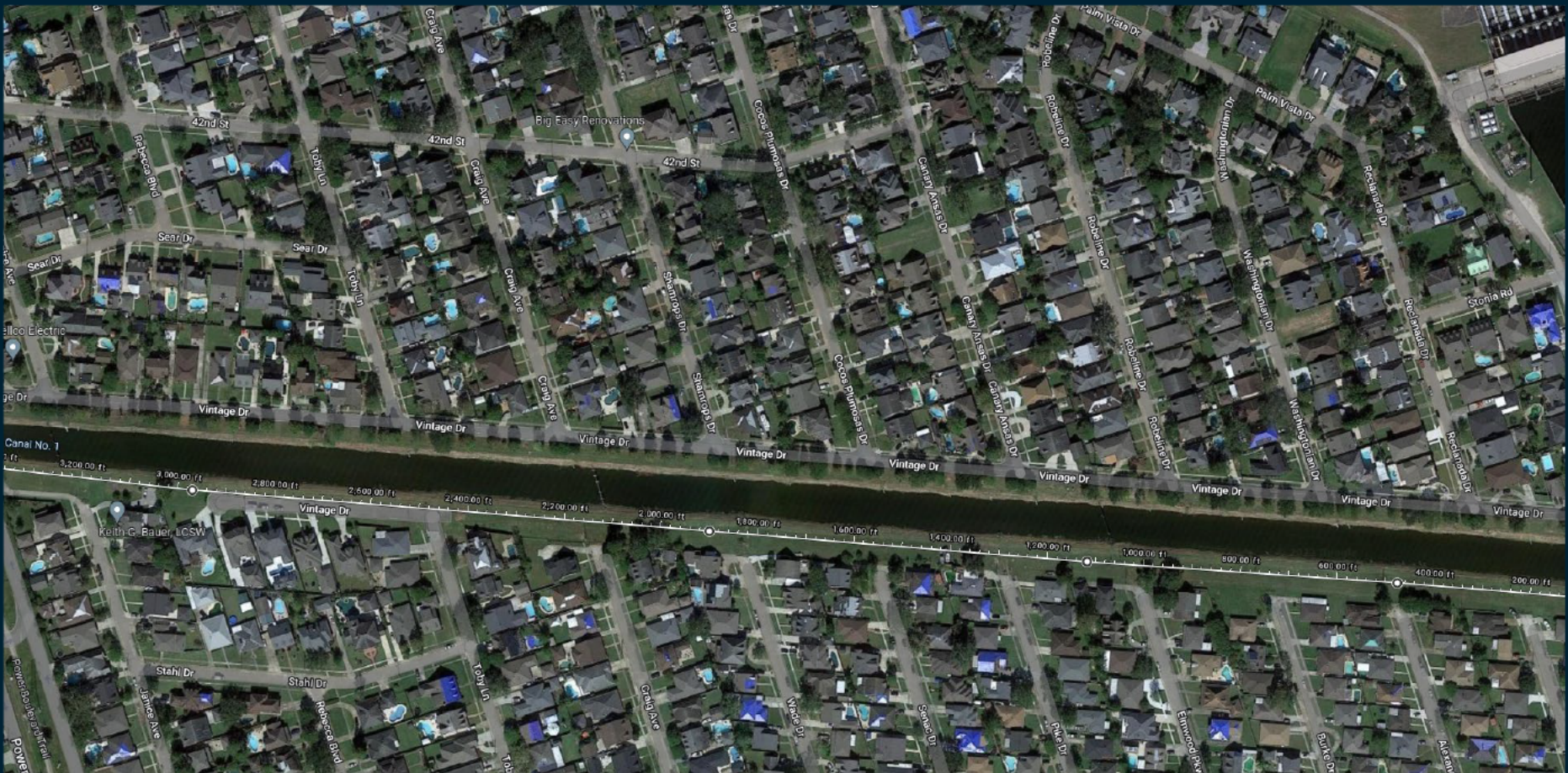


CONTRACT NO. 4400025702
STATE PROJECT NO. H.013813.6
F.A.P. NO. H013813.6
JEFFERSON PARISH

ENTITY CONTRACT FOR VINTAGE DR MULTI USE PATH: POWER – WILSON (CE&I)



Submitted to
Louisiana Department of Transportation and Development

Submitted by
Royal Engineers and Consultants, LLC

Date
Dec. 13, 2022

COVER LETTER

December 13, 2022

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

RE: CONTRACT NO. 4400025702
ENTITY: JEFFERSON PARISH
VINTAGE DR MULTI USE PATH: POWER – WILSON (CE&I)
STATE PROJECT NO. H.013813.6
F.A.P. NO. H013813

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 Construction Engineering and Inspection (CE&I) for the Vintage Drive Multi Use Path. 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. We have strategically partnered with The Beta Group for this proposal. Several members in each firm included in this proposal have a successful history of working together to deliver roadway projects. Through our carefully selected team of professionals, we are committed to providing the Department and Jefferson Parish 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 Jefferson Parish. 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



100% Locally owned and headquartered

Unique approach to utilizing cutting-edge technology

\$500M Design and construction management projects in Louisiana since 2005


DOTD FORM: 24-102

PROPOSAL TO PROVIDE CONSULTANT SERVICES

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

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

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

1.	Contract title as shown in the advertisement	Advertisement for Engineering and Related Services
2.	Contract number(s) as shown in the advertisement	4400025702
3.	State Project Number(s), if shown in the advertisement	H.013813.6
4.	Prime consultant name (as registered with the Louisiana Secretary of State where such registration is required by law)	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 Street, Suite 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 Street, Suite 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 (shall be the same person as #9):  Date: December 13, 2022

11.	If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.	Firm(s): The Beta Group	Firm(s)' %: 30%
12.	<p>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.</p> <p>The past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other. The crosswalk from the old categories to the new categories can be found at the link below: (same link as in the advertisement)</p>		

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

Evaluation Discipline(s)	% of Overall Contract	Royal (Prime)	The Beta Group	Each Discipline must total to 100%
CE&I	100%	70%	30%	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%	70%	30%	-----

13.

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

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	0
	Administrative	1	5
	CADD Operator	1	2
	Clerical	0	3
	Engineer	2	7
	Engineer Intern	0	3
	Inspector	2	6
	Inspector - Certified	1	0
	Project Office Manager	1	10
	Principal	1	3
	Supervisor - Other	1	1
The Beta Group	Inspector - Certified	2	0
	Inspector	2	6

