of New Orleans Department of Public Works (DPW) to provide construction management and resident inspection services for the bond-funded Roadway Restoration Program. Responsibilities include the oversight of contractors in the field, inspecting work product to project drawings/ specifications, schedule compliance, and site safety.</p>

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	Royal Engineers and Consultants, LLC			
Name	Meaghan Faherty	Years of relevant experience with this employer	6	
Title	Document Control Specialist	Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization	BS / 2010 / Marketing (Management Minor) AD / 2017 / Construction Management	Active registration number / state / expiration date	N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s)/brief description of responsibilities			Document Control	
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).			
6 years of experience	Ms. Faherty is an experienced document controller who has worked on several major roadway programs in Louisiana. She has provided field and office support for multiple Royal projects. She will support the Office Manager with reporting, document control and other responsibilities. Certifications: Traffic Control Supervisor, Traffic Control Technician, Certified Flagger			
10/22 - Current	Construction Management Services for Jourdan Rd Wharf Terminal Substructure Repairs, Port of New Orleans Quality Control and Document Control Specialist on the Royal Team that has been contracted to provide construction management services, including constructability reviews, document control, field representation, supporting Port NOLA with project close out for the repair of the substructure of the wharf at the Jourdan Road Terminal on the Gulf Intracoastal Waterway in New Orleans. The existing wharf is more than 40 years old, measures 1,400 linear feet long by 265 feet wide consisting of pre-cast and cast-in-place deck elements supported by 2,000 open-ended steel pipe piles which are 14” and 16” in diameter with a 3/8” wall thickness and contain a fibrous jacket on the top 6 to 8 feet that is known to contain asbestos. The delivery method for the project is Construction Management at Risk (CMAR).			
01/23 - Current	Construction Management and Estimating Services for Nashville Wharf A Substructure Repairs, Phase 2, Port of New Orleans Quality Control and Document Control Specialist on the Royal Team that has been contracted to provide construction management services including cost estimating, constructibility reviews, document control, field representation, and supporting Port NOLA with project close out for the repair of the substructure of the Nashville Wharf “A” facility located on the Mississippi River in New Orleans, LA. The existing wharf was constructed in 1960 and 1961 and is approximately 2,400 linear feet long and 214 feet wide and supported by approximately 5,371 steel piles. The steel pile type varies throughout the structure. The delivery method for the project is Construction Management at Risk (CMAR).			
11/19 - Ongoing	City of New Orleans Roadway Restoration Program CM and Inspection – New Orleans, LA Inspector on the Royal team contracted by the City of New Orleans Department of Public Works (DPW) to provide Construction Management Services for the FEMA related roadway program which includes associated subsurface drainage, sewerage, and water repairs. Construction services are being performed by multiple contractors under contract by DPW and overseen by Royal. Royal is providing all construction management, data management, reporting, platform deployment, quality assurance, administration, pay applications, and closeout services.			

10/20 - 11/20	<p>Clarence Henry Truckway Turnaround Pavement Rehabilitation – New Orleans, LA</p> <p>Inspector for the Royal team overseeing the Clarence Henry Truckway Turnaround Pavement Rehabilitation project. The scope of the construction was to setup a detour, cold plane (mill), overlay (2" wearing and 4" binder) and restripe the turnaround. Royal was elected to perform construction management and resident inspection during the project, this included: submittal review, coordination with the Port and contractor, full time resident inspection during the project, site inspection from the project manager, punch list and recommendation for acceptance.</p>
09/19 - 03/20	<p>MaxPave Roadway Program: PM/CM of Utility Rehabilitation – New Orleans, LA</p> <p>Inspector for the team providing part-time quality control for temporary roadway restorations of water and sewer cuts throughout the city. The program consisted of identifying over 1,000 service cuts and nearly 800 completed repairs in a matter of 6 months.</p>
09/19 - 03/20	<p>MaxPave Roadway Program: PM/CM of Utility Rehabilitation – New Orleans, LA</p> <p>Project Inspector on the Royal team responsible for performing resident inspection services for the CNO DPW and SWBNO combined utility rehabilitation initiative, which involved 50 to 75 service cuts weekly to conduct the needed point repairs to the sewer and water infrastructure. Responsibilities included observation of all construction activities for critical work items; preparation of daily field reports; collection and organization of photographic evidence of documenting work progress; preparing detailed reports; documentation of unforeseen items encountered during construction and corresponding coordination with DPW for these items.</p>
06/17 - Ongoing	<p>DPW Roadway Restoration – New Orleans, LA</p> <p>Project Inspector on the Royal team contracted by the City of New Orleans Department of Public Works (DPW) to provide construction management and resident inspection services for the bond-funded Roadway Restoration Program. Responsibilities include the oversight of contractors in the field, inspecting work product to project drawings/ specifications, schedule compliance, and site safety.</p>

