

Ms. Heather Crain
Grants Manager
Livingston Parish Government
Grants Department
20355 Government Blvd., Suite E
Livingston, LA 70754

**RE: RFP NO. 75482034 – REQUEST FOR PROPOSAL (RFP) FOR ENVIRONMENTAL
CONSULTING SERVICES**

Dear Ms. Crain:

Ramboll Americas Engineering Solutions, Inc. (Ramboll) is pleased to present this proposal to provide environmental services to the Livingston Parish Government to support the implementation of various grant projects funded through the Louisiana Division of Administration, Office of Community Development (OCD) utilizing Community Development Block Grant-Mitigation (CDBG-MIT) funds for mitigation projects under the Louisiana Watershed Initiative. As may be requested, Ramboll would be pleased to provide further environmental services to Livingston Parish Government in connection with the Hazard Mitigation Assistance (HMA) Programs - Hazard Mitigation Grant Program (HMGP), Building Resilient Infrastructure and Communities (BRIC), Flood Mitigation Assistance Program (FMA), and the HUD Community Development Block Group Disaster Recovery (CDBG-DR), and other similar grant and disaster recovery programs.

Ramboll's staff includes a distinctively qualified team of professionals to assist the Livingston Parish Government with National Environmental Policy Act (NEPA) compliant environmental reviews in accordance with 24 CFR Part 58 as required for projects funded by the U.S. Department of Housing and Urban Development (HUD), Community Development Block Grant-Mitigation (CDBG-MIT), as well as stakeholder engagement, environmental studies and permitting.

Our technical proposal demonstrates our background and vast experience, our approach and methodology for the services anticipated, and the unmatched qualifications of our proposed staff. The majority of our staff are local and includes highly experienced NEPA and environmental practitioners who have been successfully providing the requested services to similar clients over the last fifteen (15) plus years, relying on our technical expertise, the quality of work products as well as our timeliness of delivery on complex assignments. Our proposed schedule and completion timeframes, exhibit how our team can add value to the Parish and the engineering team's operations. We propose to negotiate a financial compensation that is highly competitive on both an hourly rate basis and fixed sum basis for the various types of services and deliverables.

Date April 29, 2025

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As required in the RFP, Ramboll affirms the following:

- Ramboll has a full understanding of the types of environmental services pertinent to the CDBG funded activities subject 24 CFR Part as well as potential additional programs.
- Ramboll and our compendium of technical professionals are properly licensed and credentialed to practice in the State of Louisiana.
- Ramboll has not engaged in any unethical practices within the last five (5) years.
- Ramboll acknowledges and accepts complete responsibility for the entire contract, if awarded, including payment of any and all charges resulting from the contract.
- The letter and RFP response is made under signature of an individual who is authorized to provide information of this nature in the name of the Respondent submitting to the RFP.

Ramboll is a proven and trusted advisor. Our qualifications are demonstrated by the fact that we have been providing these same services in Louisiana since 2007 with a solid track record of outstanding performance, judgment, integrity, and economy. We envision ourselves as extensions of the Livingston Parish Government's staff and team members, proud to have served the citizens of Louisiana in a professional and expeditious manner. While the timeliness, quality and compliance history of our environmental reviews and various types of environmental reports are well known within LA OCD and HUD, we are committed to exceed your expectations for consulting services and compliance in support of the parish's mitigation projects. What sets Ramboll apart in terms of added value is our proven ability to provide regulatory, strategic and innovative solutions to unforeseen events and challenges. As an authorized agent of Ramboll Americas Engineering Solutions, Inc., I am pleased to submit this response to Livingston Parish RFP No. 75482034, documenting our capabilities and offering our services to the Livingston Parish Government.

Yours sincerely

A handwritten signature in blue ink, appearing to read "Burke J. Brooks, III".

Burke J. Brooks, III

Principal

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Intended for
Livingston Parish Government

Date
April 2025

Prepared by
Ramboll Americas Engineering Solutions, Inc.

Response to “Request for Proposal for Environmental Consulting Services”

Livingston Parish Government



RAMBOLL

Bright ideas.
Sustainable change.

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1. INTRODUCTION (TRANSMITTAL LETTER)

A Signed Cover Letter on Ramboll letterhead is included at the front of this proposal.

Stated in the April 29, 2025 letter herein, Ramboll Americas Engineering Solutions, Inc., as the Respondent certifies that the signatory is authorized to bind the Respondent.

The RFP response includes:

- a. A brief statement of the Respondent's understanding of the scope of the work to be performed to provide environmental services to the Livingston Parish Government to support the implementation of various grant projects funded through the Louisiana Division of Administration, Office of Community Development utilizing Community Development Block Grant-Mitigation (CDBG-MIT) funds for mitigation projects under the Louisiana Watershed Initiative. As well to provide further environmental services, as requested, to Livingston Parish Government in connection with the Hazard Mitigation Assistance (HMA) Programs - Hazard Mitigation Grant Program (HMGP), Building Resilient Infrastructure and Communities (BRIC), Flood Mitigation Assistance Program (FMA), and the HUD Community Development Block Group Disaster Recovery (CDBG-DR), and other similar grant and disaster recovery programs.
- b. Ramboll and our compendium of technical professionals are properly licensed and credentialed to practice in the State of Louisiana.
- c. Confirmation that Ramboll has not engaged in any unethical practices within the last five (5) years.
- d. Confirmation Ramboll acknowledges and accepts complete responsibility for the entire contract, if awarded, including payment of any and all charges resulting from the contract.
- e. This RFP response herein includes other information that Ramboll considers appropriate.
- f. The letter and RFP response is made under signature of an individual who is authorized to provide information of this nature in the name of Ramboll Americas Engineering Solutions, Inc.

2. BACKGROUND AND EXPERIENCE

A. Corporate Background and History of Ramboll Americas Engineering Solutions, Inc.

Ramboll Americas Engineering Solutions, Inc. (Ramboll), UEI HHL8UYMNHK57, is owned by a Foundation established by the founders of Ramboll, and by shareholders who are Ramboll employees. Our business expertise is environmental consultancy, environmental management, impact assessment, and remediation. Our corporate background and experience, as detailed below, includes 40+ years of environmental consulting in the United States as ENVIRON, prior to becoming part of Ramboll, which has been in business (1945) for almost 80 years.

Before merging with Ramboll in December 2014, ENVIRON International Corporation (ENVIRON) had been providing environmental services for 31 years. ENVIRON was founded in 1982 in Washington, D.C. as a privately held consulting firm providing a broad range of services to clients concerned with the problems of human exposure to potentially hazardous substances in the environment; in food ingredients and packaging; in drugs, medical devices, and consumer products; and in the workplace. The strong demand for chemical risk assessment and environmental risk management services that drove the firm's growth in the early years was fueled by the public's insistence that steps be taken to effectively manage exposure and health risks related to the products and by-products of industry and technology.

At the outset, the firm chose to pursue a course of planned, measured growth to meet the challenge of geographical expansion without diluting leadership or weakening the company's ability to perform sophisticated multidisciplinary engagements. The first ten years saw expansion to six domestic offices on both coasts. Subsequent domestic expansion positioned ENVIRON strategically throughout the United States. The Houston office was established in 1991. The Baton Rouge office was established in 2001 and was a prime contributor to the success of ENVIRON. The Monroe, Louisiana office, also established in 2001, added a group of world-class epidemiologists and toxicologists to the ENVIRON partnership. The New Orleans office was established in 2006 with its initial mission to perform environmental reviews in the New Orleans area. The current Gulf Coast Business Unit, managed by Principals in the Baton Rouge office, consists of Baton Rouge, New Orleans, Monroe, Houston and Dallas with a total of approximately 70 employees. The Gulf Coast Business Unit also has access to a vast amount of company resources that includes over 2000 additional U.S. based professionals.

In December of 2014, ENVIRON merged with Ramboll, a Danish consultancy with a worldwide presence and over 10,000 employees at that time. On May 1, 2015, the company name for American operations was amended to Ramboll US Corporation (Ramboll) under the Commonwealth of Virginia's State Corporation Commission.

After establishing a solid foundation and longstanding reputation in the United States, in December of 2014, the merger made Ramboll a leading engineering, design and consultancy company founded in Denmark in 1945. Ramboll Group now employs over 19,000 experts in the Nordics, North America, the UK, Continental Europe (including France, Germany and Italy), Middle East, and India and is supplemented by a significant representation in Asia, Australia, South America, and Sub-Saharan Africa. With more than 300 offices in 35 countries, Ramboll provides local experience with a global knowledgebase constantly striving to achieve inspiring and exacting solutions to the world's most complex environmental problems. Ramboll Group and Ramboll US Consulting, Inc. (now Ramboll Americas Engineering Solutions, Inc.) are privately owned by Ramboll Foundation (approximately 97%) and Ramboll Group employees.

In January 2019, Ramboll acquired the US engineering and design consultancy O'Brien & Gere, adding 900 employees to Ramboll, and establishing a new Principal Business Unit for the Americas with 2,000 experts within water, energy, environment and health. With this acquisition, we offered our clients enhanced, multidisciplinary solutions from front-end consultancy to back-end engineering, project delivery, and design-build services.

In December 2019, the world-renowned Danish architectural company Henning Larsen became part of Ramboll. With the Henning Larsen acquisition, Ramboll added 300 employees and united architecture, engineering, integrated design and strong digital solutions to make a positive impact on sustainability globally. In 2020, we significantly strengthened our offering through the acquisition of Web Structures – a Singapore-based leader in tall buildings. We also acquired the strategic transport planning and Smart Mobility company Strafica in Finland, which strengthened our position as a tech-enabled consulting company with a leading offering in Smart Mobility.

On January 28, 2022, EYP Mission Critical Facilities (EYPMCF) became part of Ramboll. This strengthens our position in the international premier league of data center consultancies whilst supporting our commitment to drive sustainable change and lower the carbon footprint of this growing sector.

Ramboll's history prior to even merging with ENVIRON International Corporation was focused on providing solutions for making societies and infrastructure more sustainable in the face of natural and anthropogenic challenges, what the company refers to as "livable cities." In every respect then, while ENVIRON had clearly been a leader in the services being provided, the merger with Ramboll has only made our services and our focus even more in line with the goals of HUD, the LA Office of Community Development and Livingston Parish Government than ever before. In other words, our unprecedented qualifications for this work have been elevated to an even higher level with the addition of worldwide resources who are facing and solving many of the same coastal problems as Louisiana.

Ramboll's philosophy and approach to providing services is rooted in client-centric thinking. Our clients are at the center of everything we do and are the prerequisite for Ramboll's success. Only by putting them first can we deliver the very best service and solutions, which is why being client-centric forms the central pillar of overall business strategy. It is about understanding our clients' needs and success criteria so that we can develop solutions that cater to these needs. Drawing on this knowledge and providing top quality and on time delivery, we can become the trusted partner that our clients prefer working with. To that end, our practitioners develop long-lasting trust-based client partnerships by being close to our clients and create value for clients by offering the best of Ramboll by combining both our global and local expertise.

A key qualification differentiating Ramboll from our competitors is that Ramboll's primary business focus remains in evaluating and mitigating human exposure to environmental and safety hazards. In fact, Ramboll's NEPA expertise extends beyond HUD into a number of other regulatory and specialized arenas. Such experience offers solutions and approaches that have been successful in other parts of the country and in other federal or state agencies. We are just as strong in conducting environmental reviews for non-housing projects as we are for housing projects and our non-housing experience is broad, covering buildings, fisheries, schools, streetscapes, drainages, pumping stations, utilities, recreational grounds, theaters and libraries, and a host of various types of critical facilities such as fire and police stations.

To summarize Ramboll's current status for the Parish's understanding, Ramboll's corporate organizational structure in the United States includes a Division President, CFO, and Market Director of North America who oversee the various geographic business units, including the Southern Region. The South Region, which includes the Gulf Coast Business Unit is managed by a Regional Director who is also a Baton Rouge Principal (Brian Glover). The Gulf Coast Business Unit includes offices in Baton Rouge, New Orleans and Monroe, Louisiana, as well as Houston, and Dallas, Texas. These offices, primarily Baton Rouge, will perform the vast majority of the work under this contract. Ramboll's staff has a group of employees which operate as a spearhead focused on Impact Assessment and NEPA related services. The designated Project Leader and a Principal in Baton Rouge (Burke Brooks) is part of the U.S. Leadership Team for Ramboll's Impact Assessment Services.