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

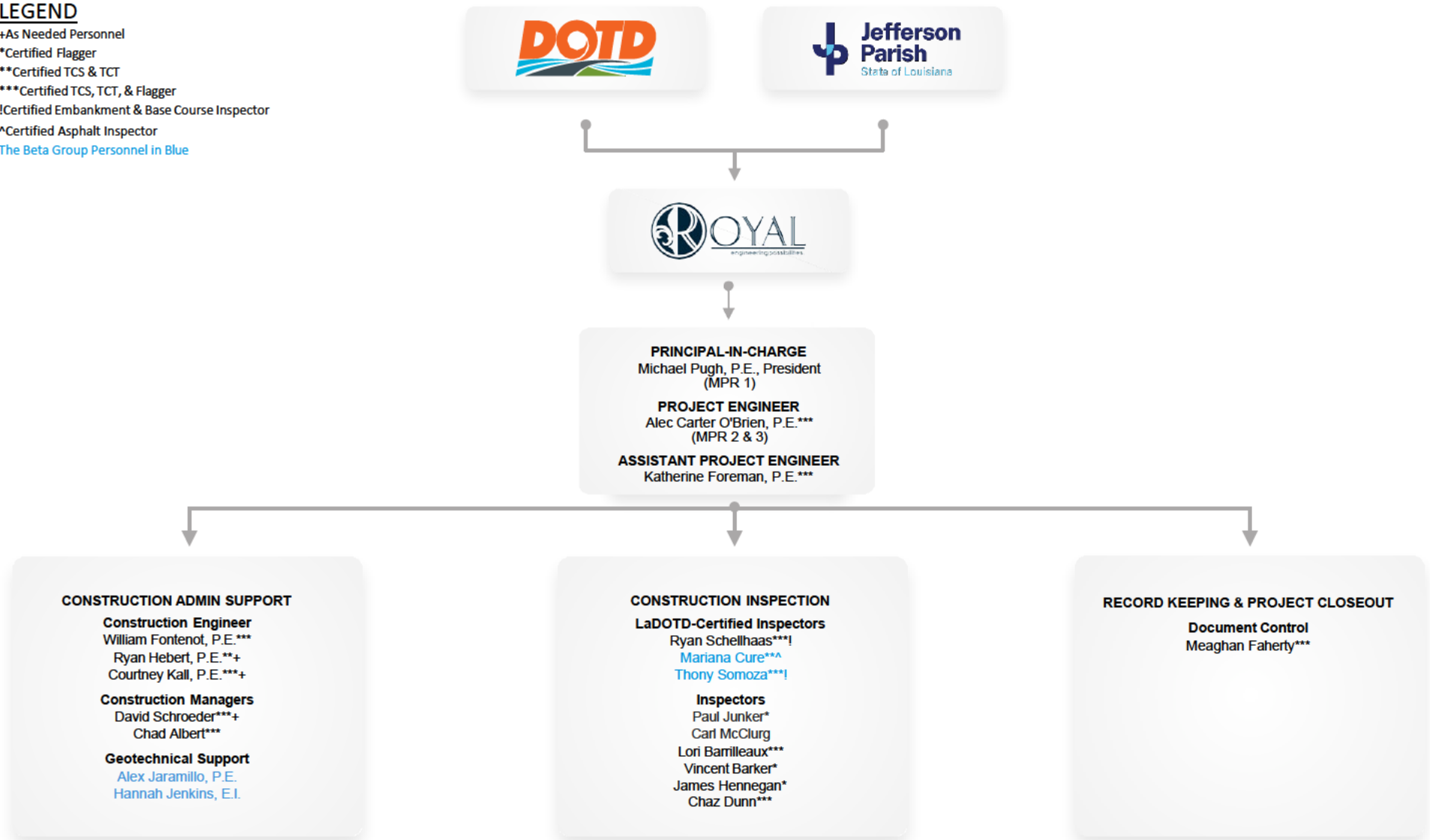
**Certified TCS & TCT

***Certified TCS, TCT, & Flagger

!Certified Embankment & Base Course Inspector


^Certified Asphalt Inspector

The Beta Group Personnel in Blue



15.	Minimum Personnel Requirements: Use the table below to identify both prime consultant and sub-consultant staff designated to work on this contract meeting the Minimum Personnel Requirements (MPRs) specified in the advertisement. Ensure the résumé reflects the required experience stated in the MPR.				
MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license / certification & number	State of license	License / certification expiration date
1.	Michel Pugh, P.E.	Royal	Professional Engineer 30911	LA	3-31-2024
2.	Alec Carter O'Brien, P.E.	Royal	Professional Engineer 43647	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		Michael 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 / 3-21-2024		
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 time specified in the applicable MPR(s).		
25+ years of experience		Mr. Pugh has over 25 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.		
11/19 - Ongoing		FEMA Roadway Restoration Program: 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 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, resident inspection, and closeout services.		
09/19 - 03/20		MaxPave Roadway Program: New Orleans, LA 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.		
12/10 - 01/17		RTA Streetcar Expansion Program - Construction Management Plus 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.		
11/10 - 08/11		Bloski Avenue Extension: Belle Chasse, LA 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).		
03/07 - 10/09		Roadway Restoration Project: St. Bernard Parish, LA 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.		






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	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 2 and 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 time 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 LaDOTD, FEMA, and various other local agencies. He has extensively worked in asphalt paving, PCCP, catch basins, and drainage projects. Certifications: Traffic Control Supervisor, Traffic Control Technician, Certified Flagger		
10/20 - Ongoing	RR004 / Bayou St. John, Fairgrounds, Seventh Ward Group B: 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.		
04/18 - 02/19	H.010352 / LA 442: Tangipahoa River Bridge Replacement: Tickfaw, LA 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.		
06/17 - 08/19	Sales Tax Street and Road Rehabilitation Program: East Baton Rouge Parish, LA 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. Royal has been the prime consulting engineer, responsible for all aspects of construction inspection for all City of Baton Rouge Street Improvements. 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 Pearirs 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)		




01/19 - 08/19	I-10 Widening, LA 347 to Atchafalaya Floodway Bridge Route 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.
04/18 - 08/18	H.009597 / 1-10 / W Pearl River: Baton Rouge, LA 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.
07/16 - 07/18	H.011503 / I-10 Twin Spans ITS: Orleans and St. Tammany Parish, LA 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.
12/15 - 06/16	H.001491.6 / LA 20 (North Canal Blvd.) Widening: Lafourche Parish, LA 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.
08/14 - 08/16	H.003432 / US-51 Business Roundabouts: Hammond, LA 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.

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		
Experience dates (mm/yy–mm/yy)		Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
7 years of experience		Ms. Foreman has seven years of experience in civil and coastal engineering and construction. Ms. Foreman’s background and studies includes geotechnical engineering, hydraulics and hydrology, environmental engineering, and transportation engineering. As a member of the Royal Team, Ms. Foreman serves on Royal’s project technical and design teams and has been responsible for permitting activities, agency and client coordination, engineering design, project development, and compilation of project plans and specifications. Her GIS/CADD expertise includes the use of various software packages for the development of graphical representations of data collected including QGIS Desktop and AutoCAD Civil3D. Certifications: Traffic Control Technician and Traffic Control Supervisor			
08/20 - Ongoing		Indian Creek Low Water Crossing: Fort Polk, LA Project Manager for the Design-Build 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 Hydraulic Modeling, culvert sizing, and development of plans and specifications.			
04/18 - 10/20		CNO Street Repair – Leontine, Valmont, Camp, and Chestnut: New Orleans, LA Engineer Intern and Project Manager on team providing engineering, design, and construction administration services for the City of New Orleans for roadway enhancement and full reconstruction of streets and utilities in a portion of the Uptown neighborhood. Royal provided main line drainage design, water line replacement design, and sewer line replacement design for portions of Camp Street, Leontine St., Valmont St., Coliseum St., and Chestnut St. in accordance with New Orleans Department of Public Works and New Orleans Sewerage and Water Board requirements. Ms. Foreman was responsible for performing drainage analyses to layout and size the proposed curb and gutter drainage system and coordinating preparation of AutoCAD drawings for Preliminary and Final Plans.			
11/16 - 02/18		City of Youngsville New Road: Youngsville, LA Engineer Intern on team that provided engineering design and construction management for Mayor Lucas Denais Drive in Youngsville, LA. The project involved design of a new approximately 1,000 linear ft. asphalt roadway with turning lanes and stop-controlled intersections and open-ditch drainage. Ms. Foreman was responsible for the design of the roadway striping plan, performing a drainage analysis for use in design of the open ditch drainage system, and engineering support and inspection during construction.			
08/15 - 11/21		Polly Lane Extension: Lafayette, LA Engineer Intern and Project Manager 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.			