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	Royal Engineers and Consultants, LLC	Past Performance Evaluation Discipline(s)*	CE&I
Project name	Polly Lane Extension	Firm responsibility (prime or sub?)	Prime
Project number	2015-18	Owner's name	Lafayette City - Parish Consolidated Government
Project location	Lafayette, LA	Owner's Project Manager	Alison Lognion
Owner's address, phone, email	705 W University Ave, Lafayette, LA 70506	337.291.8522	alognion@lafayettela.gov
Services commenced by this firm (mm/yy)	08/15	Total consultant contract cost (\$1,000's)	\$351
Services completed by this firm (mm/yy)	11/21	Cost of consultant services provided by this firm (\$1,000's)	\$117

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

Royal Engineers and Consultants, LLC ("Royal") was contracted by Lafayette City-Parish Consolidated Government to provide professional engineering design services for the extension and connection of both existing dead-end streets of Polly Lane, inclusive of roadway reconstruction and widening to its existing section to Verot School Road. A small diameter roundabout was also designed and constructed at the intersection of Polly Lane with Gathright Rd as a traffic calming measure to between commercial and residential portions of the street. The approximate length of the new roadway is 1,080 linear feet and the length of improvements to existing roadway is 930 linear feet. The roadway extension/connection consists of a 2-lane asphaltic concrete roadway, curb and gutter and grate inlet type drainage systems, reinforced concrete roundabout, concrete box culvert in Issac Verot Coulee Lateral 7, articulating block matting for scour protection, sidewalks, and street lighting. The roundabout is 32 ft diameter reinforced Class A concrete, stained with brick red color. 13" thick concrete reinforced with #4 rebar at 12" on center each was utilized, with lime treated subgrade.

Additional project features include the installation of approximately 1,200 linear feet of an 8" water line to connect service across the coulee. Horizontal Directional Drilling (HDD) was utilized for the coulee crossing. Permitting services for the coulee crossing were also provided, including a water permit from the Department of Health and Hospitals and a 404 permit from the USACE. Royal's design phase services include all preliminary and final plans, preparation of all necessary right-of-way maps/plats and other governmental staking and inspection authorized on an as-needed basis by owner, opinions of probable construction cost, design calculations, utility coordination, site condition assessment and surveying, permitting, and preparation of bid documents. Construction phase services include pre-construction coordination, contractor submittal review and tracking, shop drawing review and approval, RFI management, progress meetings, construction monitoring, quantity tracking, full-time resident inspection, engineering during construction, preliminary and final walk through, punch list, substantial completion coordination, completion of record drawings and contractor pay request preparation and coordination. Design and construction of the project was divided into several phases to expedite construction of the road and provide access to a newly built apartment complex.



Key Personnel:	Katherine Foreman, William Fontenot, Carter O'Brien, David Schroeder
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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	Royal Engineers and Consultants, LLC	Past Performance Evaluation Discipline(s)*	CE&I
Project name	Camellia – Settlers Trace Turning Lane	Firm responsibility (prime or sub?)	Prime
Project number	2017-09	Owner's name	Lafayette Consolidated Government
Project location	Lafayette, LA	Owner's Project Manager	Jessica Caldarera
Owner's address, phone, email	705 W University Ave, Lafayette, LA 70506	337.291.7015	jhcaldarera@lafayettela.gov
Services commenced by this firm (mm/yy)	01/18	Total consultant contract cost (\$1,000's)	\$27,560
Services completed by this firm (mm/yy)	04/22	Cost of consultant services provided by this firm (\$1,000's)	\$27,560

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

Royal was contracted by Lafayette Consolidated Government (LCG) to provide professional engineering design and construction phase services for the addition of a dedicated right turn lane and a second left turn lane at the intersection of Camellia Boulevard and Settlers Trace Boulevard in Lafayette, Louisiana. Project features included approximately 1200 SY of new concrete pavement and associated base course, 160 LF of new storm drain pipe, 400 SY of concrete sidewalks, 4 new or modified drainage structures, 3 new traffic signal heads, modifications and improvements to the street lighting system, and modifications to the pavement markings in the vicinity of the intersection.