Section 4 includes a discussion of the proposed staff qualifications including key project team members' experience at the regional, state, and local levels. This information demonstrates the breadth and depth of the Ramboll team's experience to perform the complex assignments which may be needed in support of this contract.

B. Experience in Similar Federally Funded Projects

Ramboll's prior experience in meeting this criterion is unmatched by the fact that we have been successfully delivering these desired services to various Louisiana based clients since 2007 as well as equally large and complex environmental projects for agencies across the United States.

Ramboll's direct experience in conducting HUD Environmental reviews under 24 CFR Part 58 in Louisiana is unmatched in terms of numbers of projects, diversity of projects, variety of programs these projects are administered in, and geographic location. For example, in infrastructure projects alone, Ramboll has completed hundreds of environmental reviews. These projects range in complexity from relatively minor interior improvements to existing structures outside of any floodplain or historical district to new critical facilities (e.g., fire station) in a coastal high hazard area with wetland implications and critical drainage and transportation infrastructure. This experience, just to name a few, includes examples such as:

- An Environmental Assessment under Part 58 for a residential community in Calcasieu Parish, Louisiana through the widening and extension of a drainage outfall. The proposed surface and subsurface drainage project alleviated localized flooding concerns by improving the integrity of the drainage channels. (High Hope Road Drainage Project)
- An aggregate project under Part 58.32 comprised of 20 streetscape projects in New Orleans, many of which required consultation with SHPO for their review and approval of detailed plans and specifications. (New Orleans Streetscape Projects)
- An environmental assessment under 24 CFR 58 which evaluated drainage improvements to agricultural land located throughout Allen Parish, Louisiana through the restoration of approximately 15 to 20 miles of local drainage channels. Project activities in the Bayou Blue and Kinder Drainage Districts. The proposed drainage restoration project alleviated localized flooding caused by Hurricane Rita by restoring the integrity of the pre-hurricane channels. (Allen Parish Channel Restoration)
- An Environmental Assessment under Part 58 for a Marina located in Metairie, Louisiana. The harbor land-based facilities and the water-based pier and slip dock facility utilize the existing safe harbor that includes 27 acres upland reclamation area, a six-acre safe harbor, access channel to the lake paved access road over the levee, aggregate stone access roadbed, aggregate stone parking area,

water service to the site, and a 3.5 acre wetland mitigation marsh. (Bucktown Harbor Marina and Fisheries Improvements)

- An environmental review for a new hospital in St. Bernard Parish, working with the Hospital District to conduct a Phase I ESA, wetland delineation, and secure a Department of the Army Permit from the United States Army Corps of Engineers under the Clean water Act (Section 404), with mitigation bank planning as well as a review of alternative locations and alternative methods to achieve their objectives. (St. Bernard Parish Hospital Service District)
- Tier 1 and Tier 2 reviews under Part 58.15 for over 45,000 residential properties that required a comprehensive and coordinated technical approach in a relatively short period of time which required close coordination with LA OCD, HUD and various stakeholders. (Statewide Federal Assistance for Homeowner Recovery Programs Tier 1) and (Tier 2 – Restore LA Homeowner Assistance Program)

A list of additional projects and well as state and local governments that Ramboll has experience working with is provided in the attached Tables section.

Reference Contacts:

Tina Galloway, Director of MECCA
Louisiana Office of Community Development
(225) 342-1731 | tina.galloway@la.gov

Michelle Redler, Director of Environmental and Labor Compliance
Louisiana Housing Corporation
(225) 763-3959 | mredler@lhc.la.gov

C. Capacity to Accomplish Work

All of the key and notable staff proposed to support this project are located in Louisiana and are ready to support the Livingston Parish Government in their respective roles. This team is supported by the South/Gulf Coast Business Unit and Ramboll's Impact Assessment Global Service Line staff, it will be managed by a Principal and Senior Managing Consultant local to the Baton Rouge office with direct access to a team of additional local environmental professionals. Further, Ramboll has a pool of literally thousands of employees in the United States to supplement staff or lend additional expertise, as needed. Each of these individuals are degreed environmental professionals. Educational level, primary roles and responsibilities are indicated next to each of the key and notable staff members further described in Section 4. These individuals are all full-time employees who are available to meet the level of effort for the duration of the project.

D. Unique Characteristics/Relevancy to Ramboll Experience

Ramboll significantly exceeds the minimum desirable qualifications for this contract. Ramboll has been providing environmental science consulting for over 40 years, spanning a wide range of environmental services for both government and private industry. This experience has included environmental impact studies under various state and federal regulations, including the National Environmental Policy Act and all of the related laws and regulations. Our proposed team has been performing Phase I ESAs related to CDBG funding and HUD NEPA Environmental Review Records (ERRs) under 24 CFR along the Gulf Coast for more than fifteen years. Our technical depth, breadth, and knowledge of ASTM 1527-21 and 24 CFR Parts 51, 55, and 58 and proven track record of delivering high quality Environmental Review Records (ERRs) is unmatched. Ramboll offers global expertise with respect to

the qualifications of its staff to address hazards and impacts of any nature: toxicological, ecological, industrial, public safety, or human health. Ramboll has extensive specialized experience that is similar in all respects to this work.

Ramboll's experience is unmatched in performing Phase I ESAs and HUD 24 CFR Part 58 reviews for disaster recovery projects along the Gulf Coast including both housing programs and non-housing programs. As previously stated, we have completed or are working on environmental reviews for nearly 300 infrastructure projects of all types/programs, and we have evaluated over 45,000 properties under various housing programs over the past fifteen years. The vast majority of these have been HUD CDBG disaster recovery funded and have also involved a mixture of funding sources (HOME, CDBG-MIT, CDBG-NDR) which all require consideration of larger direct, indirect, or cumulative types of impacts than just what is being funded for the individual project. Ramboll is adept at understanding these types of dependencies. We are familiar with the reviewers at HUD in Dallas(regional), and Washington D.C. (national), and key personnel at various state agencies that are critical to the success of this contract. A key qualification differentiating Ramboll from our competitors is that Ramboll's primary business focus remains in evaluating and mitigating human exposure to environmental and safety hazards. In fact, Ramboll's NEPA expertise extends beyond HUD into a number of other regulatory and specialized arenas. Such experience offers solutions and approaches that have been successful in other parts of the country and in other federal or state agencies.

A brief summary of Ramboll's related contracts with State or Local agencies is listed in Table 1. A summary of completed recent relevant NEPA projects are listed on Table 2. Table 2 includes, most significant with regard to this proposal, projects from our prior and existing contracts with LAOCD for performing projects with these same services within last 5 years and prior. Ramboll since 2007 has developed and implemented project customized systems and tools and has been delivering similar services for the past 15+ years. Similarly, Ramboll performed these same RFP services for the City of New Orleans for over a decade. Ramboll therefore has no "learning curve" with respect to either ASTM Phase I /II ESA, 24 CFR Parts 51, 55, 58 or the Executive Orders, the processes in place, LAOCD's review requirements for the LA Watershed Initiative Program or any other administrative or technical aspect of this project. We successfully perform the scope of work outlined by this proposal every day at Ramboll.

In addition to the HUD environmental reviews noted above, the Ramboll team offers extensive experience in Louisiana governmental agency work. We have a history of performing environmental work under contract to the State for multiple Louisiana DEQ projects as well as for the TCEQ and other state agencies across the US. Our Louisiana agency experience provides a solid working knowledge of state government business policies and procedures that will assist in the daily coordination of the project. Ramboll has amassed a successful history of delivering high-quality work products to State agencies and other public organizations. Our experience in the government agency sector will ensure that all aspects of this project will be successful, including the technical and administrative aspects of the work.

Ramboll offers an unparalleled and uniquely qualified team approach that combines:

- Direct experience in performing the services in the RFP for the past 15+ years.
- A wealth of HUD Environmental Review experience and other relevant Environmental Assessment experience, demonstrating expert knowledge of ASTM 1527 and the HUD NEPA process. This experience includes extensive knowledge of Floodplain Management, Wetland Protection, Coastal

Barrier Resources, Environmental Justice, Coastal Zone Management, the Endangered Species Act, Sole Source Aquifers, the Farmland Protection Policy Act, the Wild and Scenic Rivers Act as well as the Clean Water Act, the Clean Air Act and its amendments.

- An extensive, practical and recent knowledge of LA OCD's workflow process, formats, quality assurance/quality control program and preferred approach for demonstrating compliance with various agency and regulatory requirements. In short, we understand OCD's high standards and expectations for this work including responsiveness and communication.
- Expertise and knowledge of state and local environmental regulations that, although not specifically required to be addressed by HUD under Part 58, could significantly affect the project and necessitate inclusion as either grant conditions or recommendations for protection of public health or the environment. Such examples may include recently changed FEMA floodplain maps in various parishes and how these are to be adopted for each project under the HUD NEPA process, particularly the abbreviated "5-step" process, HUD's acceptance of certain exclusions for flammables under 24 CFR Part 51 Subpart C, LDEQ's application of storm water permits to multiple residential sites that are scattered across a given urban area, strategic assessment of contaminated sites where the State of Louisiana may have potential financial liabilities under Superfund or related laws, prohibitions for construction near flood control features such as levees, particulates control, chemical spill planning and control, coastal zone use permitting, state-designated natural and scenic streams, protection of flora and fauna of state interest, State water well rules, local historical district requirements, debris and solid waste management, existing programmatic or global types of clearances from state agencies for reliance and a number of other factors that are apparent to Ramboll, as a Louisiana company.
- A dedicated core staff of historical preservation and archaeological professionals who work with the State Historical Preservation Officer (SHPO) on a routine basis in processing reviews of HUD projects for both housing and infrastructure. This core team has developed a streamlined and direct approach with SHPO that provides the agency with the specific information required to conduct their review under Section 106 of the National Historical Preservation Act and applicable Programmatic Agreements.
- A very strong local presence and well-established state agency relationships at relevant agencies and offices, including a wealth of experience in performing work under contracts to State, Parish and Regional government agencies.
- Unmatched experience with modern technology to be used for execution of this project, including Geographic Information Systems (GIS) applications, portable programmed hand-held GPS-equipped tablets, and web-based project management software.
- A risk-minded understanding of the ASTM 1527-21 Phase I Environmental Site Assessment process as it relates to HUD's requirements for evaluating whether such impacts affect "the intended use" of the properties and, just as importantly, how to translate those findings into potential risks to the State of Louisiana and strategies to minimize the Parish's exposure.
- Notable direct experience with HUD's environmental review process as it relates to infrastructure projects. Ramboll has completed more than 100 individual Part 58 Environmental Review Records for CDBG funded projects involving land acquisition, drainage and/or infrastructure.

There are a number of characteristics that Ramboll knows will be desirable and relevant in successfully performing the proposed services based on the past 15 years of working seamlessly with State' Office of Community Development environmental staff. Some of these characteristics are described below.

Ability to Provide Rapid Technical Guidance and Assistance

For this contract, it will be critical to not only function seamlessly with OCD's environmental team, as an extension of the Parish's staff, but also to provide the Parish strategies and guidance as new projects / programs are brought online, assist with responding to audit inquiries, provide legally defensible documents, ensure the Parish's environmental records are complete, and to adapt to changing regulatory requirements. On a day-to-day basis, Ramboll will be there to support Livingston Parish and is committed to this high level of response and collaboration. Some specific additional experience is provided below that we know from experience is relevant to successful performance of the proposed services.

Ability to Conduct Various Levels of Environmental Reviews

Understanding the required levels of review, particularly for activities that may be added to various programs or changes to previously evaluated projects, requires a particular knowledge that Ramboll offers for this contract. Ramboll's experience includes providing reports for a range of projects at various levels of environmental review, such as aggregated projects, and re-evaluations under 24 CFR 58.47, as well as tiered reviews including Tier 1 broad programmatic reviews and Tier 2 site-specific reviews.

As an example of this range of expertise, in 2018-19, Ramboll completed for LA OCD a very complex environmental assessment for the acquisition of over 500 acres of land for the Isle de Jean Charles resettlement project. This project included potential impacts to historical sites, archaeological sites, wetlands, floodplains and offsite flooding concerns, geotechnical considerations, concerns with respect to contamination on the south end of the property, coordination with the Parish, local road issues, and a number of other factors that were identified, assessed, and mitigated, as necessary. We further identified, and helped to avoid, wetland restoration obligations that would have transferred to the State and was agent to the joint USACE/LDNR permitting. During this process, Ramboll worked seamlessly with numerous stakeholders and contractors to secure the required clearances. This highly visible project highlights the value that Ramboll brings to this contract.