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		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 / 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			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).				
9+ years of experience	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. Certifications: Traffic Control Supervisor, Traffic Control Technician, Certified Flagger				
06/12 - 07/16	H.002550 MacArthur Drive Interchange Completion: Jefferson Parish, LA 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.				
06/12 - 07/16	In-Depth Bridge Inspection of Complex Structures: St. Landry Parish, LA 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.				
06/12 - 07/16	H.003182 Inner Harbor Canal Bridge Rehabilitation: Algiers, LA 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.				
06/12 - 07/16	I-10 Lake Pontchartrain Bridge Deck Patching & Girder Painting: New Orleans, LA 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.				




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, L.L.C.				
Name		Ryan Hebert, P.E.	Years of relevant experience with this employer	4
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 time specified in the applicable MPR(s).		
4 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		
11/19 - Ongoing		FEMA Roadway Restoration Program: 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		City-Wide Construction Administration and Resident Inspection Services: New Orleans, LA 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.		
10/18 - 11/19		Interim Paving Program: New Orleans, LA 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.		
03/17 - 08/18		Pavement Restoration: New Orleans, LA 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.		


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, L.L.C.					
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 / 3-31-2023			
Year registered		2012	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 time specified in the applicable MPR(s).			
15 years of experience		Ms. 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. Using her exceptional organizational skills, strong communication skills, and ability to problem solve as conflicts arise, she has a track record of completing projects on schedule and within budget. Ms. Kall’s career has focused primarily on serving municipal clients. Certifications: Traffic Control Supervisor, Traffic Control Technician, Certified Flagger			
04/21 - Ongoing		FEMA Roadway Restoration Program: New Orleans, LA 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.			
10/11 - 04/21		Hurricane Katrina Recovery Program - Infrastructure / Pavement Rehabilitation As Project Manager, Ms. 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. 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). During construction, Ms. 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.			
01/08 - 10/11		Hurricane Katrina Recovery Program: Plaquemines Parish, LA Ms. 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.			
01/08 - 10/11		Staff Engineer for Various Projects: New Orleans, LA Ms. 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.			

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, L.L.C.		
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 time specified in the applicable MPR(s).			
30+ years of experience	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. Certifications: Traffic Control Supervisor, Traffic Control Technician, Certified Flagger			
11/19 - Ongoing	FEMA Roadway Restoration Program: New Orleans, LA 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.			
03/07 - 10/09	Roadway Restoration Project: St. Bernard Parish, LA 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.			
11/11 - Present	St. Bernard Parish Bridge Design / Canal Crossings: St. Bernard Parish, LA 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.			
11/10 - 08/11	Bloski Avenue Extension: Belle Chasse, LA 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.			
03/02 - 10/02	N. Causeway Boulevard Roadway Improvements: New Orleans, LA 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.			





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, L.L.C.					
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 time 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		FEMA Roadway Restoration Program: 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		Quality Control Manager / Field Engineer / Superintendent for Various Projects: Kenner, LA 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.			

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		Ryan Schellhaas	Years of relevant experience with this employer	9	
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 time specified in the applicable MPR(s).			
9 years of experience		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. Certifications: Traffic Control Supervisor, Traffic Control Technician, Certified Flagger, Embankment and Base Course Inspector; Certified USACE Construction Quality Management for Contractors			
10/20 - Ongoing		RR004 / Bayou St. John, Fairgrounds, Seventh Ward Group B: New Orleans, LA 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.			
11/19 - Ongoing		FEMA Roadway Restoration Program: New Orleans, LA 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.			
03/07 - 10/09		Roadway Restoration Project: St. Bernard Parish, LA 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.			
09/19 - 03/20		MaxPave Roadway Program: New Orleans, LA 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			

04/18 - 02/20	<p>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> <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>
---------------	---

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 Consultant, LLC.				
Name		Paul Junker	Years of relevant experience with this employer	8
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 time specified in the applicable MPR(s).			
16 years of experience	Certifications: Certified Flagger			
	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: Tullis Drive, \$190K: drainage point repairs, water line repairs, concrete roadway restoration, ADA ramps, sidewalk repairs, catch basin repairs, Blair Street Repair, \$304K: drainage point and water line repairs, concrete roadway restoration, ADA ramps, sidewalk repairs, catch basin repairs. 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 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, General Meyer, \$1.2M: drainage point repairs, water line repairs, concrete roadway restoration, ADA ramps, sidewalk repairs, catch basin repairs French Quarter Municipal District, \$2M: drainage point repairs, water line repairs, concrete roadway restoration, ADA ramps, sidewalk repairs, catch basin repairs, manhole repairs			
05/16 - 05/19	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.			
08/17 - 08/19	Emergency Catch Basin Cleaning and Repair, 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. 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.).			
05/16 - 05/19	MaxPave Roadway Program, New Orleans, LA 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.
02/10 - 08/12	Roadway Restoration Program, St. Bernard Parish, LA 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.

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		Chaz Dunn	Years of relevant experience with this employer	1
Title		Lead Inspector	Years of relevant experience with other employer(s)	9
Degree(s) / Years / Specialization			B.S. / Geology / 2012	
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 time 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		
08/21 - Ongoing		FEMA Roadway Restoration Program: 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		RR004 Bayou St John 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. 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.		

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		Vincent Barker	Years of relevant experience with this employer	16
Title		Inspector	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			BS / 2009 / Business Management	
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 time specified in the applicable MPR(s).		
16 years of experience		Certifications: Certified Flagger, Certified USACE/NAVFAC Construction Quality Management for Contractors - #784, Certified HAZWOPER 40, Certified in The Clean Water Act		
08/21 - Ongoing		FEMA Roadway Restoration Program: 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.		
02/19 - 08/21		Roadway Restoration Program, St. Bernard Parish, LA Inspector on team responsible for restoration of all concrete and asphalt roadways, including associated infrastructure (i.e. sidewalks, driveways, drainage, sewer, and water) that suffered damage during Hurricane Katrina and the recovery process. Mr. Barker is responsible for the oversight of construction contractors as well as inspection of the construction process. He is also responsible for making sure that all jobs are completed correctly on time. Mr. Barker assisted in performing an inventory of all damaged roadways and associated infrastructure.		
05/16 - 05/22		Streetlight Management Services, New Orleans, LA Field Assessor responsible for collecting geospatial asset data for a systemwide survey of the street lighting system for the City of New Orleans. For each streetlight, he collected the GPS coordinate and recorded the condition of all assets associated with the streetlight, including the pole, base, manhole cover, support arm, luminaire, retractor, and any day burning streetlight.		
06/17 - 04/18		Emergency Catch Basin Cleaning and Repair, New Orleans, LA Lead Inspector and Field Assessor responsible for 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. 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.). 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.		
12/10 - 01/17		Streetcar Expansion Program, New Orleans, LA Lead inspector for the RTA Streetcar Expansion Phase II. Services included quality assurance, pay item tracking, and ensuring the accuracy of work quantities, daily progress reporting, photo documentation, and drawing/specification review, and daily updates of as-builts.		