Royal's design phase services included all preliminary and final plans, specifications, performing boundary survey and preparation of all necessary right-of-way maps/plats, opinions of probable construction cost, design calculations, and utility coordination and relocation. Design for the roadway modification included performing engineering design and analyses for widening of the concrete roadway, evaluation of the existing drainage infrastructure, and identifying required modifications to the existing drainage system. Royal also provided plans for road striping, sidewalk relocation and ADA ramp reconstruction, street lighting, and recommendations for construction phasing.

Construction phase services included pre-construction coordination, contractor submittal review and tracking, shop drawing review and approval, RFI management, on-site progress meetings, construction monitoring, quantity tracking, engineering during construction, preliminary and final walk through, punch list, substantial completion coordination, completion of record drawings and contractor pay request and change order preparation. Royal also provided Resident Inspection services throughout the duration of construction.

Boundary surveying services for the project were sub-consulted to T. Baker Smith, LLC. Upon completion of Preliminary Plans and the Plan-In-Hand meeting, Royal determined through coordination with the LCG Traffic Department that the new right turn lane and relocated sidewalk could be constructed within the existing Camellia Boulevard right-of-way by reducing the lane widths at the location of the new turn lane from 12 ft to 11 ft, thereby eliminating any need for right-of-way acquisition.

Key Personnel:

Katherine Foreman



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	Royal Engineers and Consultants, LLC	Past Performance Evaluation Discipline(s)*	CE&I
Project name	City of Youngsville New Road	Firm responsibility (prime or sub?)	Prime
Project number	2015-09-03	Owner's name	City of Youngsville
Project location	Lafayette, LA	Owner's Project Manager	Sally Angers
Owner's address, phone, email	305 Iberia Street, Youngsville, LA 70592	337.856.4181	sallyangers@youngsvillela.gov
Services commenced by this firm (mm/yy)	11/16	Total consultant contract cost (\$1,000's)	\$104,500
Services completed by this firm (mm/yy)	04/18	Cost of consultant services provided by this firm (\$1,000's)	\$104,500

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

The City of Youngsville New Road project consisted of the design and construction management of a new roadway, Mayor Lucas Denais Drive, from Chemin Metairie Parkway to Almonaster Road in Youngsville, Louisiana, including general excavation, soil cement, asphaltic pavement, pavement striping, signage, and all other incidental work. Design included a hydraulic study, code research, engineering drawings, specifications, and cost estimates. Upon completion of design Royal provided bid phase and construction management services.

The road was designed to support traffic for Southside High School. Design efforts included coordination with the Lafayette Parish School System and the City of Youngsville to ensure the approximately 1,000' new road would adequately serve both the new high school and the city. Technical Specifications for the project were developed in accordance with the Louisiana State Standards for Roads and Bridges.

Royal's construction phase services included engineering support during construction, inspection, completion of daily reports, quantity tracking, review and approval of Contractor payment requests and change orders, and ongoing coordination with the Contractor and the City, and with the utility companies as needed.

During the construction phase of the project, the City of Youngsville added additional restriping work to the construction contract at multiple locations throughout the city at locations including Almonaster Rd, Church St, Copper Meadows Blvd, Iberia St., and School St. Royal prepared striping plans for the required locations in accordance with the DOTD standard plans and oversaw and inspected the removal of approximately 7960 LF of striping and installation of approximately 8246 LF of striping and 139 raised pavement markers as a result of this change order.



Key Personnel:

Katherine Foreman, Michael Pugh

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	Royal Engineers and Consultants, LLC	Past Performance Evaluation Discipline(s)*	CE&I
Project name	Roadway Restoration for Bayou St. John, Fairgrounds, and Seventh Ward Group B Roads	Firm responsibility (prime or sub?)	Prime
Project number	2016-23-35	Owner's name	City of New Orleans Department of Public Works
Project location	New Orleans, LA	Owner's Project Manager	Josh Hartley, P.E.
Owner's address, phone, email	1300 Perdido St # 6W03, New Orleans, LA 70112	504.606.0707	jwhartley@nola.gov
Services commenced by this firm (mm/yy)	10/19	Total consultant contract cost (\$1,000's)	\$1,200
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$1,000