Special Studies and Additional Assessments

As shown above, Ramboll's extensive knowledge and understanding of environmental permitting, approval and compliance requirements in all types of media (air, water, waste, emergency planning, public health, etc.) is our strength and shows its value in the listing of grant conditions that other firms simply may not even be aware of. Ramboll is confident that we have the established experience and local expertise for all of the special studies, additional assessments, permitting and compliance that may be warranted for this contract. A few examples of these types of studies anticipated to be needed are outlined below:

Wetland Delineation and US Army Corp Permitting

One key service that falls under this task is the performance of wetland delineations for jurisdictional determinations. Ramboll has extensive expertise and understanding of impacts of projects on wetlands and waters of the United States in accordance with Executive Order 11990, Section 404 of the Clean Water Act, Section 10 of the Rivers and Harbors Act, and the Louisiana Coastal Zone Management Act. The Ramboll team has conducted hundreds of wetland delineations in Louisiana and has assisted industries and governments in obtaining Section 404/Section 10 permits from the United States Army Corps of Engineers and Coastal Use Permits (CUP) from the Louisiana Department of Energy and Natural Resources Coastal Management Division. We have also assisted our clients in

preparing mitigation plans and in securing mitigation credits or implementing mitigation offset plans as part of the permit conditions. In other words, Ramboll's expertise goes beyond merely submitting requests to the Corps for a review; we understand that the entire NEPA process parallels wetland regulations in avoiding wetland impacts if possible, demonstrating alternative site locations and methods were fully considered and reasons rejected, and finally minimizing any impacts if such disturbance is unavoidable.



Ramboll has been successfully performing wetland delineations on behalf of select applicants at the request of area clients and coordinating requests for jurisdictional determinations on CDGB projects with the New Orleans district of the Corps for the last 15+ years. We have developed a positive and effective relationship with the New Orleans Corps District while working on projects of various types including similar infrastructure projects. Similarly, we have developed relationships with the LDENR to obtain timely responses with respect to the key HUD issue of whether the proposed project is consistent with the Coastal Management Act as well as the relevant issue for planning of whether the project requires a Coastal Use Permit from LDENR.

Phase II and RECAP Evaluations

The need for fully understanding the nature, magnitude, extent and potential risks in acquiring property may require collection of samples from various media following a Phase I ESA. In fact, this is required under EPAs "All Appropriate Inquiry" rules for entities to qualify for protection from CERCLA responsibilities. It is critical to fully understand the State of Louisiana's regulatory framework, options, processes and standards for various land uses, particularly how this ties into HUD's toxics policy to ensure that conditions do not affect the intended use of the property or pose a threat to human health above applicable standards. Ramboll would add that this work is necessary for our clients to understand what the liabilities may be for acquiring properties and how to best avoid or minimize such risks. This is a particular strength of Ramboll in Louisiana.

We have performed hundreds of Phase II assessments across the state, many of which have gone through LDEQ's RECAP process to obtain a "No Further Action" or some other determination. Our team includes a Registered Louisiana Geoscientist as required by law for these investigations as well as Ramboll's human health toxicologists who have worked closely with LDEQ on previous CDBG Disaster Recovery Projects to reach consensus on cleanup standards and remedies. Among many examples this has included the Lafitte Greenway and Reinventing the Crescent, which previously posed hazards of high concentrations of metals and polynuclear hydrocarbons but now serve as highly popular recreational areas based on Ramboll's work. Again, few, if any, firms can match Ramboll in these qualifications that dovetail into the HUD toxics policy.

Noise Studies per 24 CFR Part 51 Subpart E

A service that falls under this task with a high level of importance in NEPA assessments, especially in housing and infrastructure work, which composes a vast amount of Community Development Block Grant Funding opportunities are Noise studies per 24 CFR Part 51 Subpart E. If needed, Ramboll has a team of professionals that specialize in noise regulations, point source and ambient monitoring procedures and attenuation design. Ramboll's personnel have over 18 years of experience in noise compliance and impact management. Ramboll's noise compliance efforts span across private industry

as well as local (City of New Orleans), state (LA Department of Transportation) and federal agencies including but not limited to the Federal Transit Administration (FTA), the Federal Highway Administration (FHWA), the US Department of Housing and Urban Development (HUD). Of note, Ramboll has used a number of tools to demonstrate compliance with Subpart E without the need for field noise studies including use of published attenuation factors for various types of construction materials, use of DOTD data and density exemptions.

Threatened and Endangered Species Evaluations

Every environmental review must consider the potential to impact sensitive species. While the vast majority of projects are urban in nature or on previously disturbed properties being rebuilt upon, there has been the need for a biological review of potential impacts for certain projects. This has included for example the Isle de Jean Charles resettlement project that included 300 acres of forested wetlands with the potential for certain listed species, as well as relocations of MHUs on previously undisturbed lands. In each case, Ramboll's Louisiana-based team of biologists have performed field surveys to determine and document whether such species or their habitat were affected by the project. Since the Endangered Species Protection Act is one of the few laws that can delay or literally shut down a construction project, having this expertise and understanding the local species and habitats is a huge advantage to LHC and is again offered as a part of this contract.



Ramboll's unique and extensive capabilities are available to perform nearly any task that may be required for demonstrating NEPA compliance. Ramboll is well qualified to provide other services that may be necessary to fully comply with 24 CFR Part 58:

- Noise studies per 24 CFR Part 51 Subpart E;
- Explosive or flammable operations impact evaluations per 24 CFR Part 51 Subpart C;
- Human health risk assessments per 33 LAC:I.Chapter 13;
- Performing conformity compliance evaluations per 33 LAC:III.Chapter 14 (Determining Conformity of General Federal Actions to State or Federal Implementation Plans);
- Performing assessments of sensitive species per the Endangered Species Act of 1973;
- Performing studies, surveys, and consultation processes in accordance with Section 106 of the National Historical Preservation Act and Executive Order 11593; and
- Conducting wetland delineations in accordance with the Clean Water Act and Executive Order 11990 as well as permitting under Section 404, 408 and Section 10 of Rivers and Harbors Act.

Ramboll has an extensive working knowledge of Louisiana Environmental Laws and Authorities. In addition to compliance with federal environmental laws, NEPA requires compliance with state and local regulations as they pertain to a range of environmental factors. In fact, nearly every federal agency responsible for implementing such laws is either delegated or supplemented by a state or local agency. This means that the successful contractor must be highly familiar with these regulations, policies and procedures in order to complete the environmental review. Since Ramboll's core business has been assisting our clients with environmental compliance for decades in Louisiana, we know and work with these regulations, permitting requirements, and agency staff on a daily basis. Livingston

Parish would benefit directly from this knowledge and contacts for solving problems to mitigate hazards and formulate grant conditions that are sensible, timely and compliant.

E. Ramboll's Presence in and Commitment to Louisiana

All of the key staff proposed for this project, including the Principal and Project Manager, are Louisiana natives with a long history and solid reputation as environmental professionals, and extensive experience (15+ years) performing Part 58 NEPA environmental reviews for Louisiana Division of Administration Community Development Block Grant projects in Louisiana. As well as Phase I ESAs, environmental testing, wetland delineations, and various other environmental resource surveys and studies, for projects in Louisiana. Ramboll has a well-established Baton Rouge office and commits to a Baton Rouge headquarters for implementation of this contract. Our technical staff have all the experience and credentials needed to perform the necessary investigations in conformance with HUD and State of Louisiana regulatory requirements. In addition, Ramboll has a significant presence in New Orleans and in Monroe who have been extensively performing Phase I's and NEPA evaluations in the City of New Orleans and in North Louisiana. In other words, if selected, we are trained and ready to provide the requested services for Livingston Parish immediately.

F. Professional Errors and Omissions Coverage

Ramboll maintains insurance coverage (including Professional Liability coverage) which exceeds the requirements of this RFP. We have provided a sample copy of our Certificate of Insurance as evidence included within Attachment B.

3. SPECIALIZED KNOWLEDGE

A. Ramboll's knowledge and experience specific to the project described in Part One: Scope of Work, and 1.2 Scope of Services of the Request for Proposal.

Review each project description to ascertain and/or verify the level of environmental review required: Exempt, Categorical Exclusion not Subject to 58.5, Categorical Exclusion Subject to 58.5, Environmental Assessment, and Environmental Impact Statements.

Our staff have the depth of experience necessary to adequately review detailed scoping documents, construction plans and engineering design documents, accurately define the scope of each project, and evaluate the type and extent of activities in order to correctly determine the most appropriate level of review. It is also important to have a team that not only understands the general concept but is familiar with navigating the nuanced intricacies of project aggregation, to properly aggregate activities into projects and avoiding the pitfalls of illegal segmentation. Another key factor for ensuring the most appropriate level of review relies heavily upon practitioners having a solid working knowledge, and the ability to identify, 'extraordinary circumstances' that may trigger a higher level of review.

Ramboll has an extensive list of reviews completed in accordance with 24 CFR Part 58. These reviews were conducted for project activities at each level of review. A summary of this list including the approximate number of reviews and the level of review completed in the last 10 years is listed and summarized below. The proposed staff for this contract were integral to most of these projects.

- More than Fifteen (15) Tier 1 Programmatic Environmental Assessments (EAs)
- More than Forty-Five Thousand (45,000) Tier 2 Site Specific Reviews
- More than Thirty (30) Environmental Assessments
- More than Twenty (20) Categorical Exclusion Subject to 58.5
- More than Twelve (12) Exempt reviews



Level of Review Determination: 1-3 Days. Timeframes will vary depending upon complexity/extent of the project scope, volume of projects submitted simultaneously, and completeness of project information provided. In many instances, it takes less than 30 minutes to determine or verify the appropriate level of review for simple project that qualifies as Exempt or Categorically Excluded.

If possible, conduct tiered environmental review and submit broad and site-specific environmental reviews as required by 24 CFR Part 58.

Our team has Louisiana-based experience performing "tiered" environmental reviews including programmatic impacts and appropriate grant conditions at a Tier 1 level, development of Tier 2 "checklists" to be conducted once specific project locations are known, and implementation of the Tier 2 review in the field and delivering findings and related grant conditions on a property-by-property basis in a format that can be easily managed and applied. Further, this tiered review experience includes extensive knowledge of the technology and web-based systems for data collection, reporting, paperless uploads of all aspects of the reviews.

Our experience includes Tier 2 reviews under Part 58.15 for over 10,000 Louisiana Land Trust properties that required a comprehensive and coordinated technical approach in a relatively short period of time and required close coordination with LA OCD, HUD and various stakeholders. Over 500 properties reviewed using a tiered process for the Unmet Needs Program. And over 45,000 sites for the RestoreLA Homeowner Assistance Program. Complex issues such as levels of review, unknown reuse, transferable conditions, applicability of various standards, continued viability of the ERR, staged dispositions, and a host of other problems were solved with input from Ramboll.



Tiered & Site-Specific Reviews: 3-120 Days. Similar to project-based reviews, the length of time to complete a tiered review is highly dependent upon the level of review (most commonly performed as CEST or EA and the scope of project activities. Based on our understanding of the types of activities the Parish may be able to tier, we propose a CEST level tiered review with an estimated 120-day completion timeframe and 14 to 45-days to complete subsequent site-specific review.

Determine project activity compliance with 24 CFR 50.4, 58.5, and 58.6 Laws and Authorities.