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	4
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 time specified in the applicable MPR(s).		
21 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		FEMA Roadway Restoration Program: 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		RR004 Bayou St. John, Fairgrounds, Seventh Ward Group B: New Orleans, LA 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.		
10/20 - 11/20		Clarence Henry Truckway Turnaround Pavement Rehabilitation: New Orleans, LA 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.		


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		Carl McClurg	Years of relevant experience with this employer	13	
Title		Field Inspector	Years of relevant experience with other employer(s)	11	
Degree(s) / Years / Specialization		BS 1995 International Economics			
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 time specified in the applicable MPR(s).			
24 years of experience		Mr. McClurg brings nearly 25 years of experience construction and field inspection experience. At Royal, he oversees quality assurance, pay item tracking, and ensures accuracy of work progress. Certifications: American Galvanized Inspector Certification, OSHA 30-hour Construction and Health Safety			
10/19 - Ongoing		RR004 Bayou St. John, Fairgrounds, Seventh Ward Group B: New Orleans, LA Inspector responsible for conducting resident inspection services for the City of New Orleans Department of Public Works. Daily tasks included quality assurance, pay item tracking, and ensuring the accuracy of work quantities, daily progress reporting, and photo documentation.			
05/16 - 05/22		Street Light Management Services: New Orleans, LA Project Inspector, Carl McClurg, performs inspections and condition assessments of streetlight fixtures and poles and completed all associated documentation of findings. Royal is responsible for streetlight 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. Training of new inspectors on all processes, documentation, and safety.			
06/17 - 04/18		Emergency Catch Basin Cleaning and Repair Program: New Orleans, LA Project Inspector, Carl McClurg, 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. 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.). 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.			
03/07 - 10/09		Roadway Restoration Program: St. Bernard Parish, LA Project Inspector, Carl McClurg, is 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 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. Approximately 50 miles of roadway are being replaced according to State and Federal standards with a construction cost estimated at \$20,750,000.			
12/10 - 01/17		Streetcar Expansion Program: New Orleans, LA Lead inspector for the RTA Streetcar Expansion Phase II. Services included quality assurance, pay item tracking, and ensuring the accuracy of work quantities, daily progress reporting, photo documentation, and drawing/specification review, and daily updates of as-builts.			
09/16 - 12/16		Shelter at Home Program (SAH): New Orleans, LA Damage Assessor/Construction Inspector on team contracted by the Governor’s Office of Homeland Security and Emergency Preparedness (GOHSEP) to implement the FEMA-funded Shelter at Home Program for the State of Louisiana. The Program was initiated to perform emergency temporary repairs and power restoration in single-family owner-occupied residences following the Floods of 2016.			







	Responsibilities included determination of project scopes, document collection from homeowners, and inspections before and after construction. Tasks include initial inspections, or Initial Site Visits (ISVs) to assess and document damage, to establish a scope of work, and to collect documentation from the owner; and final inspections, or Final Site Visits (FSVs), to verify work order completion as per defined scope.
05/16 - 05/22	Street Light Management Services: New Orleans, LA Project Inspector, Carl McClurg, performs inspections and condition assessments of streetlight fixtures and poles and completed all associated documentation of findings. Royal is responsible for streetlight 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. Training of new inspectors on all processes, documentation, and safety.
12/10 - 01/17	Streetcar Expansion Program: New Orleans, LA Lead inspector for the RTA Streetcar Expansion Phase II. Services included quality assurance, pay item tracking, and ensuring the accuracy of work quantities, daily progress reporting, photo documentation, and drawing/specification review, and daily updates of as-builts.

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 Consulting, LLC.				
Name		James Hennegan	Years of relevant experience with this employer	8
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 time specified in the applicable MPR(s).		
16 years of experience		Certifications: Certified Flagger, OSHA 10-hour Safety Course, Ethics Training - Orleans Parish Sheriff's Office		
11/19 - ongoing		FEMA Roadway Restoration Program, 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		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, 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, 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		MaxPave Roadway Program, New Orleans, LA 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.		
06/17 - Ongoing		DPW Roadway Restoration, 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. Responsibilities include the oversight of contractors in the field, inspecting work product to project drawings/ specifications, schedule compliance, and site safety.		



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					
Name		Megan 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 time 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			
11/19 - ongoing		FEMA Roadway Restoration Program: 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		Clarence Henry Truckway Turnaround Pavement Rehabilitation: New Orleans, LA 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.			
09/19 - 03/20		MaxPave Roadway Program: New Orleans, LA 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.			

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		The Beta Group Engineering and Construction Services			
Name		Alex Jaramillo, P.E.		Years of relevant experience with this employer	
Title		Senior Project Engineer, Geotechnical Engineer		Years of relevant experience with other employer(s)	
Degree(s) / Years / Specialization		BS / 1999 / Civil Engineering			
Active registration number / state / expiration date		36324 / LA / 9-30-2023			
Year registered		2011	Discipline	Geotechnical Engineer	
Contract role(s) / brief description of responsibilities		Geotechnical Support			
Experience dates (mm/yy–mm/yy)		Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
24 years of experience		<p>Mr. Jaramillo has over 16 years of experience in the engineering field. Mr. Jaramillo has been employed by The Beta Group since 2011, at which time he was named Senior Project Manager. Prior to joining the firm, he gained experience with several geotechnical engineering firms including Gore Engineering, PSI and Ardaman and Associates. Mr. Jaramillo's experience was gained in positions such as: geotechnical field and laboratory testing technician and project engineer. As a geotechnical engineer, Mr. Jaramillo has managed various types of geotechnical projects, which vary from residential to heavy industrial. He prepares geotechnical reports containing recommendations for soil bearing capacity, settlement, pile capacities, sheet pile walls, lateral pile analysis, slope stability analysis, rigid and flexible pavement design, material enforcements, and site preparation. He also monitored drilling crew field operations on a daily basis. Currently, as Senior Project Engineer, Mr. Jaramillo is responsible for all geotechnical activities including performing subsoil explorations, completion of soils laboratory testing, geotechnical analyses for projects and completion of the geotechnical report.</p>			
11/20-Ongoing		<p>Roadway Expansions Perkins Rd. (Siegen Ln. to Pecue Ln.) Baton Rouge, LA This project consists of widening Perkins Rd. beginning at Siegen Ln. extending southeast to Pecue Ln. in Baton Rouge, Louisiana. The Beta Group, led by Alex Jaramillo, was responsible for: Geotechnical Investigation and Analysis: Atterberg Limits, Unconfined Compression Tests, Natural Moisture Content, Unit Weight Determination, Percent Passing #200 Sieve</p>			
11/20-Ongoing		<p>I-12: LA 21 to US 190, Covington, LA The Beta Group is responsible for: Pile Inspections and Pile Logging, Vibration Monitoring, Nuclear Method for In-Place Density and Natural Moisture Content Testing of Material, Concrete Inspections and Compressive Strength Testing, Ground Penetrating Radar Investigations</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 The Beta Group Engineering and Construction Services				
Name		Hannah Jenkins, E.I.	Years of relevant experience with this employer	1
Title		Project Engineer	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			BS 2022 Civil Engineering	
Active registration number / state / expiration date			0035170 / LA	
Year registered		2022	Discipline	Project Engineer
Contract role(s) / brief description of responsibilities			Geotechnical Support	
Experience dates (mm/yy–mm/yy)		Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
1 year of experience		Ms. Jenkins has worked for The Beta Group since September of 2021. She gained her start as a Geotechnical Intern and worked as such until she graduated in May of 2022 with a Bachelor of Science in Civil Engineering. Ms. Jenkins now serves as a Staff Engineer in Beta's Geotechnical Department. She has gained experience in both field and lab testing and analyses during her time at Beta, as well as performing a multitude of analyses including Deep Foundation Design, Lateral Pile Analyses, Pavement Design, Seepage Analyses, Settlement Analyses, Sheet Pile Analyses, Slope Stability, Time Rate Analyses, and many others. Ms. Jenkins has passed the Fundamentals of Engineering and is currently working towards her P.E. license.		
11/20-Ongoing		Roadway Expansions Perkins Rd. (Siegen Ln. to Pecue Ln.) Baton Rouge, LA This project consists of widening Perkins Rd. beginning at Siegen Ln. extending southeast to Pecue Ln. in Baton Rouge, Louisiana. The Beta Group was responsible for: Geotechnical Investigation and Analysis: Atterberg Limits, Unconfined Compression Tests, Natural Moisture Content, Unit Weight Determination, Percent Passing #200 Sieve		