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

As part of a construction administration and resident inspection contract with the City of New Orleans Department of Public Works, Royal provided construction management services for the construction of \$23M FEMA-funded roadway improvements, one of the largest in the City. The project area covers 110 city blocks and construction is estimated to include 29,000 square yards (SY) of asphalt, 18,000 SY of concrete, and will require replacement of roadway pavement, water lines, sewer lines, and drainage. **The work also includes modifications to improve consumer mobility as it relates to the Americans with Disabilities Act (ADA).**

Tasked with Construction Administration, Resident Inspection, and Overall Construction Management, Royal is providing field management of the contractor and all construction activities, including conducting progress meetings, resolving resident issues, reviewing and approval of monthly pay estimates, field adjustments and applying knowledge and experience in civil construction to ensure the project remains on schedule and budget. Responsibilities include monitoring construction activities to determine and document the progress of the project and compliance with the construction contract, the City's standards and policies, and with an emphasis on site safety, the timely review of submittals, shop drawings, samples, substitute materials, value engineering proposals, the timely rejection of all non-conforming work and materials, the application of work forces to particular portions of the work, the conformance of the work to the construction contractor's schedule, the timely execution of the work, and conducting required interviews of the Construction Contractor. Royal resident inspectors document all construction activities and material quantities in-place as well as assist in the evaluation of the Construction Contractor payment requests. They also monitor tests and maintain records for all quality testing, submit daily inspection reports, and observe the jobsite safety program.

Deliverables include the following:

- Construction Field Records, including Daily Reports/Working Day Reports
- Monthly Pay Requests, Schedule Updates, and Weather Reports
- Plan Change Requests/Field Change Authorizations
- Recommendation for Approval of Testing Laboratory Pay Request
- Non-Conforming Materials Notifications
- Monthly Progress Report and Invoice
- Final Inspection Report
- Overrun/Underrun Statement
- Warranty Inspection Report
- Project Schedule
- Final "As Built" Drawings



Key Personnel:

Carter O'Brien, Meaghan Faherty, David Schroeder, Ryan Schellhaas, Ryan Hebert, Michael Pugh, Courtney Kall, Chad Albert, Jeffery Monfrey, Lori Barrilleaux, Chaz Dunn

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	Royal Engineers and Consultants, LLC	Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	Magnolia Converted Pedestrian Bridge Rehabilitation	Firm responsibility (prime or sub?)	Prime
Project number	H.009938	Owner's name	City of New Orleans Department of Public Works
Project location	New Orleans, LA	Owner's Project Manager	Josh Hartley, P.E.
Owner's address, phone, email	1300 Perdido St # 6W03, New Orleans, LA 70112	504.606.0707	jwhartley@nola.gov
Services commenced by this firm (mm/yy)	02/18	Total consultant contract cost (\$1,000's)	\$176
Services completed by this firm (mm/yy)	10/18	Cost of consultant services provided by this firm (\$1,000's)	\$176

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

Royal provided Construction Administration and Resident Inspection Services for the rehabilitation of the Magnolia Bridge which crosses Bayou St. John at Harding Drive in Orleans Parish. The project was funded by LADOTD, Regional Planning Commission, and City bond funds and consisted of grading, class II base course, asphalt removal and replacement, steel rehabilitation (cleaning & painting), sheet pile installation, bridge deck replacement, incidental concrete paving and concrete walks, concrete wall repair, and associated work to construct the project according to construction documents. Royal provided construction management (CM) and resident inspection, quality assurance, administration, review of pay applications and closeout services. Staff included on-site and back-office support personnel including qualified Construction Managers and Resident Inspectors.

Back office services included: general CM & administration activities, document control, facilitation of preconstruction conference, bid review/award recommendations, work order basis, generation of details and quantities and management of work order process, review of pay applications and recommendations for payment, review proposed change orders for scope and cost reasonableness, prepare contract change orders, issue necessary interpretations and clarifications of the contract documents, evaluate and determine acceptability of substitute or "or-equal" materials and equipment, recommend substantial completion and prepare substantial completion documentation, prepare/submit record drawings, assist with claims and disputes arising from construction, obtain warranty documentations and conduct warranty period inspection, prepare and submit any required permits not the responsibility of the contractor to obtain, review contractor requests for added days and special work requests, and reviewing and tracking of material submittals.