Each project will be reviewed for compliance with the laws and authorities outlined in 24 CFR Part 58, as applicable, based on the level of review. The activities listed in 24 CFR 58.34(a) and 24 CFR 58.35(b), including administrative tasks, planning, design, environmental testing, etc. are Exempt or Categorically Excluded Not Subject To 58.5 (CENST) and therefore, only subject to compliance with the requirements at 24 CFR 58.6. As such, the environmental review will be limited to evaluation of the following resources:

- Flood Insurance
- Coastal Barrier Resources
- Airport Clear Zones / Runway Protection Zones

Certain activities listed at 24 CFR 58.35(a), such as project-based assistance and minor rehabilitation of existing structures or improvements, have been categorized as posing a relatively minor risk and potential for impact. Projects consisting of these types of activities are considered Categorically Excluded Subject to 58.5 (CEST), making them subject to evaluation of the requirements at 24 CFR 50.4 & 58.5 in addition to the previously outlined requirements. Therefore, the environmental review record will include evaluation of the following resource areas:

- Air Quality
- Coastal Zone Management
- Endangered Species
- Explosive and Flammable Hazards
- Farmlands Protection

- Floodplain Management
- Wetland Protection
- Historic Properties
- Noise Abatement and Control
- Site Contamination
- Sole Source Aquifers
- Wild and Scenic Rivers
- Environmental Justice

For projects that do not qualify as Exempt or Categorically Excluded, or projects with extraordinary circumstances where conditions at/affecting the site or resulting from the proposed activity have the potential to significantly affect the natural or built environment (including major rehabilitation, reconstruction, demolition, new construction, and change in land use), an Environmental Assessment is required (24 CFR 58.36). In addition to the resources listed above the environmental review record will include evaluation of the following:

- Land Development (Conformance with Plans, Compatible Land Use and Zoning, Scale and Urban Design, Soil Suitability, Slope, Erosion, Drainage/Stormwater Runoff, Hazards and Nuisances Including Site Safety and Noise)
- Socioeconomic Factors (Employment and Income Patterns, Demographic Character Changes, Displacement)
- Community Facilities & Services (Educational and Cultural Facilities, Commercial Facilities, Health Care Services, Social Services, Solid Waste Disposal and Recycling, Wastewater and Sanitary Sewers, Water Supply, Public Safety—Police, Fire, and Emergency Medical, Parks, Open Space, and Recreation, Transportation and Accessibility)
- Natural Features (Unique Natural Features, Water Resources, Vegetation, Wildlife)
- Climate & Energy (Climate Change Impacts, Energy Efficiency)



Exempt: 3-5 Days

Categorical Exclusion Not Subject To 24 CFR 58.5: 5-10 Days

Categorical Exclusion Subject To 24 CFR 58.5: 60-70 Days

Environmental Assessment: 90-100 Days

Prepare, complete and submit HUD required forms for environmental review and provide all documentation to support environmental findings.

Ramboll staff use HUD's suggested environmental review format for a project that requires an National Environmental Policy Act (NEPA) environmental assessment under Part 58. Ramboll staff are also proficient in use of HUD's Environmental Review Online System (HEROS) for use by Responsible Entities and Partners/Consultants in developing, documenting and managing environmental reviews including CDBG-MIT funded projects

Ramboll staff are also proficient in the use of the LAOCD's IGX System for use by the Louisiana Watershed Initiative Program in documenting and managing application data and environmental review information for the included CDBG-MIT funded projects.



At Ramboll, the careful preparation, compilation and submission all required HUD forms is an integral part of our environmental review process and is accounted for within the overall review timeframes.

Consult and coordinate with oversight/regulatory agencies to facilitate environmental clearance.

Our Project Managers have relationships with each agency and understand their preferences with respect to appropriate documentation to expedite their review. Such agencies include the USACE, SHPO, LDEQ and others which have worked out an approach with our staff to better streamline their review process. In the case of USACE and SHPO, a designated staff person acts as the liaison to avoid miscommunications and delays.

Our team developed the Local Agency Response Questionnaire (LRQ) process for expediting responses from local agencies to ensure compliance with the intent of an environmental assessment for impacts to local infrastructure and social services. These questions focus on impacts to local infrastructure and social services.



Agency Coordination and Consultation: 30-60 Days. The time required to coordinate and/or consult with the various oversight and regulatory agencies is determined by the scope, complexity and location of a project. The use of abbreviated consultation procedures under a Programmatic Agreement or Memorandum of Agreement/Understanding can significantly reduce these timeframes.

Perform or contract any special studies, additional assessments, and permitting.

The need for Environmental permits and compliance demonstrations or authorizations will be evaluated during the Environmental Review Record and will largely fall on the applicants to obtain approvals prior to construction or operation, depending on the permit. However, identifying such permits ensures communication of LHC's expectation that the project will comply with applicable environmental laws and standards. These may include USACE 404/10 permits, LDEQ construction storm water permits and associated storm water pollution prevention plans with best management practices, LPDES point source discharge permits, water well registration and construction codes, US Coast Guard approvals, permits for air emission sources including those that exceeding the 5 ton per year Act 918 exemption, spill control plans for oil and chemicals over 660 gallons in a single container or 1,320 total gallons in aggregate onsite, asbestos notifications prior to construction under NESHAP,

solid waste management compliance for debris, dust suppression to avoid offsite impacts in accordance with Louisiana particulate standards, needed approvals from the Levee Board or USACE if within specified distance from a federal flood control feature, and a number of other approvals or permits that are incorporated into conditions of accepting the grant award. As an example, LDEQ amended air permitting thresholds for emergency generators that would apply to infrastructure projects involving large scale pumping operations and Ramboll was able to assess whether any of the recent applicants were subject to these new standards. We identified specific types of projects that were exempt from a Coastal Use Permit from LDNR and we worked with city officials to resolve noise ordinance issues for intended projects. Our comprehension of other environmental standards arises from decades of core experience in multi-media permitting and compliance for our Louisiana clients. Ramboll is suited and willing to assist the Livingston Parish Government (LPG) and its applicants where needed in the attainment or approval of various environmental permits that could be deemed necessary or condition of a grant.

As discussed previously, Ramboll feels that our extensive knowledge and understanding of special studies, additional assessments, and environmental permitting approval and compliance requirements in all types of media (air, water, waste, emergency planning, public health, etc.) is our strength and shows its value in the listing of grant conditions that other firms simply may not even be aware of. Ramboll is confident that we have the established experience and local expertise for all of the special studies, additional assessments, permitting and compliance that may be warranted for this contract.

One key service that falls under this task is the performance of wetland delineations for jurisdictional determinations. Ramboll has extensive expertise and understanding of impacts of projects on wetlands and waters of the United States in accordance with Executive Order 11990, Section 404 of the Clean Water Act, Section 10 of the Rivers and Harbors Act, and the Louisiana Coastal Zone Management Act. The Ramboll team has conducted hundreds of wetland delineations in Louisiana and has assisted industries and governments in obtaining Section 404/Section 10 permits from the United States Army Corps of Engineers and Coastal Use Permits (CUP) from the Louisiana Department of Energy and Natural Resources Coastal Management Division. We have also assisted our clients in preparing mitigation plans and in securing mitigation credits or implementing mitigation offset plans as part of the permit conditions. In other words, Ramboll's expertise goes beyond merely submitting requests to the Corps for a review; we understand that the entire NEPA process parallels wetland regulations in avoiding wetland impacts if possible, demonstrating alternative site locations and methods were fully considered and reasons rejected, and finally minimizing any impacts if such disturbance is unavoidable.

Ramboll has been successfully performing wetland delineations on behalf of select subrecipients and coordinating requests for jurisdictional determinations on CDGB projects with the New Orleans district of the Corps for the last 15 years. We have developed a positive and effective relationship with the New Orleans Corps District while working on projects of various types including CDBG infrastructure projects. Similarly, we have developed relationships with the LDNR to obtain timely responses with respect to the key HUD issue of whether the proposed project is consistent with the Coastal Zone Management Act as well as the relevant issue for planning of whether the projects require a Coastal Use Permit from LDNR.



Specialized Studies: 30-120 Days. This will vary based on the type of study, assessment or permit required.

Prepare all responses to comments received during comment phase of the environmental review, including State/Federal Agency requiring further studies and/or comments from public or private entities during public comment period.

Our team of professionals will assist in responding to comments from the public, as well as State and Federal agencies during the review process, some of which may result in requests for further consultation and/or studies. The opportunity for comments during the environmental review process will occur at the following stages:

- Early engagement (including pre-consultation and informal consultation) with State and Federal agencies and other stakeholders.
- Formal consultation (including submission of detailed studies) with State / Federal regulatory agencies.
- Publication of Early Public Notice for Activities in the FFRMS Floodplain or Wetland
- Publication of Final Public Notice for Activities in the FFRMS Floodplain or Wetland
- Publication of the Combined Notice of Finding of No Significant Impact and Notice of Intent to Request a Release of Grant Funds

At each stage, our team will assist the Livingston Parish Government in preparing the appropriate response to each comment as necessary. Our team will function as an extension of Livingston Parish Government's staff to provide the agencies, stakeholders and the public, as seamless an experience as possible. We understand that a significant effort is expended by Livingston Parish Government staff prior to initiation of the environmental review and that the background, funding, scope, and relationships to other projects is critical information in completion of an ERR.



Response to Comments: 1-5 Days. Throughout the comment period, the Ramboll team will proactively monitor incoming comments, coordinate with the Parish and draft responses for immediate reply. This allows us to quickly progress to the next step in the process.

Maintain close coordination with local officials, project engineer and other members of the project team to assure appropriate level of environmental review is performed and no work is conducted without authorization.

The Ramboll project team will maintain close coordination with Livingston Parish staff, project engineers, local officials, and other members of the project team with the establishment of standing meetings, maintaining open channels of communication via phone and email, and providing updates on a weekly and sometimes daily basis as may be needed. We anticipate the need for weekly standing calls during the initial and highly active phases of the contract, to be reduced to a bi-weekly or monthly cadence as amenable.

The Project Manager will be dedicated to assuring effective and efficient project management. Our proposed team organization provides for a responsive and coordinated approach that ensures clear and immediate communication. We intend to coordinate with the Livingston Parish Government's project team on a project-specific basis to assure the appropriate level of environmental review is performed and no work is conducted without authorization. To facilitate this coordination, our practitioners have developed a status tracking sheet that provides, at a glance, not only the status of

the review, but specifically what data needs or decisions are required by the applicants or others in order to progress the environmental review process forward.



Coordination / Responsiveness: Our commitment to coordinating closely with the entire project team over the life of the project is evident in the responsiveness of our team, typically, within hours of receipt.

Complete and submit the environmental review record to OCD in accordance with current HUD requirements.

The environmental assessments routinely performed by these team members rely upon expert knowledge of related state and federal environmental statutes and regulations, including NEPA, HUD's NEPA implementing regulations at 24 CFR Parts 51, 55, and 58, and all of the federal statutes and programs noted above including knowledge and practical application of Programmatic Agreements (e.g., SHPO) and "global" clearances from agencies. In addition, the team has related experience dealing with state specific programs, issues and concerns, including OCD's CDBG-MIT funded Programs. In fact, our team has been performing HUD Environmental Reviews for decades on behalf of various state and local government agencies and has been completing HUD environmental Review Records for the LA OCD since 2007.

Ramboll will complete the Environmental Review and document the findings of review in an Environmental Review Record (ERR) electronically through a web-based service (the "deliverable"). As there are different levels of review with substantially different deliverables, we present the typical organization and steps for completing both a Categorical Exclusion Subject to 58.5 and an Environmental Assessment (58.36) Environmental Review Record.

The ERR documentation may typically include the following information:

- Executive Summary with grant conditions
- Summary Tables, if appropriate
- Project Description (grant application, drawings, and specifications, as appropriate)
- Determinations and Compliance Findings for HUD-assisted Projects (Environmental Assessment Checklist)
- Alternatives Analysis (if Environmental Assessment is required)
- Floodplain and Wetland "5 or 8-Step" documentation (if applicable)
- Federal and State Agency Correspondence
- Local Agency Correspondence (if Environmental Assessment is required; we propose use of a questionnaire developed by Ramboll in accordance with HUD guidelines as needed)
- GIS mapping showing relevant hazards and features (color high quality with legend)
- Photographs (typically showing hazards or critical observations)
- Public Notices for "8-step", FONSI and/or NOI, and RROF
- Certification and Request for Release of Funds

- Sources and References
- Distribution List



At Ramboll, the careful preparation, compilation and submission all required HUD forms is an integral part of our environmental review process and is accounted for within the overall review timeframes.

Conduct site visits to each project location and completion of a field observation report.

The lead Ramboll Auditor will inspect the property, assess potential physical impacts from the layout and related activities, identify potential hazards, potential environmental receptors, and sensitive resources, take photos, record observations and identify data gaps. Ramboll has developed processes for standardizing field inspection checklist electronically and the use of mobile tablets for completion in the field and for marking potential hazards ("observations") using the GPS receiver in the unit. As necessary based on the nature of the projects, Ramboll will coordinate site inspections with the Livingston Parish Government's project team to ensure site access and safety. Ramboll maintains detailed logs of communication, scheduled date/time and the resultant outcome pertaining to site visits.



Site Visit & Field Observation Report: 7 Days. Our team will coordinate and schedule site visits within 7 days (subject to the availability of participating members of the project team) using mobile tablets to document the visit and finalize the report the same day.

Prepare and submit for publication all public notices including, but not limited to the Notice of Finding of No Significant Impact (FONSI), Request for Release of Funds floodplain/wetland early and final notices in required order and sequence.