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 The Beta Group Engineering and Construction Services				
Name		Mariana Cure	Years of relevant experience with this employer	10
Title		Senior Technician	Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization		High School Diploma, Asphaltic Concrete Certificate		
Active registration number / state / expiration date		Asphalt Plant Inspector / Technician / Louisiana / 12-12-2022 Technology Transfer and Training Section-LTRC / Louisiana		
Year registered	2022	Discipline	DOTD Certified Inspector	
Contract role(s) / brief description of responsibilities		Asphaltic Concrete Plant Inspector, Technician		
Experience dates (mm/yy–mm/yy)		Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
10/17 - 03/19		Lapalco (Victory - Westwood) LaDOTD: Certified Asphaltic Concrete Plant Inspector/Technician Beta provided construction materials testing for this project which involved concrete paving, concrete plant inspection, soils testing, asphalt field and plant inspection.		
02/17 - 03/18		St. Charles Avenue (LA Avenue - Calliope St.) LaDOTD: Certified Asphaltic Concrete Plant Inspector/Technician The Beta Group provided construction materials testing for this project which involved concrete paving, concrete plant inspection, soils testing, asphalt field and plant inspection.		
06/17 - 04/18		LA 18 (41 Street Ext. - Burmaster) LaDOTD: Certified Asphaltic Concrete Plant Inspector/Technician Beta provided construction materials testing for this project which involved concrete paving, concrete plant inspection, soils testing, asphalt field and plant inspection.		
03/18 - Ongoing		Airport Connector Roads LaDOTD: Certified Asphaltic Concrete Plant Inspector/Technician Beta provided construction materials testing and project management for this project which included concrete paving, soils and asphalt paving.		

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 The Beta Group Engineering and Construction Services				
Name		Thony Somoza	Years of relevant experience with this employer	10
Title		Senior Technician	Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization		Associate of Applied Science, Nunez Community College ACI Concrete Field-Testing Technician - Grade 1 ACI Aggregate Testing Technician - Level 1 ACI Concrete Strength Testing Technician ACI Concrete Laboratory Testing Technician - Level 1 Embankment and Base Course - LA DOTD Certified ATSSA Traffic Control Supervisor / Technician and Flagger Certified		
Active registration number / state / expiration date		Embankment and Base Course Inspector / Louisiana / 2-18-2024 Traffic Control Technician-LA State Specific / TCC & TCS renewed 5-29-2020		
Year registered	2022	Discipline	DOTD Certified Inspector	
Contract role(s) / brief description of responsibilities		Embankment & Base Course Inspection		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
04/17 - 05/18	LA-46 / LA-39 Improvements LaDOTD: Certified Embankment & Base Course Inspector Beta provided construction materials testing for this project which involved concrete paving, soils testing, asphalt field and plant inspection.			
02/17 - 03/18	St. Charles Avenue (LA Avenue - Calliope St.) LaDOTD: Certified Embankment & Base Course Inspector The Beta Group provided construction materials testing for this project which involved concrete paving, concrete plant inspection, soils testing, asphalt field and plant inspection.			
10/17 - 03/18	Lapalco (Victory - Westwood) LaDOTD: Certified Embankment & Base Course Inspector Beta provided construction materials testing for this project which involved concrete paving, concrete plant inspection, soils testing, asphalt field and plant inspection.			
11/20-Ongoing	Roadway Expansions Perkins Rd. (Siegen Ln. to Pecue Ln.) Baton Rouge, LA This project consists of widening Perkins Rd. beginning at Siegen Ln. extending southeast to Pecue Ln. in Baton Rouge, Louisiana. The Beta Group, led by Alex Jaramillo, was responsible for: Geotechnical Investigation and Analysis: Atterberg Limits, Unconfined Compression Tests, Natural Moisture Content, Unit Weight Determination, Percent Passing #200 Sieve			
11/20-Ongoing	I-12: LA 21 to US 190, Covington, LA The Beta Group is responsible for: Pile Inspections and Pile Logging, Vibration Monitoring, Nuclear Method for In-Place Density and Natural Moisture Content Testing of Material, Concrete Inspections and Compressive Strength Testing, Ground Penetrating Radar Investigations			

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.

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-need 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

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.

Firm name	Royal Engineers and Consultants, LLC	Past Performance Evaluation Discipline(s)*	CE&I
Project name	RR004 Bayou St. John, Fairgrounds, Seventh Ward Group B	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
- Non-Conforming Materials Notifications
- Recommendation for Approval of Testing Laboratory Pay Request
- Final Inspection Report
- Overrun/Underrun Statement
- Warranty Inspection Report
- Project Schedule
- Monthly Progress Report and Invoice
- Final "As Built" Drawings



Key Personnel: Carter O'Brien, Meaghan Faherty, Carl McClurg, David Schroeder, Ryan Schellhaas, Ryan Hebert, Michael Pugh, Courtney Kall, Chad Albert

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.

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



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.

Firm name	Royal Engineers and Consultants, LLC	Past Performance Evaluation Discipline(s)*	CE&I
Project name	RTA Streetcar Expansion Program	Firm responsibility (prime or sub?)	Prime
Project number	2010-19	Owner's name	Regional Transit Authority of New Orleans (RTA)
Project location	New Orleans, LA	Owner's Project Manager	Dale McDaniel
Owner's address, phone, email	2817 Canal St, New Orleans, LA 70119 504.522.7764 mcdanield@pbworld.com		
Services commenced by this firm (mm/yy)	02/11	Total consultant contract cost (\$1,000's)	\$915
Services completed by this firm (mm/yy)	01/17	Cost of consultant services provided by this firm (\$1,000's)	\$915

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

This multi-phase program consists of merging the rails of the French Quarter Streetcar line, the Convention Center Street/Riverfront Streetcar Line and the Uptown/Loyola Streetcar Line. The first of three phases of the program adds a new streetcar line connecting the Union Passenger Terminal and Canal Street. This route is along the main CBD corridor and impacts public and private underground utilities, communications, parks and roadways. It affects local businesses and residents.