Field services included: assistance with technical issues arising during construction, assistance in coordination with utilities for relocations, facilitation of progress meetings, preparation of agendas and minutes, monitoring and tracking of construction progress, recommendations of work to be rejected while in progress if not in accordance with contract, collection of field measurements for estimated pay item quantities, preliminary and final walk-throughs, and preparation of punch list.

Resident inspection services included: observation of construction at all times the contractor worked on critical work items; inspection, measurement and tracking of work completed for pay requests; observation of utility impacts; observation of adjacent areas and/or property impacts; preparation of daily field reports; photograph and/or documentation of work progress; coordination with A/E, DPW, and LADOTD on unforeseen items encountered during construction; coordinate with and monitor work performed by material testing agency, utilities, and other on-site visitors; preparation documentation required for field changes; verification of contractor providing adequate traffic control and site safety procedures, and preparation of incident reports.



Key Personnel:	Michael Pugh, David Schroeder, Ryan Schellhaas, Ryan Hebert
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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.






Royal has ample experience to provide construction engineering inspection services and construction contract administration in accordance with DOTD's Standards and Procedures. Our team has the project understanding and field experience necessary to provide crucial project feedback to LADOTD regarding project milling, overlay, base rehab, drainage structures, ADA requirements and more. Royal has completed projects ranging in scope from striping and pavement markings, Structural PCCP, Asphalt Mill and Overlay, underground utilities, sidewalks, ADA compliant ramps and more.

Royal has designed and constructed many similar projects in Louisiana, making our team well-experienced and prepared to manage and inspect the project throughout all phases of construction. Our team is led by Carter O'Brien, PE, who brings more than 14 years of heavy civil construction management experience, and Jeff Monfrey, Lead Inspector, who has nearly 30 years of LADOTD experience. Mr. O'Brien has successfully executed more than 20 projects for LADOTD. Royal has contacted Louisiana Testing & Inspection, Inc. for material testing services if DOTD lab is not available.

In addition, our team includes certified Base and Embankment, Asphaltic Concrete, and PCC Pavement inspectors. Our construction engineering and inspection team are proficient in SiteManager, know the LADOTD procedures and processes, and have used Headlight, SiteManager and Materials Manager.

Approach to the Project

Based on our understanding of the project, knowledge of LADOTD's processes and procedures, and experience completing similar pavement marking projects across the state, we will execute the project in the phases outlined in the figure below.

 Post Award	 Pre-Construction	 Active Construction	 Substantial Completion	 Project Closeout
<ul style="list-style-type: none"> • Review DOTD's QA/QC plan • Attend software training • Provide testing lab if needed • Review project plans and special provisions • Review DOTD provided sampling plan • Site visit with project team to ensure critical items are reviewed in field 	<ul style="list-style-type: none"> • Host preconstruction meeting • Agree upon and issue NTP • Develop QA/QC plan, materials testing, & field sampling plan • Review preconstruction submittals • Review & respond to preconstruction RFIs • Coordinate with stakeholders 	<ul style="list-style-type: none"> • Serve as client/contractor liaison • Conduct daily inspections • Develop detailed inspection reports • Conduct document sampling/testing • Review & monitor traffic control plans • Review submittals • Ensure document control • Issue monthly pay estimates • Manage materials • Coordinate contractor claims • Conduct QA/QC 	<ul style="list-style-type: none"> • Coordinate final walkthrough • Develop final punch list • Obtain final project acceptance 	<ul style="list-style-type: none"> • Assemble required turn-in documents • Submit closeout documents • 2059 Submittal • As-Builts • Reconciliation change order • Final estimate
Contract Day 1 - 30*		Contract Day 31 - 100*		

What Royal?



Understanding of and proximity to the project
Our Lafayette office is centrally located near the project.



Knowledge of LADOTD's processes and procedures
Our team includes Carter O'Brien, William Fontenot, and Jeff Monfrey who have worked with LADOTD for more than 14 years.



Our team has completed hundreds of similar roadway projects in Louisiana.

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.

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Post Award

To hit the ground running post award, our team will review LADOTD's project plans and special provisions and attend any necessary department software training courses such as Headlight or SiteManager.



Pre-Construction

We understand the importance of aligning all stakeholders during the pre-construction phase. This phase will begin with a team kick-off meeting to discuss the project Notice to Proceed date, project goals, QA/QC plan, materials testing/field sampling plan, and pre-construction submittals. We will also confirm compliance, coordinate with Lafayette Consolidated Government for utility relocations, and review and respond to pre-construction RFIs before moving into the next phase. Royal and its team will perform a construction site visit to review the project limits, note potential traffic concerns, setup field books, and confirm project limits. Royal will also use this period for a site visit with LADOTD and LCG to ensure all necessary pavement markings are encompassed and the Entities point of contact meets the project team.