Ramboll is prepared to complete or assist the Livingston Parish Government with navigating and documenting these important processes. For activities proposed to occur in a floodplain or wetland, Ramboll will collaborate with the project team to draft the 8-Step Decision Making Process. As part of this process, our team will prepare and coordinate publication of two notices, the early notice which informs the public of a proposed action in a floodplain or wetland (required in Step 2 of the 8-Step Process) and the final notice which provides a public explanation of an action to be taken in a floodplain or wetland (required in Step 7 of the 8-Step Process). This is a critical process and Ramboll has won praise from HUD on our approach and technical presentation of alternatives and cumulative impacts. We are also aware of HUD policies related to identification of the FFRMS floodplain and the use of Effective FIRMs, Preliminary DFIRMs, Advisory Base Flood Elevations and other datasets, in addition to consideration of local ordinances. Since the basis of the funding is mitigating flood-related damage, LA OCD and the Parish have every reason to demand strict adherence to floodplain management principals and best practices and ensure that structures and equipment are properly designed and floodproofed or elevated appropriately to prevent recurrent flooding and property damage.

Immediately following completion of the environmental review process and approval of the environmental review record, Ramboll staff will prepare and coordinate publication of the Notice of

Finding of No Significant Impact (FONSI) and/or Notice of Intent of a Release of Funds (NOI-RROF) (as applicable based on the level of review). For projects which qualify as Categorically Excluded Subject to 58.5 (CEST), the final publication is limited to the NOI-RROF.



Publications: The time frame to complete publications are primarily driven by the statutory minimum comment or objection period for each:

Early Floodplain/Wetland Notice: 15 Days

Final Floodplain/Wetland Notice: 7 Days

NOI/RROF Notice: 7 Days

Combined FONSI, NOI/RROF Notice: 15 Days

*Prior to publication, an additional 3-7 days may be needed for the Parish or OCD to review and approve the publication.

Provide documentation of clearance for Parties Known to be Interested as required by 24 CFR 58.43.

At Ramboll, we believe that planning for resilient communities begins with stakeholder outreach and engagement. It is critical to work with community stakeholders to build consensus on community wide resilience solutions and facilitate implementation. Local stakeholders are the deepest source of information on the community's greatest priorities, as well as vulnerabilities to climate hazards. Community input also helps our team identify co-benefits that can support adaptation measures to improve quality of life and community resilience. Our team will meet with, listen to, and ask questions of the Parish's staff and engineering team, to gain a better understanding of on-the-ground conditions and begin identifying a framework of stakeholders and potentially interested parties. This information is then incorporated into the design and planning for site investigations, hazard assessments, environmental studies, biological surveys and resource assessments, to further flesh out a comprehensive list of stakeholders and potentially interested parties which may include local residents, workers, business-owners, community organizations, local, state and federal agencies, non-profit organizations, special interest groups and others. Our experienced engagement professionals will then translate complex technical data into simplified and easy to understand documents for public dissemination during the various phases of stakeholder engagement throughout the environmental review process, the last of which is the agency issued Finding of No Significant Impact (FONSI).

Ramboll understands the criticality of correctly implementing the procedural requirement to disseminate and/or publish the FONSI as outlined in 24 CFR 58.43. Adherence to the proper sequence



At Ramboll, the careful preparation, compilation and submission all required HUD forms is an integral part of our environmental review process and is accounted for within the overall review timeframes.

and timing of events is evidenced by specific dates within the required documentation and serves to ensure completion of the completed environmental record occurs prior to issuance of the FONSI, dissemination of the FONSI to inform all known and potentially interested parties (including government agencies, stakeholders and members of the public) of the agency's Finding prior to the

commitment or expenditure of funds, and to ensure the provision of reasonable means and opportunity to comment (or subsequently object) to the Request for Release of Funds (RROF).

Process environmental review and clearance in accordance with NEPA.

All projects with a Federal Nexus must comply with the National Environmental Policy Act of 1969 (NEPA), which requires federal agencies (and their designated counterparts) to analyze the potential environmental impacts of proposed actions, consider practicable alternatives and avoid or mitigate adverse impacts to the greatest extent practicable – and to do so, prior to approving or implementing the action. NEPA is a policy designed to promote environmental awareness and create accountability amongst federal agencies. Although the Council on Environmental Quality (CEQ) regulations set minimum requirement for agencies to fulfill their NEPA obligations, the regulations also require each



At Ramboll, the careful preparation, compilation and submission all required HUD forms is an integral part of our environmental review process and is accounted for within the overall review timeframes.

agency to establish individual policies and procedures for implementing NEPA, taking into consideration the agency's mandates, obligations and mission.

The procedures established by the U.S. Department of Housing and Urban Development (HUD) are codified under 24 CFR Parts 50 (outlining HUD's environmental responsibilities) and 58 (for entities assuming HUD's environmental responsibilities, as allowed). Thus, the process of performing environmental reviews in accordance with HUD's Part 58 regulations, as described above, are fully compliant when providing clearance in accordance with NEPA.

Advise and complete environmental re-evaluations per 24 CFR 58.47 when evidence of further clearance or assessment is required.

Understanding the various levels of review and specific triggers for different review procedures, particularly when activities may be added to, or removed from, the scope of a project, or changes in the circumstances or environmental conditions have the potential to affect previously evaluated projects, requires a particular knowledge that Ramboll offers for this contract. Ramboll's experience includes re-evaluating projects at various levels of environmental review (including tiered reviews) in accordance with 24 CFR 58.47, for all types of projects and preparing documentation consistent with HUD standards and guidelines.

As participants in the regularly scheduled progress meetings, our team will be able to assist the Parish in identifying and evaluating potential re-evaluation triggers as they surface. In many situations, a re-evaluation is as simple as appending a memorandum to the ERR documenting the circumstances



Re-evaluations: 1-100 Days. Re-evaluations which are limited to reviewing and documenting a scope change can be completed in as little as 1 day; however, re-evaluations have the potential to re-open the environmental review process, and in rare cases require an increased level of review (CEST > EA) with the corresponding timeframe for completion.

prompting the re-evaluation were inconsequential to the review determinations and outcome. In other circumstances, substantial revision to the ERR may be required. In these cases, a stop work order may be necessary during the re-evaluation process. Depending on the circumstances, the re-evaluation may require supplemental surveys/studies, consultation, public notices, and creation of a supplemental or revised ERR to integrate the information. In extreme cases, a higher level of review may be required (EA vs. CEST). Re-evaluations which result in the need for a FONSI and/or NOI-RROF (where one was not previously published) will require publication of the notice and submittal of RROF FORM 7015.15. Upon receipt of the Authorization to Use Grant Funds (AUGF) FORM 7015.16, the revised or supplemental ERR will be appended to the original review, and the project may proceed.



Reporting: 7-14 Days. Our team will coordinate with the Parish to define monthly reporting metrics and prepare a mock-report for review within 7 days. Upon approval, Ramboll data management staff will automate data driven components of the report.

Prepare and submit Monthly Status Report; and

The Ramboll team understands that tracking performance is pivotal to successful project implementation. One of our first priorities will be to meet with Livingston Parish Government staff to outline key performance metrics and milestones of greatest interest to the Parish. Based on this information, our team will develop monthly project status reports that provide a clear picture of the environmental review status relative to specific milestones, important tasks accomplished during the previous month, and performance targets for the next month, for each project. The Monthly Status Report will be designed with metrics to support the project team in the challenging task of managing multiple individual projects at varying stages of review and implementation with consistent project controls and reporting metrics.

Participate in regularly scheduled progress meetings.

Ramboll's Project Manager and selected members of the Ramboll team, will participate in regularly scheduled progress meetings alongside Livingston Parish Government staff to provide updates on projects under environmental review, clarify regulatory requirements and procedures as needed, and collaborate with the Parish, engineering team and other members of the project team to facilitate environmental compliance throughout the planning and implementation process.



Meetings: As early as Day 1, the Ramboll team will be available to participate in regularly scheduled progress meetings alongside Livingston Parish staff.

4. PERSONAL/PROFESSIONAL QUALIFICATIONS

A. Information of professional staff to be involved in the project, including resumes and relevant information supporting professional qualifications for this project.

The core of the Ramboll team consists of the following seven professionals living and working within the State of Louisiana. The team also has significant additional trained and qualified staff to lend additional expertise and support as needed, located in Louisiana and throughout the United States, many of whom have experience conducting similar NEPA environmental reviews.

Resumes for the key members of the Ramboll team are provided in Attachment A, additional staff resumes are available upon request. Resumes include summary listings of NEPA-related and 24 CFR Parts 51, 55, and 58 experience and inspection expertise and the additional information required in Scope of Work of the RFP. These individuals are considered some of the most knowledgeable NEPA consultants in the State of Louisiana with many years of experience performing Environmental Assessments in the state. Nearly all of these individuals have direct experience performing various aspects of environmental reviews under HUD Part 58 over the last 10+ years.

Partnerships and DBE/SBE Participation

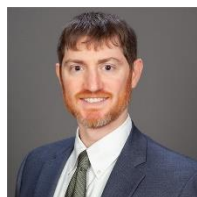
Ramboll proposes to strategically partner with highly qualified local firms to strengthen our technical capabilities. The Ramboll team is pleased to partner with local entities which demonstrate a willingness and intent to promote full and equal business opportunities in accordance with race and gender-neutral qualification. This includes the teaming of partners who qualify for Woman Owned Small Business and Disadvantaged Business Enterprise programs. Below are two highly qualified firms identified as potential teaming partners which have acknowledged desire/acceptance to work with Ramboll in execution of applicable services as needed.

- Coastal Environments, Inc. (a SBA certified Woman Owned Small Business) – Cultural Resources, Historic Preservation and Section 106 consultations, Biological/Species Survey
- L&M Environmental Response, LLC (a SLDBE, DBE/SBE and SBA certified Woman Owned Small Business) – ASTM Environmental Site Assessments, Permitting and Compliance

These partnerships reflect our commitment to leveraging local knowledge, technical excellence, and inclusive business practices that encourage minority-owned firms and women's business enterprises to deliver successful outcomes for the Livingston Parish project. Additional subcontractor qualifications and documentation of applicable certifications information is available upon request.

Our Ramboll key staff members, all higher education degreed professionals (College Degree, Masters or Ph.D) proposed for this project and their proposed roles are described in brief below.

Burke "BJ" Brooks, Principal, Baton Rouge, LA (Principal in Charge - Resources, Contract and Technical Expertise)



Serving the project as overall direct contact for staff resources, project management and client contract a Principal with Ramboll, Burke "BJ" Brooks specializes in in NEPA Environmental Reviews and Programs. Working through complex multimedia assessments and compliance, he is an expert with respect to infrastructure and community development related assessments. Mr. Brooks serves in the role of Program Manger for Ramboll's current work with the LAOCD. His more than 18 years of experience and knowledge extends to include human health risk assessment investigation

design and reporting, RCRA solid and hazardous waste permit compliance, ASTM Due Diligence (Phase I/Phase II ESA), groundwater monitoring, odor sciences, remediation project design and cost evaluation, contractor procurement and management, Geographic Information System (GIS) data management and mapping tools, as well as assistance in numerous environmental permitting processes. His extensive onsite experiences include environmental investigation, sampling and remediation oversight in sediment, soil, groundwater, surface water, ecological and waste media. He serves as a leader for Impact Assessment practice within Ramboll and has experience in identification of environmental, health, and safety liabilities through extensive site assessments and compliance projects.

Brian Glover, Regional Director, Baton Rouge, LA (Regional Director – Resources and Contracts)



Brian Glover is the Regional Director for Ramboll's South Operations. He supervises a staff of approximately 125 and provides oversight of all operations, contract negotiations and management, and directs Project Managers and Project Directors in complex project development and execution ensuring work is performed efficiently and effectively. Mr. Glover approves all hiring decisions and subcontractors. He has almost 30 years of experience and technical expertise in environmental permitting, environmental compliance management, regulatory agency liaison services and impact assessment. Mr. Glover directs large complex projects including multimedia consulting services ranging from site selection and due diligence through permitting, project implementation and compliance. He has provided significant leadership supporting his clients in greenfield and major expansion projects with EJ analyses and public engagement in a wide variety of industry sectors. Mr. Glover maintains long-term relationships with regulatory agency staff and has extensive knowledge of environmental permitting regulations, policies, and procedures.