Royal has been contracted to provide Construction Management services for inspections, document administration, a portion of the engineering management, and change order management.

Royal field inspectors observe demolition, excavation, utility re-location, piling, concrete, asphalt, earthwork, and track-work to ensure compliance with drawings and specification. Our inspectors also verify construction quantities and provide daily quality and progress reporting as well as photo documentation of the project. Separately from field inspection, Royal provides office engineering, overall program document control, administrative support, and seconded DBE compliance support.

Project Specific Disciplines included:

- Administrative Support
- Civil Engineering
- Construction Management
- Inspection Services
- Cost Estimating
- Document Control
- QA/QC
- Field Support Services
- Project Oversight
- Scheduling
- Staffing

Key Staff: Mike Pugh, David Schroeder, Vince Barker, Carl McClurg



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.

Firm name	Royal Engineers and Consultants, LLC	Past Performance Evaluation Discipline(s)*	CE&I
Project name	Westbank Multiuse Path	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)	10/19	Total consultant contract cost (\$1,000's)	\$104
Services completed by this firm (mm/yy)	05/22	Cost of consultant services provided by this firm (\$1,000's)	\$104

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

DPW's Westbank Multiuse Path included pavement restoration, utility repair and replacement (drainage only), sidewalks, ADA-Compliant Ramps, as well as replacement and repair to associated infrastructure. This project was more complex in nature than routine maintenance work, and were single site work orders that are larger in volume than routine maintenance sites. **Lawrence Street between Summer St. - Shirley Dr./Dead End** is a two-lane asphalt-surfaced road through a residential neighborhood in New Orleans West Bank. The work consisted of patching, milling and overlaying as well as installing ADA-compliant ramps. All work was successfully completed in accordance with DPW Standard Plans and Specifications. Royal provided construction management, resident inspection, quality assurance, administration, pay applications and closeout services. Staff included on-site and back-office support personnel.

Back Office Services included: General Construction Management & Administration Activities, Document Control Functions, Conduct Pre-Construction conference, Bid Review/Award Recommendation Work Order Basis, Platform development & maintenance, Develop & Produce Dashboards & Reports, Generate Details & Quantities and Manage Work Order Process, Review pay applications and recommend payment, Review proposed change orders for scope and cost reasonableness, Prepare contract change orders, Issue necessary clarifications of the contract documents, Evaluate of substitute or "or-equal" materials and equipment, Recommend substantial completion, and prepare substantial completion documentation, Prepare/submit record drawings, Assist with claims/disputes, Obtain warranty documentations, Conduct warranty period inspection, Prepare and submit any required permits not the responsibility of the contractor to obtain, Review contractor requests, Review and track material submittals.

Field Services included: Assist with technical issues arising during construction, Assist in coordination with utilities for relocations, Conduct progress meetings (bi-weekly), and prepare agendas and minutes, Monitor and track construction progress, Recommend work be rejected while in progress if not in accordance with contract, Obtain field measurements for estimated pay item quantities, Conduct preliminary and final walk-throughs, and prepare punch list.

Resident Inspection Services included: Observe construction at all times the contractor is working on critical work items, Inspect, measure and appropriately track (eligible) work completed for pay requests, Ensure work does not adversely affect utilities, adjacent areas and/or property, etc., Prepare daily field reports, and/or field books, Photograph and/or document work progress, Document and coordinate with A/E & DPW for unforeseen items encountered during construction, Coordinate with and monitor work performed by material testing agency, utilities, and other on-site visitors as required, Prepare memorandums or documentation required for field changes, Verify contractor providing adequate traffic control and site safety procedures, Prepare incident reports.



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.

Firm name	The Beta Group Engineering and Construction Services	Past Performance Evaluation Discipline(s)*	Geotech
Project name	Roadway Expansions Perkins Rd. (Siegen Ln. to Pecue Ln.)	Firm responsibility (prime or sub?)	Sub
Project number	12-CS-HC-0015	Owner's name	LaDOTD
Project location	Baton Rouge, LA	Owner's Project Manager	
Owner's address, phone, email			
Services commenced by this firm (mm/yy)	09/16	Total consultant contract cost (\$1,000's)	\$24
Services completed by this firm (mm/yy)	06/21	Cost of consultant services provided by this firm (\$1,000's)	\$24

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

This project consists of widening Perkins Rd. beginning at Siegen Ln. extending southeast to Pecue Ln. in Baton Rouge, Louisiana

The Beta Group was responsible for: Geotechnical Investigation and Analysis: Atterberg Limits, Unconfined Compression Tests, Natural Moisture Content, Unit Weight Determination, Percent Passing #200 Sieve

Key Personnel: Alex Jaramillo

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.

Firm name	The Beta Group Engineering and Construction Services	Past Performance Evaluation Discipline(s)*	Geotech
Project name	I-12: LA 21 to US 190	Firm responsibility (prime or sub?)	Sub
Project number	H.013866	Owner's name	LaDOTD
Project location	Covington, LA	Owner's Project Manager	
Owner's address, phone, email			
Services commenced by this firm (mm/yy)	11/20	Total consultant contract cost (\$1,000's)	As needed
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$94

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

The Beta Group is responsible for: Pile Inspections and Pile Logging, Vibration Monitoring, Nuclear Method for In-Place Density and Natural Moisture Content Testing of Material, Concrete Inspections and Compressive Strength Testing, Ground Penetrating Radar Investigations

Key Personnel: Alex Jaramillo, Thony Somoza

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.

Firm name	The Beta Group Engineering and Construction Services	Past Performance Evaluation Discipline(s)*	Geotech
Project name	Severn Avenue: Veterans to West Esplanade	Firm responsibility (prime or sub?)	Sub
Project number	H.011752	Owner's name	LaDOTD
Project location	Metairie, LA	Owner's Project Manager	
Owner's address, phone, email			
Services commenced by this firm (mm/yy)	11/20	Total consultant contract cost (\$1,000's)	As Needed
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$155

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

This project consists of removal and reconstruction of concrete roadway, drives, sidewalks, and handicapped ramps, combination curb and gutter, manholes, storm drains, catch basins, and drainage pipe.

The Beta Group is responsible for: Geotechnical Investigation and Analysis, Atterberg Limits, Natural Moisture Content, Sieve Analysis, Nuclear Method for In-Place Density and Moisture Content Testing of Material, Vibration Monitoring, Concrete Inspections and Compressive Strength Testing

Key Personnel: Alex Jaramillo, Thony Somoza, Hannah Jenkins

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 Structural PCCP, Asphalt Mill and Overlay, underground utilities, sidewalks, ADA compliant ramps and more.

Royal and our subconsultant, The Beta Group, have designed and constructed many similar multiuse sidewalk and pedestrian 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. heavy civil construction management experience. Mr. O'Brien has successfully executed more than 20 projects for LaDOTD.

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

Approach to the Project

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

Why Royal?



Understanding of and proximity to the project

Our offices are located less than 20 miles from the project site.








Knowledge of LaDOTD's processes and procedures

Our team includes Carter O'Brien and William Fontenot who have worked with LaDOTD for more than 14 years.