Active Construction

During construction, our resident inspector(s) will inspect the contractor's operation daily to confirm that all work is performed in accordance with the specified plans, specifications, and approved materials. We will also review the contractor's traffic control plan(s) on a daily basis to confirm it follows MUTCD guidelines and adheres to the project plans confirmed during pre-construction. As this project is within a residential neighborhood security of the site is of the utmost importance, our inspectors will perform routine inspections and ensure the contractor addresses any potential hazards open to the public.

To confirm and maintain quality on the project, we will follow the project sampling plan provided during preconstruction. Our resident inspector(s) will confirm that traffic control plans are being followed, pavement markings lane widths are to plan dimensions, and lane restrictions are being followed. Using SiteManager/Headlight, our team will include detailed documentation and photography of all testing, and will obtain and record all certificates of release, material certificates, and necessary field paperwork throughout the project.

It is of particular importance for pavement markings projects that traffic control plans are followed during striping. All of Royal's Resident Inspectors and Managers are thoroughly familiar with all specifications, and other requirements and will ensure that they are followed. Royal will inspect the contractors' lane closures during layout and before striping to help mitigate any issues before the contractor has completed. Furthermore, Royal will review the project limits and details and make recommendation for adjustments and replacement, if necessary.

Providing timely responses to the contractor and managing document control is critical to maintaining the project schedule. Royal will manage all project correspondence during active construction, including RFIs, change orders, submittals, releases, monthly pay estimates, and other project documents. Our team intends to answer all RFIs within two business days. We will document all pertinent information and include all RFIs with the final project documents. Similarly, we will review all change orders in accordance with LADOTD's specifications and, once recommended for approval, will send for electronic signatures via SiteManager.

Should there be a claim or dispute, our team will provide detailed records and track time and material information in a force account format. The Royal team is also experienced in providing recommendations regarding constructability issues or scheduling disputes and stand ready to support LADOTD if required.



Substantial Completion

Once the project reaches substantial completion, our team will conduct a final walkthrough with all stakeholders and develop a final punch list items for the contractor to address. Once addressed, we will coordinate and obtain final project acceptance from all project stakeholders.

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.

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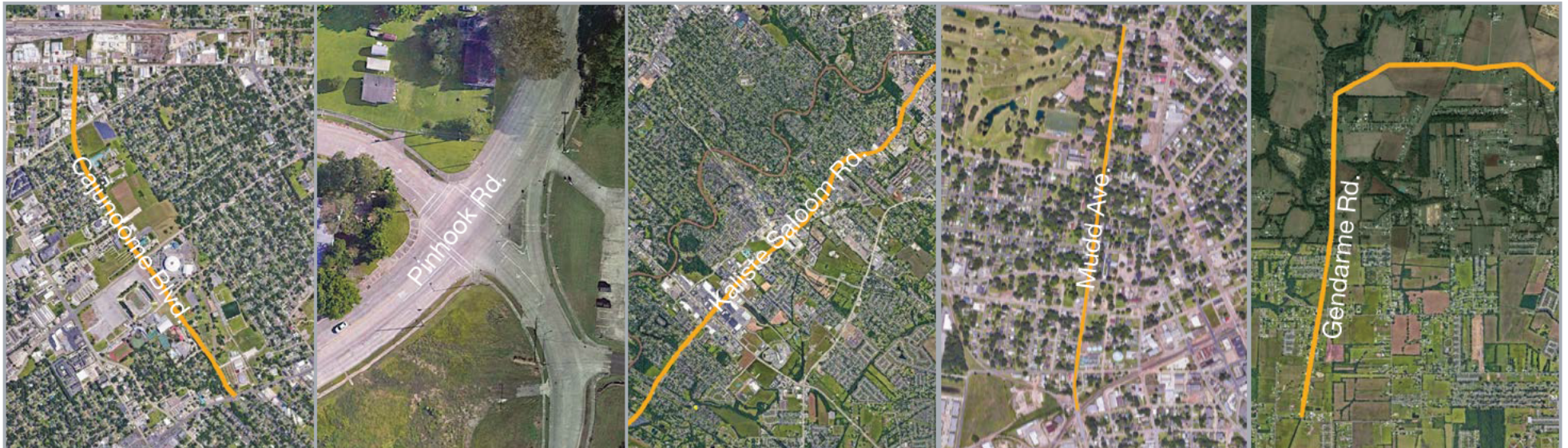
Closeout