Karyn Desselle, Senior Managing Consultant, Baton Rouge, LA (Project Manager, NEPA Compliance Lead)



A Senior Managing Consultant in the Baton Rouge office and will lead the NEPA Permitting and Compliance effort for this project as Project Manager. Karyn Desselle is a seasoned environmental professional with more than 18 years of experience implementing and managing the NEPA process for projects with a federal nexus. She has facilitated environmental compliance and obtained the necessary local, state and federal authorizations for multi-million-dollar state-administered housing and economic development programs, as well as energy, transportation, infrastructure, and land development projects in Louisiana, Florida, New Jersey, North Carolina, South Carolina, Texas, Puerto Rico. She has extensive experience preparing NEPA documentation, conducting public outreach, and engaging with state and federal agencies and other stakeholders (NGOs, PNPs, public and private sector project proponents), and has worked with the EPA, FEMA, FWS, FAA, FHWA, HUD, NPS, NRCS, USACE and USDA in varying capacities as the regulatory oversight, lead, cooperating or action agency, and their state counterparts to ensure compliance with regulatory environmental requirements, assess impacts to environmental and cultural resources, and obtain permits and authorizations. Karyn is skilled at navigating the intricate framework of NEPA-related laws, authorities and fostering collaborative relationships with regulators and minimizing environmental risk.

Kenny Lee, Senior Managing Consultant, Baton Rouge, LA (Project Manager – Field Data Collection)



Mr. Kenny Lee will as a project manager will assist in overall coordination and execution of the project including quality, deliverables, scheduling and invoicing and will work closely with Program Managers and staff. Mr. Lee, located in Baton Rouge, has specialized in managing and directing HUD NEPA environmental reviews in Louisiana for well over 17 years, including infrastructure and housing projects. He has managed all aspects of the 2016 Unnamed Storms Tier 2 housing reviews for the LA OCD LPRG/Unmet Needs program since its inception including problem “Chinese” drywall and Tier 2 reviews. Since 2008, Mr. Lee has overseen the completion of more than 60 environmental assessments in the infrastructure, fisheries, and housing sectors including assistance in conducting reviews of over 50 infrastructure projects, over 8,000 residential properties for the Louisiana Land trust project, over 19,000 with the Restore LA Program for 2016 Unnamed Storms, and more than 25,000 for the ongoing Restore LA for the 2020 and 2021 Storms. In doing so, Mr. Lee and his project teams have worked closely with local government entities throughout Louisiana, from Cameron Parish to Plaquemines Parish. His experience includes reviews on sites ranging from the rehabilitation of existing facilities such as Post Offices and School Board facilities, to roads and bridges, marine harbors, shipyards, and boat launches. In addition to these lines of experience, he has more than 35 years of experience providing EHS regulatory and compliance support working in the chemical/petrochemical industry specializing in process safety management (PSM) and industrial safety as well as RCRA and solid waste compliance, LPDES/NPDES, stormwater, wastewater and environmental, health and safety (EHS) management systems. He has specialized in providing EHS regulatory and compliance support, including conducting more than 300 multimedia environmental, health and safety compliance audits and health and safety management system audits in numerous industry sectors with emphasis in the chemical, petrochemical, manufacturing, spirits, and food sectors throughout the United States, Puerto Rico, and St. Croix, Virgin Islands. This support also includes regulatory determinations for both state and federal hazardous waste (RCRA), Solid Waste, LPDES/NPDES, SPCC, FRP, SWPPP, CERCLA and RMP regulations as well.

Adam Goodine, Senior Managing Consultant, New Orleans, LA (Due Diligence, Wetlands, and Listed Species Lead)



Adam Goodine is a Senior Managing Consultant in the New Orleans office and will lead the Due Diligence, Wetlands/Waters U.S. Army Corps effort for this project, along with any biological listed species analysis on behalf of the Livingston Parish project team, if determined necessary. Adam is a biologist with almost 20 years of experience in environmental science and biology, with particular emphasis in the areas of site assessments, due diligence, and wetland science. Mr. Goodine has conducted onsite reviews and managed over a hundred Phase I ESA's in the Gulf Coast region and throughout the eastern United States. His assessment work has included a wide variety of property types such as vacant land; commercial facilities including strip malls, retail outlets, gas stations, etc.; industrial facilities such as manufacturing plants and oil and gas operations; and complex plant operations such as steel mills. Several of these assessments have led to Phase II testing and remediation being required. Mr. Goodine's specific wetland experience is focused on delineation and impact permitting; wetland impact assessments; upland and wetland vegetation surveys throughout the United States Gulf Coast; and field research using geographic information systems (GIS). Mr. Goodine's work focuses on wetland and water quality functional assessment in both state and federal regulatory contexts; this includes impact permitting relative to human disturbance and development of appropriate mitigating measures to provide offsets for wetland functional loss resulting from development. He has extensive experience securing federal authorization for impacts to wetlands and

water through the United States Army Corps of Engineers. Furthermore, Mr. Goodine has detailed experience leading supporting studies (such as field evaluations and survey) to support such state and federal permitting actions.

Mike Thompson, PE, Senior Project Manager, Baton Rouge, LA (Technical Advisor, Water Permitting and Compliance Lead)



Michael Thompson is a Louisiana-registered professional environmental engineer with more than 24 years of experience in private consulting, as well as the public sector. He is an experienced environmental instructor in the water and wastewater specialty areas and holds Class 4 Water and Wastewater Operator licenses in the water production, water treatment, water distribution, wastewater collection, and wastewater treatment categories. Michael's experience includes regulatory compliance and permitting under the Clean Water Act and Safe Drinking Water Act, troubleshooting and optimization of water and wastewater treatment systems and strategy development for process control. He has designed wastewater collection and treatment systems, potable water process & system design support, operation and maintenance (O&M) and training manual preparation, and start-up & commissioning services.

L. Rivers Berryhill, Lead Consultant, Baton Rouge, LA (Part 58 ERR Lead Auditor)



Ms. Rivers Berryhill a former Environmental Impact Specialist with Louisiana Housing Corporation uses her unique background in archaeology and the environment to focus on Environmental Impact Assessments, Housing and Urban Development (HUD) programs, and National Environmental Policy Act (NEPA) projects. Her experience includes HUD's Part 58 Environmental reviews, Section 106 Desktop reviews, National Housing Trust Fund (NHTF) reviews, Continuum of Care (CoC) reviews, Historic Preservation Grant (HPG) reviews, Phase I and II cultural resource investigations, and mold and asbestos inspections and testing. Ms. Berryhill is well-versed in the HEROS platform and has extensive experience compiling and reviewing Environmental records for HUD projects.

**TABLES – SUMMARY OF EXPERIENCE IN ENVIRONMENTAL
CONSULTING FOR CLEARANCE OF FEDERALLY-FUNDED
PROJECTS**

TABLE 1 – EXAMPLES OF RELATED STATE AND LOCAL AGENCY CONTRACT WORK

State and Local Agency	Contract Description	Time Period
LA Office of Community Development	HUD NEPA Environmental Reviews and related studies	2007 - Present
Louisiana Housing Corporation	HUD NEPA Reviews	2018-present
Puerto Rico / PRDOH (Plexos Group)	HUD NEPA Environmental Reviews and related studies	2021-Present
Lee County Florida	Subconsultant to Prime Contractor to conduct HUD ERRs and provide Environmental Subject Matter Expertise	2023-Present
LA Department of Environmental Quality	Emissions Inventory System Enhancements, Air Quality Modelling and State Implementation Plan Development	2006 - Present
LA Department of Transportation and Development	Cultural Resources Services	2008 - Present
Texas Commission of Environmental Quality	Air Quality Modelling and State Implementation Plan Development	2007 - Present
Washington Department of Natural Resources	Endangered Species Act Compliance	2009
Wyoming Department of Environmental Quality	Solid and Hazardous Waste Database Management	2004 - 2005
Arkansas Department of Environmental Quality	State-wide Emission Inventory	2003 - 2004
Plaquemines Parish Government	HUD NEPA Reviews	2010 - 2017
Plaquemines Parish School Board	HUD NEPA Reviews	2010 - 2011
St. Tammany Parish Government	HUD NEPA Reviews	2010-present
Terrebonne Parish Cons. Govt.	HUD NEPA Reviews	2009-present
Cameron Parish School Board	Wetland Delineations	2009
City of New Orleans	HUD NEPA Reviews Phase I ESA, Phase II ESAs	2010-2017

TABLE 2 – SUMMARY LIST OF RECENT/RELEVANT NEPA ENVIRONMENTAL REVIEWS

State and Local Agency	Project Description	Time Period
LA Office of Community Development	Tier 1 Environmental Assessments for 5 regions of the State covering 64 Parishes (5 EAs), State-wide Federal Assistance for Homeowner Recovery Programs	2021-2022
LA Office of Community Development	Tier 2 Environmental Review Records on over 25,000 individual residential locations	2022-Present
Louisiana Housing Corporation	Tier 1 Environmental Assessments for City of Baker, Owner-Occupied Housing Rehabilitation Program (EA)	2020
Louisiana Office of Community Development	New Orleans City Park Drainage Improvements South of Interstate 610 Project	2022/2023
Louisiana Office of Community Development	LSU Alexandria Drainage-Infrastructure Improvements Project, and 58.47 Re-evaluation	2021/2022
Louisiana Office of Community Development	SWBNO - Sewage and Water Board Turbine Project EA, and 58.47 Re-evaluation	2021/2023
Louisiana Housing Corporation	Numerous HOME – NOAH, CHAPP, CHDO and CSAR Housing Development CESTs and EAs	2018-Present
LA Office of Community Development	ERRs - EAs and CESTs for relocations of Manufactured Home Units (MHUs) completed in aggregate or individual ERRs	2018-Present
LA Office of Community Development	Isle de Jean Charles Resettlement Environmental Assessment for Acquisition	2018
LA Office of Community Development	Isle de Jean Charles Resettlement Environmental Assessment for Development	2020
Louisiana Office of Community Development	Roseland Community and Resource Center EA	2022
Louisiana Office of Community Development/ Jefferson Parish Government	Jefferson Parish Parkway Drainage Project	2015
Louisiana Office of Community Development/ Allen Parish Police Jury	Allen Parish Channel Restoration	2012
Puerto Rico, PRDOH	City Center Rehab/Reconstructions	2022-23
Puerto Rico, PRDOH	Roadway Improvements Projects	2022-2023
Puerto Rico, PRDOH	Historic Theatre Rehabilitation	2023

ATTACHMENT A
Key Team Resumes

BURKE J. BROOKS, III

Principal

Burke "BJ" Brooks is a Principal with Ramboll and an impact assessment and NEPA expert with experience amongst many Environmental Reviews and Programs. Working through complex multimedia assessments and compliance, he is also an expert with respect to risk assessment-based investigation techniques and performing RCRA-related assessments. His more than 18 years of experience and knowledge extends to include risk assessment investigation design and reporting, RCRA solid and hazardous waste permit compliance, ASTM Due Diligence (Phase I/Phase II ESA), odor sciences, remediation project design and cost evaluation, contractor procurement and management, Geographic Information System (GIS) data management and mapping tools, as well as numerous environmental permitting processes. His extensive onsite environmental investigation experiences include sampling and remediation oversight in sediment, soil, groundwater, surface water, ecological and waste media. He has experience in identification of environmental, health, and safety liabilities through extensive site assessments and compliance projects, and he serves as a Health and Safety leader for the Ramboll.



CONTACT INFORMATION

Burke J. "BJ" Brooks

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Ramboll
8235 YMCA Plaza Drive
Suite 300
Baton Rouge, 70810
United States of America

CAREER

2007-Present

Ramboll Americas Engineering Solutions, Inc.

EDUCATION

BS, Environmental Management Systems

Louisiana State University

SELECT EXPERIENCE

NEPA Experience

Performed numerous Environmental Assessments under Part 58 (HUD Funding) addressing compliance with local, state and federal regulations and ordinances per HUD Guidance. Expertise in projects and grant programs in housing, education, fisheries, public community, commercial and industrial applications for compliance with applicable regulations for use of federal funding and emergency action funding. Program manager for multiple projects and programs that include rapid field data collection and GIS impact assessment mapping of thousands of individual activity locations. Have lead the preparation and technical review of NEPA related studies and assessments in support of develop projects, including Section 106 Consultation processes per the National Historic Preservation Act.

Environmental Services for State of Louisiana, Office of Community Development – Contract Program Manager for the ongoing Environmental Services for State of Louisiana. Projects include the Restore LA Homeowner Assistance Program, Ramboll has been responsible for overall coordination and completion of policy development and Environmental Review Records with LA OCD staff for over 25,000 property reviews for the 2020 and 2021 Storms.