Our team has completed more than 100 similar roadway and pedestrian projects in Louisiana

 Post Award	 Pre-Construction	 Active Construction	 Substantial Completion	 Project Closeout
<ul style="list-style-type: none"> Design 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 Site visits will be done to assess the need for utility relocation, as coordinated with Jefferson Parish 	<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-builds
CONTRACT DAY 1 - 30		CONTRACT DAY 31 - 365		

Approach and Methodology



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. Should the LaDOTD laboratory be unavailable, The Beta Group will provide materials testing services throughout the project.



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 utilities, and review and respond to pre-construction RFIs before moving into the next phase.



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 asphalt and/or PCCP lots and Class 2 Base course are sampled and tested according to LaDOTD's specifications. 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.

Multi use path projects are of particular importance to ensure that ADA requirements are being met as the goal at completion is an increase in foot traffic. All of Royal's Resident Inspectors and Managers are thoroughly familiar with ADA regulations, slopes, and other requirements and will ensure that they are followed. Royal will inspect the contractors' grades during layout and before paving to help mitigate any issues before the contractor has paved.

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.

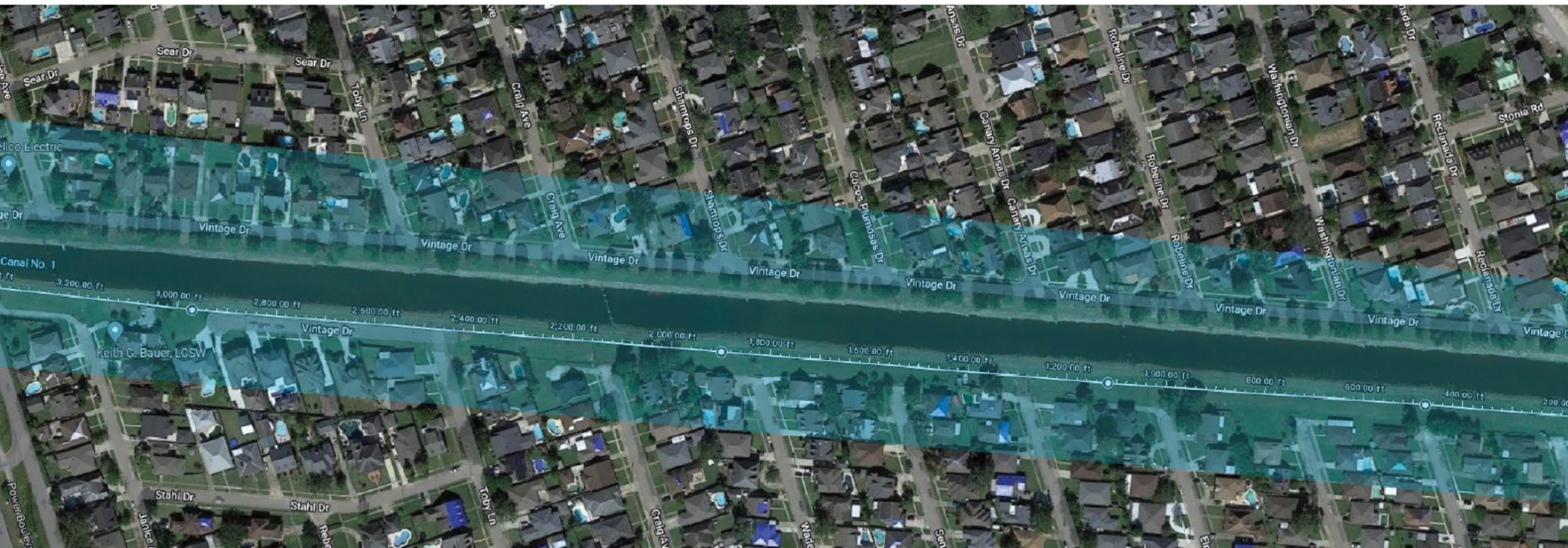
Closeout

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 location to be located in Jefferson Parish. The current site is in a residential area near Canal No. 1.



Aerial shot of the project site. Approximate project length over ½ mile.

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 and confirm that time requests are justified.

Sample Schedule

Vintage Drive Multi-Use Path: Power – Wilson (CE&I)

Task Name	Duration	Start	Finish	Q1			Q2			Q3			Q4			Q1		
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Contract Duration	365d	02/01/23	02/01/24															
Contract Execution	1d	02/01/23	02/01/23															
Notice to Proceed	1d	02/01/23	02/01/23															
Assembly Period	5d	02/01/23	02/05/23															
Pre-Construction	30d	02/02/23	03/03/23															
Construction	365d	02/02/23	02/01/24															
Final Inspection and Punchlist	30d	01/03/24	02/01/24															
Final Change Order	25d	01/08/24	02/01/24															
Closeout	30d	01/03/24	02/01/24															

DOTD Contract No. 4400025702 State Project No. H.013813.6

Project Success

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

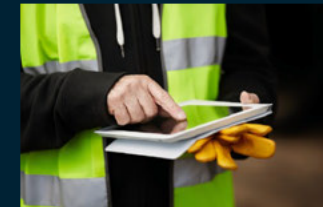
- Design-Build of access roadway
- Received CMAA Project Excellence Award - "Best Infrastructure Project under \$10 Million"
- Site design and construction roadway, storm water drainage, sidewalks, lighting, signage, and landscaping
- Royal's value engineering efforts reduced the total project price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

Inspector Tools



Smart Levels

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



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) *	State project number	Project name	Remaining Unpaid Balance**
Royal	N/A	N/A	N/A	\$N/A
The Beta Group	CE&I	H.013866	I-12: LA 21 to US 190	\$0 (As needed services)
The Beta Group	CE&I	H.011752	Severn Avenue: Veterans to West Esplanade	\$10,000
The Beta Group	CE&I/OV	H.012560	LA 23 Tunnel	\$3500
The Beta Group	CE&I/OV	H.013114.6	Southern University Erosion & Road Improvement	\$800
The Beta Group	CE&I/OV	H.011845	St. John East Bank River Trail, Phase 4	\$5000
The Beta Group	CE&I/OV	H.009471	Belle Chasse Bridge & Tunnel Replacement Project	\$200

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

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

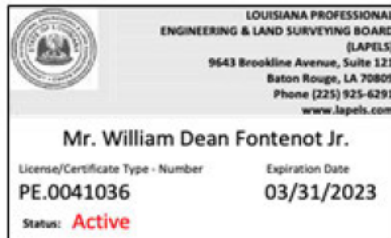
20. **Certifications/Licenses:** If the advertisement requires submission of licenses and/or certificates, include them here. Otherwise, leave this section blank.

Royal Engineers and Consultants, LLC:

Michael Pugh, P.E.



William Fontenot, Jr., P.E.



Courtney Kall, P.E.



Carter O'Brien, P.E.



Certifications and Licenses: Royal

Katherine Foreman, P.E.



Ryan Hebert, P.E.



David Schroeder



Thomas L. Ervin
Traffic Doc, LLC
209 Evangeline Drive
Monrovia, LA 70671-0884
Phone 980-373-4534

Dec 5, 2021

To Whom It May Concern,

This is to verify that the below listed employee Royal Engineers & Consultants have successfully completed ATSSA traffic control training courses in New Orleans, LA as described below:

LA Specific Traffic Control Technician (TCT) 11-80-21 - Wingham Facility, Ryan Schellhaas & David Schroeder

LA Specific Traffic Control Supervisor (TCS) - 12-P-21 - Wingham Facility, Ryan Schellhaas & David Schroeder

LA Specific Traffic Control Supervisor Refresher (TCS Refresher) 12-P-21 - Christopher Bartholme & Jim O'Brien

This letter will serve as temporary proof of successful course completion until the above listed employees receive their official certificates from the American Traffic Safety Services Association (ATSSA).