After the project is complete, our team will assemble and submit all required closeout documents in accordance with LADOTD standards, including the following:

- Final estimate (zero sum)
- Change orders with required signatures
- Certificates of release
- Correspondence
- RFIs
- Dispute resolution
- Weather and working day report
- Construction layout book
- As-built plans submitted with final estimate reflecting all changes made from original plans
- Form 2059

Project Location

We understand the project locations to be Cajundome Blvd., E. Pinhook Rd./Teurlings Ave., Kaliste Saloom Rd., Mudd Ave., and Gendarme Rd., in Lafayette Parish. As a firm located in Lafayette that is familiar with the locations being restriped, we are aware several of these roadways have high ADT with major signalized intersections. Royal will coordinate closely with the Contractor and the Entity to ensure scheduled work activities minimize disruption to traffic, and ensure the public is informed. Our team will review the contract and plans and make recommendations for work to be performed at off-peak times and identify potential problem areas where additional attention should be given for temporary traffic control layout and inspection. The enforcement of adequate traffic control will be critical to the safe and successful completion of this project.



Aerial shot of the project sites.

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.

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Project Schedule

Royal's team includes experienced critical path schedule reviewers who bring first-hand construction field insight to accurately review contractor schedules for compliance with specifications, confirm any additional time requests are valid and justified, and defend the department in case of dispute.

Sample Schedule

Lafayette Parish Non-State Pavement Markings

Task Name	Duration	Start	Finish	Q1			Q2			Q3			Q4		
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Contract Duration	100d	05/18/23	08/26/23												
Contract Execution	1d	05/18/23	05/18/23												
Notice to Proceed	1d	05/18/23	05/18/23												
Assembly Period	5d	05/18/23	05/23/23												
Pre-Construction	30d	05/18/23	06/18/23												
Construction	99d	05/19/23	08/26/23												
Final Inspection and Punchlist	25d	09/23/23	08/26/23												
Final Change Order	25d	09/23/23	08/26/23												
Closeout	30d	09/18/23	08/26/23												

DOTD Contract No. 4400027010 State Project No. H.015018.5

Project Success

Bloski Avenue Extension, U.S. Department of the Navy, NAVFAC Southeast

- Design-Build of access roadway
- Received CMAA Project Excellence Award - "Best Infrastructure Project under \$10 Million"
- Site design and construction roadway, storm water drainage, sidewalks, lighting, signage, and landscaping
- Royal's value engineering efforts reduced the total project price by approximately \$800,000 and reduced the project's duration by 50 days.

Inspection Tools

- Our inspectors will follow DOTD supplied sampling plans
- Measuring devices, and more



Smart Levels



iPads / Tablets

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)*	Contract Number & State Project Number	Project Name	Remaining Unpaid Balance
Royal Engineers and Consultants, LLC	Bridge, Road	Contract # 4400024593 S.P. # H.015009.5	DOTD OSBR West Metairie Ave Bridge	\$93,240.00

20. Certifications/Licenses

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

Royal Engineers and Consultants, LLC

Michael Pugh, P.E.



William Fontenot, Jr., P.E.



Courtney Kall, P.E.



20. Certifications/Licenses

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

Royal Engineers and Consultants, LLC

Carter O'Brien, P.E.



Katherine Foreman, P.E.



Ryan Hebert, P.E.



20. Certifications/Licenses

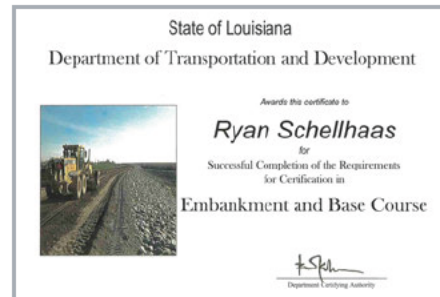
If the advertisement requires submission of licenses and/or certificates, include them here. Otherwise, leave this section blank.