Ramboll completed the Statewide Federal Assistance for Homeowner Recovery Programs – Tier 1 – Environmental Review Records for Louisiana on a regional basis. These programmatic evaluations continue to be the precedent and current scoping for the ongoing ERRs under the Restore LA Homeowner Assistance and Louisiana Watershed Initiative Statewide Buyout Programs. Additionally coordinated, conducted and completed site specific “Tier 2” NEPA Checklists for the for the State of Louisiana. This included coordinating and uploading all associated required studies for individual applicants as necessary such Section 106 consultations and establishing specific grant/loan conditions for each residence as reflected in the Tier 1 Environmental Assessment.

Isle de Jean Charles Resettlement – Ramboll worked with the State of Louisiana and various stakeholders in the development of comprehensive community plans for a major new “greenfield” community project. Ramboll provided the NEPA environmental assessments and other environmental services including ASTM Phase I ESA, Cultural Resource Investigation, and US Army Corps Wetlands Delineation/Permitting for the Isle de Jean Charles a HUD awarded Community Development Block Grant National Disaster Resilience project for the resettlement of a coastal community in southern Terrebonne Parish. Administered by Louisiana’s Office of Community Development/Disaster Recovery Unit, the Isle de Jean Charles Resettlement is resettling a coastal island community in the southernmost area of Terrebonne Parish. During the Phase I and EA studies, various sensitive areas such as floodplains, wetlands, and archaeological sites were identified on the tract. Ramboll worked closely with the design team, which among many other detailed considerations, made a deliberate effort to exclude all structures from being within the 100-year floodplain and wetlands and, while maintaining avoidance of identified archaeological localities. Based on nearly the entire remaining tract residing within the 500-year floodplain, the residential homes are all designed at a minimum to be elevated to above applicable Base Flood Elevation. The project is unique in that this is the first of such projects in the relocation of an entire community to a resilient and historically contextual community that is less prone to flooding and coastal hazards. Ramboll played a significant role in uncovering sensitive environmental areas and issues and worked with the design team to create a safe and resilient resettlement community.

NEPA support of United States Army Corps of Engineers permit applications – Ramboll as Permitting Agent for clients during Army Corp permit applications, Mr. Brooks has provided multiple greenfield development clients with support of various NEPA required studies and processes including wetland and US waters delineation, traffic studies, T&E species and biological assessment, noise studies, viewshed analysis, and cultural resources investigations including both archaeological and built resources along with advisory services throughout the NHPA Section 106 Consultation process.

DOE funded NEPA Environmental Assessment for a bio-diesel refinery – Assisted the preparation of NEPA compliance documentation for a Department of Energy Environmental Assessment for the grant funded construction of a joint venture alternative fuels facility sited in the US Gulf Coast.

Human Health and Ecological Risk Assessment / Site Solutions

Workplan development and implementation of a site-wide investigation for and RCRA Facility Investigation (RFI) at a lead battery recycling facility. Work included sampling and groundwater monitoring for closed sloid and hazardous waste landfill cells, as well as facility subsurface characterization and sampling to provide data as to the fate and transport of heavy metals in soils, groundwater and bayou sediments under the Louisiana Risk Evaluation Corrective Action Program. Research and evaluation of data resulted in negotiations between the client and the Louisiana Department of Environmental Quality (LDEQ) risk assessment group for the lifting of local fish advisories and release in connection to an NPL site.

Project manager in conducting the assessment per Mississippi’s Brownfields and Beneficial Reuse Programs of an inactive facility’s storm water retention pond for closure. Work included estimating pond volume and solids ratio and analysis of sediments for waste classification, human health risk and beneficial reuse parameters. Assisted in preparing a decision-making framework for internal use in

determining a strategy to remove materials vs. close in place before exiting the site including an assessment of costs and likelihood of success with regulators and the local community advocates.

Workplan development and implementation of an investigation at a former refining facility. Work included the sampling and the evaluation of sediments from an evaporation pond, surface soils and groundwater in connection to former releases within a tank farm.

RCRA-based corrective action workplan development and implementation of a site-wide investigation of a former drum reconditioning plant on the Harvey Canal in Harvey, Louisiana. Work included extensive sampling of multiple areas of concern for soils and groundwater with analysis of a numerous COCs and preparation of a Site Investigation Report under the Louisiana Risk Evaluation Corrective Action Program.

RCRA Remediation / Waste Compliance Experience

Project manager in the preparation and submittal of a RCRA Hazardous Waste Parts A & B Permit Renewal, including Subpart X Miscellaneous Units for the continued operations at an explosive and flammable waste treatment facility in Louisiana. The work included revisions to the permit application and relevant facility specific waste plans and procedures.

Site supervisor for the clean-up response, treatment and disposal of wastewater tank sludge material after the failure of a wastewater holding tank at a recycling facility. The work included department reporting and management of onsite personnel during onsite treatment and disposal of wastewater treatment unit material.

Implementation of a remediation plan for PCBs at a foundry facility in Louisiana that resulted in obtaining a Voluntary Remediation Program Certification for the new plant owner from LDEQ. The PCB issue was a long-standing potential major liability due to previously discovered high levels of PCBs in sediments downgradient of the site. Ramboll allowed for an expansion of the plant upon completion of limited soil excavation and offsite disposal as TSCA regulated media.

Mr. Brooks has applied RCRA regulatory knowledge to various chemical process waste streams for proper waste characterization, hazard identification, segregation and temporary storage onsite, pre-transport marking and labeling, and managing transportation and disposal. Experience in solid and hazardous waste compliance including assistance to multiple industrial and petrochemical facilities. Mr. Brooks' work has included active and post-closure RCRA facility waste permitting and groundwater monitoring.

Oil and Gas Energy Experience

Worked in conjunction with a partnered Risk Assessment Company for a large international oil and gas corporation to conduct a full audit of environmental liabilities for the corporation's Caribbean division. Served as an auditor conducting site investigations and recording observations of airport fuel terminals, ground transport fuel terminals, harbor fuel docks, and fuel service stations across Jamaica. Reporting included the ranking and estimation of costs for environmental liabilities from fuel handling procedures.

Project manager in conducting soil and groundwater investigation of an inshore oilfield in efforts to characterize surface and subsurface conditions of soil and shallow groundwater from a former produced water pit which included influences of chlorides, TDS, radium and dissolved barium and cadmium. Regulatory comparisons of analytical results and groundwater classification for the site was used to define potential for effects to human health above risk-based standards fulfilling the request of a Compliance Order issued by the State of Louisiana Department of Natural Resources, Office of Conservation (LDNR).

Managed a team in joint efforts with another LA consultancy in the sampling and evaluation of off-shore aquaculture species for an Industry-Wide Produced Water Study conducted in Territorial Seas of Louisiana for the Louisiana Department of Environmental Quality (LDEQ).

Multi-Media Compliance

Extensive Due Diligence projects related to fabrication, oil and gas, and industrial equipment supply industries. Auditing and compliance of production facilities, including onsite fuel storage Spill Prevention, Control and Countermeasure Plans, and Storm Water Pollution Prevention Plans as well as general air and water permitting needs. Multi-media environmental compliance database used to ensure compliance with operating permits.

Spill Prevention, Control and Countermeasure Plans and Storm Water Pollution Prevention Plans for various industrial facilities. Coastal Use Permitting processes and mitigations for major industrial expansions and installations of civil infrastructure.

Other Experience

Assisted in building, maintaining and managing staff in the use of an online data management application and web-based GIS mapping tools and data repositories.

Assisted in the environmental inspection role, representing the US Fish and Wildlife Service for the construction phase of a barrier island restoration project offshore in coastal Louisiana.

Project manager for multiple projects evaluating the sources and offsite migration of odorants, including the development of workplans and implementation of field odor science evaluations and sampling protocols related to landfills, fuels processing and community litigations.

Design of remedial activities, including fieldwork oversight of subcontractors' demolition actions, hazardous waste treatment, onsite and offsite landfill disposal of wastes and decontamination procedures of equipment.

Site selection ventures including identification of applicable environmental permits and actions for new industrial facility brownfield and greenfield developments.

COURSES/CERTIFICATIONS

Maintains SARA/OSHA 40-hour Hazardous Waste Operations and Emergency Response (HAZWOPER) training through annual refreshers

Transportation Worker Identification Credential (TWIC)

American Safety and Health Institute CPR / AED and Basic First Aid Certification

BRIAN GLOVER

Regional Director, South

Brian Glover is the Regional Director for Ramboll's South Operations. Mr. Glover supervises a staff of approximately 125 and provides oversight of all operations, contract negotiations and management, and directs Project Managers and Project Directors in complex project development and execution ensuring work is performed efficiently and effectively. Mr. Glover approves all hiring decisions and subcontractors. Mr. Glover has almost 30 years of experience and technical expertise in environmental permitting, environmental compliance management, regulatory agency liaison services and impact assessment. Mr. Glover directs large complex projects including multimedia consulting services ranging from site selection and due diligence through permitting, project implementation and compliance. Mr. Glover has provided significant leadership in the area of environmental justice (EJ), supporting his clients in greenfield and major expansion projects with EJ analyses and public engagement in a wide variety of industry sectors. Mr. Glover maintains long-term relationships with regulatory agency staff and has extensive knowledge of environmental permitting regulations, policies, and procedures.



CONTACT INFORMATION

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CAREER

2001-Present

Ramboll Americas Engineering Solutions, Inc.

Managing Principal

1997-2001

Project Director, URS/Radian Corporation

Project Director for air permitting and compliance projects for industrial clients.

1995-1996

Co-op Engineer, Eka Chemicals (Akzo Nobel)

Co-op Engineer including design and implementation of small capital projects and conducting mass/energy balances for the process.

1994

Student Engineer, Weyerhaeuser Pulp and Paper Company

Student Engineer focused on capital project to reduce water usage for the Mill.

EDUCATION

1997

BS Chemical Engineering

Mississippi State University, Starkville, MS, United States

PROJECTS

Multimedia Permitting and Compliance for Grain Elevator Terminal – St. John the Baptist Parish, Louisiana

Directed a complex multimedia permitting and compliance project for construction of a fully integrated grain elevator terminal on the Mississippi River in south Louisiana with site due diligence, site selection, multimedia and multi-agency environmental permitting strategy development, coordination, and technical support. Coordinated with site inspection services, land surveyors, project engineers, project geotechnical engineers, and the client to support the planning, design and permitting of the proposed facility, including coordination and participating in public outreach and consultation meetings addressing environmental justice concerns and potential impacts to cultural resources. Although use of USEPA's EJScreen (v2.0) yielded elevated indexes, a more thorough review of site-specific information revealed that the facility would have negligible contributions to local air quality. The results of the analyses were presented to regulatory agencies and the public in support of the project. The project also included leading consulting party meetings to review potential effects of the project on cultural resources and navigating the Section 106 cultural resources consulting party process and mitigation efforts.

Carbon Capture and Sequestration Multi-Media Permitting, DOE Application, Environmental Justice Analysis for Energy Company – Louisiana

Director of a multimedia, multi-agency and multifaceted project for a utility company seeking to install a carbon capture and sequestration process to reduce CO₂e emissions. Lead on multiple project teams, which included supporting the client in preparation of a grant funding application under the Department of Energy (DOE) Office of Clean Energy Demonstration (OECD) Carbon Capture Demonstration Project Program (CCDPP) Funding Opportunity Announcement (FOE) ED-FOA-002962. Work closely with multiple regulatory agencies to develop the permitting strategy for addressing air quality, stormwater, wastewater, waste generation, wetlands and waters impacts, geotechnical engineering borings, cultural resource surveys, threatened and endangered species evaluations, environmental justice, Class VI Underground Injection Control wells, flood zone, traffic, noise, odor, as well as local and Parish requirements.

Environmental Justice Assessment at Refinery in South Louisiana

Led a team to develop a baseline EJ assessment for a Louisiana refinery with an objective to understand potential impacts for future environmental permitting projects and to reduce impacts as applicable. Screening tools included EJSCREEN, RSEI and AirToxScreen. Also evaluated nearby monitoring data as well as nearby facilities to identify emitters that may be influencing environmental indicators of concern. Prepared a presentation to document the EJ baseline across the available tools, including benchmarking and comparing results to other nearby facilities via RSEI and AirToxScreen tools.