Should there be any questions regarding the above, please contact the undersigned at the above captioned address.

Best Regards,

Thomas L. "Tom" Ervin
Thomas L. "Tom" Ervin - ATSSA Master Instructor

Ryan Schellhaas



Thomas L. Ervin
Traffic Doc, LLC
209 Evangeline Drive
Monrovia, LA 70671-0884
Phone 980-373-4534

Dec 5, 2021

To Whom It May Concern,

This is to verify that the below listed employee Royal Engineers & Consultants have successfully completed ATSSA traffic control training courses in New Orleans, LA as described below:

LA Specific Traffic Control Technician (TCT) 11-80-21 - Wingham Facility, Ryan Schellhaas & David Schroeder

LA Specific Traffic Control Supervisor (TCS) - 12-P-21 - Wingham Facility, Ryan Schellhaas & David Schroeder

LA Specific Traffic Control Supervisor Refresher (TCS Refresher) 12-P-21 - Christopher Bartholme & Jim O'Brien

This letter will serve as temporary proof of successful course completion until the above listed employees receive their official certificates from the American Traffic Safety Services Association (ATSSA).

Should there be any questions regarding the above, please contact the undersigned at the above captioned address.

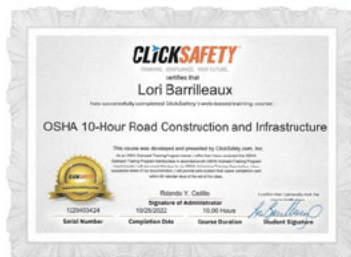
Best Regards,

Thomas L. "Tom" Ervin
Thomas L. "Tom" Ervin - ATSSA Master Instructor



Certifications and Licenses: Royal

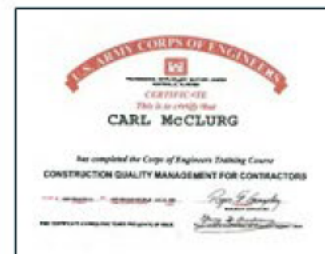
Lori Barrilleaux



Chad Albert



Carl McClurg



Meaghan Faherty



Thomas L. Ervin
Traffic Doc, LLC
2811 Thompson Drive
Bossier City, LA 70604
Phone 987-573-0134

Dec. 9, 2021

To Whom It May Concern:

This is to certify that the below listed employees Royal Engineers & Consultants have successfully completed ATSSA traffic control training courses in New Orleans, LA as described below:

LA Specific Traffic Control Technician (TCT) 12-00-01 - Meaghan Faherty, Ryan Schellman, & David Schneider

LA Specific Traffic Control Supervisor (TCS) - 12-0-01 - Meaghan Faherty, Ryan Schellman, & David Schneider

LA Specific Traffic Control Supervisor Behavior (TCS-Behavior) 12-0-01 - Christopher Burdette & Dan O'Brien

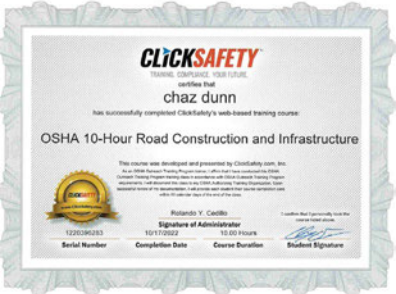
This letter will serve as temporary proof of successful course completion until the above listed employees receive their official certification from the American Traffic Safety Services Association (ATSSA).

Please direct any questions regarding the above please contact the undersigned at the above registered address.

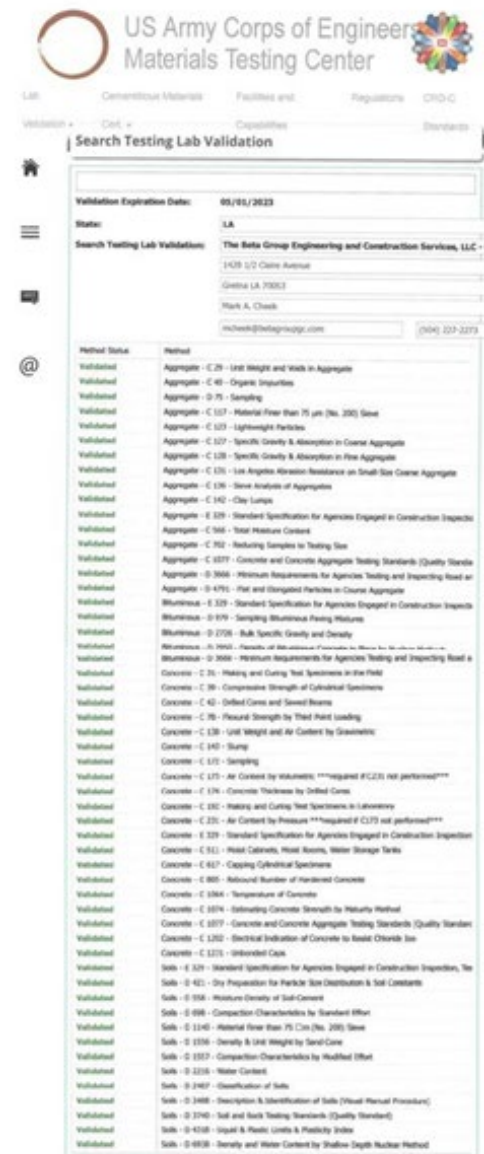
Best Regards,
Thomas L. "Tom" Ervin - ATSSA Master Instructor

Certifications and Licenses:
Royal

Chaz Dunn

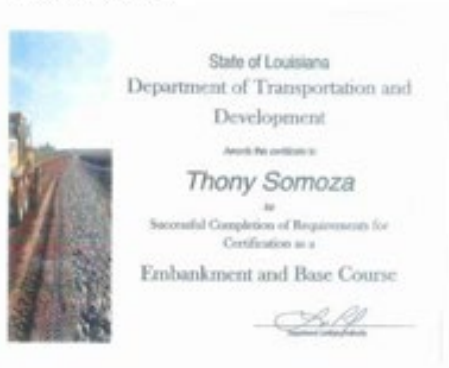


Certifications and Licenses: The Beta Group

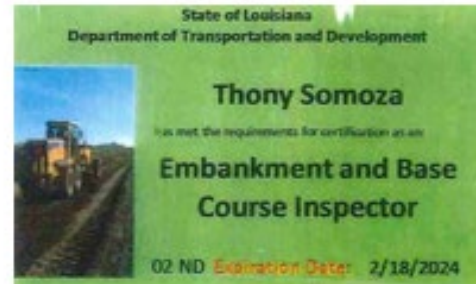


Certifications and Licenses:
The Beta Group

Mariana Cure



Thony Somoza



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

Per advertisement, Royal will submit our QA/QC Plan to DOTD PM within 10 Business days of the award notification. 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 (as registered with Louisiana's Secretary of State)	Address	Point of Contact and email address	Phone Number
The Beta Group	1428 1/2 Claire Avenue Gretna, LA 70053	Mark Cheek, P.E., Vice President mcheek@betagroupgc.com	504.227.2273

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.