Royal Engineers and Consultants, LLC

David Schroeder



Ryan Schellhaas



Chad Albert



20. Certifications/Licenses

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

Royal Engineers and Consultants, LLC

Lori Barrilleaux



Daniel Guidry



Meaghan Faherty



20. Certifications/Licenses

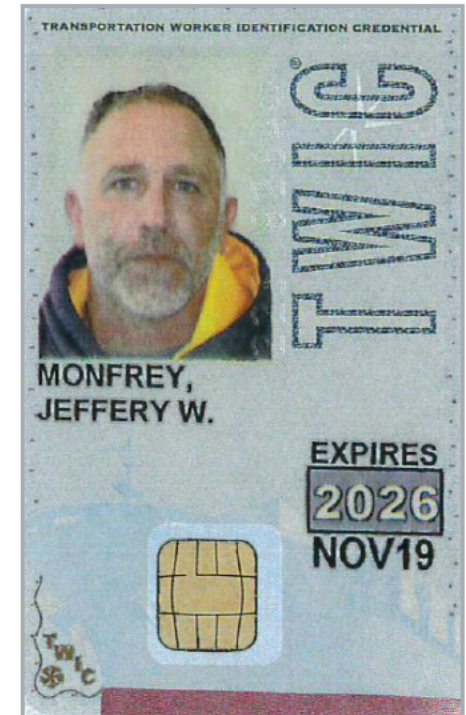
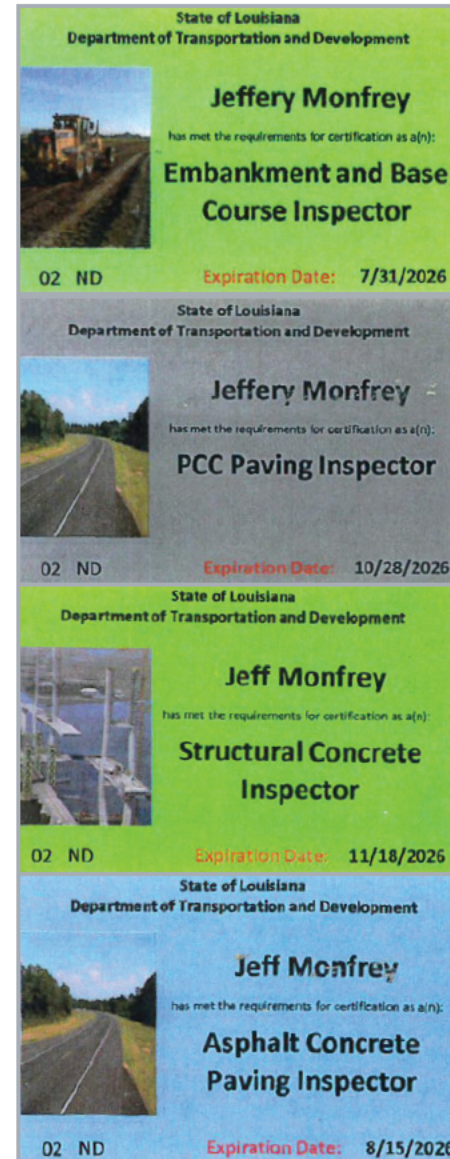
If the advertisement requires submission of licenses and/or certificates, include them here. Otherwise, leave this section blank.

Royal Engineers and Consultants, LLC

Chaz Dunn



Jeffery Monfrey



Royal Engineers and Consultants, LLC

May 18, 2023






LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 5/30/2023 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Ryan Jude Hebert
6364 Colbert Street
New Orleans, Louisiana 70124

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LPELS)	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Mr. Ryan Jude Hebert		
License/Certificate Type - Number	Expiration Date	
PE.0046577	09/30/2024	
Status: Active		

Fold Here →

Cut Here ←

Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.

Print and keep the following information for your record or verification. The pocket card may also be printed on card stock or laminated to keep with you as license/certificate verification.

Disclaimer

All information provided by LPELS on this web page, and on its other web pages and internet sites, is made available to provide immediate access for the convenience of interested persons. While LPELS believes the information to be reliable, human or mechanical error remains a possibility, as does delay in the posting or updating of information. Therefore, LPELS makes no guarantee as to the accuracy, completeness, timeliness, currency, or correct sequencing of the information. Neither LPELS, nor any of the sources of the information, shall be responsible for any errors or omissions, or for the use or results obtained from the use of this information. Other specific cautionary notices may be included on other web pages maintained by LPELS.

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.

Per advertisement, Royal will follow the DOTD provided Sampling Plan and Method as outlined in section 18.

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	Address	Point of Contact and email address	Phone number

23. Location

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