Air Permitting and Environmental Justice Support for Methanol Facility Optimization – St. James Parish, Louisiana

Prepared a Title V significant modification and initial PSD permit application for a petrochemical facility in Louisiana. The application addressed all elements of PSD permitting including a BACT analysis, regulatory applicability analysis, air quality impacts assessment with air toxics modeling, and a comprehensive Environmental Assessment Statement (EAS). The EAS addressed Louisiana's "IT Questions" and included an environmental justice (EJ) analysis that involved the use of USEPA's EJScreen (versions 2.0/2.1/2.2) and performing facility-specific air dispersion modeling that supported facility-specific and cumulative air toxics health risk analyses.

Air Permitting for Multiple Oil and Gas Sites Across North Louisiana

Pursuant to a New Owner Policy Agreement with EPA, directed a project to evaluate the air permit status for over 390 oil and gas sites in North Louisiana. Worked closely with LDEQ to develop a unique permitting strategy that allowed permit applications for a large number of sites to be prepared in a streamlined manner in order to meet the stringent timelines required by the Agreement. Led regulatory applicability analyses and compliance audits for each site with consideration of all potentially applicable

state and federal rules that may apply to oil and gas sites. Successfully documented exemption or obtained permits for all sites.

Brownfield Air and Wetlands Permitting for New Green Diesel Facilities – Louisiana

Led multiple brownfield air permitting projects for new green diesel production facilities located in Louisiana. The projects included working closely with project design engineers to estimate air emissions and gather all data necessary to prepare Title V permit applications, conducting the required PSD applicability analyses, and directing the preparation of the permit applications. One project also included a National Environmental Policy Act (NEPA) environmental assessment review in support of a Department of Energy (DOE) loan guarantee application. Projects also included wetlands and Waters of the US permitting under the USACE.

Tank Terminal and Marine Dock Multimedia Permitting – Louisiana

Led complex project providing multimedia environmental permitting support for a new tank terminal and marine dock. Comprehensive services included Phase I environmental site assessments; wetlands and other waters of the U.S. assessments and USACE Jurisdictional Determinations; oversight of Cultural Resource Assessments; consultations with State Historic Preservation Office; support for USACE and state coastal use permitting and permitting under Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act for landside and marine developments; USACE Section 408 permitting; air permitting strategy development; emissions inventory development; regulatory analyses for federal and state requirements; PSD and initial Title V permitting, including Air Quality Impacts Analyses to demonstrate compliance with NAAQS and Increments; dispersion modeling to demonstrate compliance to state Ambient Air Standards and Health Effects Screening; Nonattainment New Source Review permitting; NPDES permitting for water discharges; CWA Section 316(b) approval for proposed new cooling water intake structures on the Mississippi River; stormwater management support for construction and operational phases; and local, county and parish permitting support. Services also included providing technical consultation to project engineering contractors for environmental basis of design.

FERC Permitting Support – Louisiana and Mississippi

Prepared air permit applications and the FERC Resource Report 9 for multiple pipeline and compressor station expansion projects in Louisiana and Mississippi. Projects required modification of multiple existing compressor station air permits and initial air permitting, estimation and dispersion modeling of operation and construction emissions, regulatory applicability determinations, and documentation of cumulative impacts and mitigation for the projects.

Energy/Pipeline Company Title V Permit Renewals and Modifications – Louisiana

Prepared dozens of Title V air permit modifications and renewal applications for a large energy/pipeline company in Louisiana. Projects included development of emission calculations, regulatory applicability determinations and documentation, development of a database to generate the Louisiana Part 70 application and EIQ Forms, and post-submittal support to review draft permits prepared by LDEQ.

Multi-Agency Wetlands/Waters Pipeline Permitting – Louisiana

Directed a permitting project for construction and installation of pipelines connecting a production facility to a tank terminal facility that included LDNR, LDEQ and USACE permitting for impacted wetlands and waters of the US. Coordinated with the engineering design teams to prepare the required figures and supporting documentation for the project for submittal to regulatory authorities, negotiated permit terms and conditions and facilitated acquisition of mitigation credits required for the permitting action.

Sugar Refinery Multimedia Permitting and Compliance Support – Louisiana

Provided air permitting and compliance support for a large sugar refinery in Louisiana. Support included preparation of numerous Title V permit modifications and renewals, coordination of stack testing and air

dispersion modeling to demonstrate compliance with ambient air standards. Multimedia support also included wetlands and waters of the US permitting support, SWPPP and SPCC Plan updates.

Multi-State Air Permitting Projects – Alabama, Georgia, Illinois, Mississippi, South Carolina, Texas

Managed air permitting projects for a chemical manufacturing company with facilities located in Alabama, Georgia, Illinois, Mississippi, South Carolina and Texas. Projects included preparation of emissions calculations, applicable air permitting application forms for each state, and air toxics dispersion modeling.

Railcar Manufacturing Facility Expansion Permitting – Texas

Managed a large expansion project for a railcar manufacturing facility in Texas. Project included working closely with the TCEQ to develop a permitting strategy that would meet the aggressive project schedule proposed, which included the preparation of multiple permit by rule (PBR) registrations, a standard permit application and an NSR permit amendment.

Onsite Environmental Compliance Support – Louisiana

Served as on-site senior air quality engineer for a chemical manufacturing plant. Duties included managing day-to-day compliance activities, reviewing authorization requests, reviewing and approving all management of change requests, responding to site regulatory issues, and coordinating efforts with corporate EHS staff. Duties also included maintaining current multiple Title V permits and air quality policies, communicating regulatory and permit requirements to operations staff, and ensuring all regulatory reporting and notifications were completed on time. Management duties included routinely back filling the environmental manager responsibilities, managing the on-site LDAR contractors, and representing the facility as a participant on the technical review team associated with the local group of companies involved with ozone non-attainment matters.

Air Permitting for Crude and Asphalt Terminals – Louisiana and Texas

Managed several air permitting and compliance projects for crude and asphalt terminals in Louisiana and Texas. Support for these facilities included preparation of periodic reports, annual emissions inventories, and general permitting and compliance support.

Risk Management Plans – Louisiana and Texas

Prepared risk management plans (RMPs) for several major chemical plants in Louisiana and Texas. Responsibilities included data gathering, inventory determination, use of RMP software, and documentation consisting of a site specific RMP program manual. Each effort required close coordination and communication with the facility environmental and engineering staff.

Air Permitting and Air Compliance Documentation – Louisiana

Directed the preparation of numerous air permitting and/or air compliance documents, including the following: major and minor Title V modifications, authorizations to construct, variances, small source permits, ERC applications, ERC bank balance sheets and MACT determinations. Tasks for these efforts ranged from working on-site to gather and document required data inputs and performing emissions calculations, to managing entire permit application preparation efforts.

Offshore Oil Exploration Air Permitting – Eastern Gulf of Mexico

Managed Title V and PSD permitting projects for offshore oil companies seeking to permit exploration activities in the Eastern Gulf of Mexico. The projects included developing emission calculations for all sources associated with exploration activities, conducting a BACT analysis, addressing Outer Continental Shelf (OCS) regulatory requirements, performing air quality modeling, and preparing required application forms and documentation for submittal to USEPA. Once permits were received, compliance plans were developed and implemented including training of personnel responsible for compliance demonstration.

Onsite Air Permitting Support for Chemical Company – Louisiana

Held an onsite position with a major chemical company to gather air emissions data for the preparation of a PSD/NNSR Title V permit application. Responsibilities included preparing data needs and action item lists; preparing project schedules; working with process engineers to understand the changes proposed as well as reconcile errors identified in existing calculations; and organizing and communicating project information back to the project team. The task also included reconciling emission estimations with more current data inputs.

Air Permitting for Chemical Facilities and Refineries – Louisiana

Managed several large PSD/NNSR projects for chemical plants and refineries that included the preparation of multiple Title V applications. Tasks included daily interactions with the client and plant engineers concerning data needs, action items and project schedules; coordinating and managing team members on the development and execution of emissions calculations, including full documentation of calculation inputs, regulatory analyses, BACT analyses, PSD modeling and other application preparation tasks; technical writing; post-permit submittal support; and negotiations with LDEQ concerning emission reduction credits (ERC) and permit approval timing.

Air Permitting for Casket Manufacturer – Mississippi

Prepared a Title V/PSD permit application for a casket manufacturer in Mississippi. Responsibilities included emission calculations, negotiations with the Mississippi Department of Environmental Quality and USEPA, preparation of the permit application, and directing the development of a site-specific air emissions database.

Major Refinery Environmental Review Process Support – Louisiana

Worked with a major refinery to enhance their existing project environmental review process. This project included the re-vamping of the project review forms utilized by the project and process engineers to determine if new environmental impacts were introduced and/or if any regulatory changes or permitting requirements resulted from the proposed changes. Additionally, the project included development of a database to track the approval process as well as the changes. Assisted with development of a training module, conducted on-site training for facility engineers, and developed a “screening” calculation worksheet to allow a quick review for PSD applicability.

Plywood/Lumber Mill Facilities Compliance Evaluation – Louisiana and Arkansas

Helped evaluate past modifications to five plywood/lumber mill facilities in Louisiana and Arkansas to determine compliance with NSR permitting requirements. This project required extensive research and a comprehensive emission inventory to estimate past, actual and potential emissions for each facility.

Emissions Reduction Study at Ethanol Facility – Minnesota and Texas

Managed an emissions reduction study project for a facility in the ethanol industrial sector. The project consisted of the analysis of a new processing technology and a presentation of the results of the study to the Minnesota Pollution Control Agency (MPCA) and USEPA Region V. Tasks included developing emissions calculation methodologies, developing testing protocol, directing the testing at Texas A&M University, preparing the final emissions study report, and coordinating with regulatory agencies, stack-testing contractors, ethanol plant manager and university personnel.

Title V Permitting and Compliance Management System Development – Louisiana

Managed the development of Title V permitting and compliance management systems for a major chemical plant and a major refinery. Each of these projects included the development of a database to generate the Louisiana Part 70 application and EIQ Forms as well as store regulatory requirements and associated compliance methodologies. Additionally, the databases were further enhanced to be utilized as air compliance management tools that have several functional levels identifying staff responsibilities for the compliance requirement. These projects required working with each facility’s environmental group, process engineers and technical teams to understand the overall compliance strategies for the

facility, the roles and responsibilities for the individuals on the receiving end of the compliance requirement, as well as the most practical methods of demonstrating compliance for each source.

Pulp, Paper and Wood Products Facility PSD/NSR Applicability Analysis – Alabama

Worked on a project to conduct a historical PSD/NSR applicability analysis for a pulp, paper and wood products facility in Alabama. Primary responsibilities included identifying process changes and modifications that occurred at the facility by reviewing air permitting files, accounting records, production records, process engineering records and interviews with facility personnel; estimating the emission changes as a result of the modifications identified; and preparing a document that described chronologically the changes made at the facility and any potential associated PSD issues.

Refinery Expansion Permit Applicability Reviews – Louisiana

Managed a large expansion project for a refinery that included PSD, NSPS, MACT and BACT applicability reviews for various source types, including combustion units such as boilers, flares and thermal oxidizers. The project also included the application of the NSR reform regulations where the analysis relied upon the use of projected actual emissions including the use of demand growth exclusion.

MEMBERSHIPS

Air and Waste Management Association (AWMA)

OTHER ACTIVITIES

U.S. Coast Guard Certified OUPV Operator (Captain's License) – since October 2019

KARYN DESSELLE

Senior Managing Consultant

A Senior Managing Consultant with Ramboll, Karyn Desselle is a seasoned environmental professional with more than 18 years of NEPA experience. In addition to performing and managing NEPA reviews for multi-million-dollar state-administered housing and economic development programs, and highly complex energy, infrastructure, and land development projects. She has engaged with grantees, subrecipients, and stakeholders across the US to develop responsible environmental policies, align program and project design with regulatory environmental requirements, responsibly manage natural resources, and minimize environmental risk. Karyn is skilled at navigating the intricate framework of NEPA-related laws and authorities and fostering collaborative relationships with federal, state and local regulators. Her experience includes federal procurement standards, URA, LEP, fair housing, public outreach, real property acquisition, permitting, document management systems, integrated data platforms and workflow enabled GIS compliance audits, enforcement support.



CAREER

2025-Present

Ramboll Americas Engineering Solutions, Inc.

Senior Managing Consultant

2018-2024

Horne LLP

Senior Environmental Manager

2017-2018

Ardurra Group

Senior Environmental Manager

2008-2017

AECOM (formerly URS)

Environmental Manager

2005-2008

FEMA

Lead Environmental Specialist

EDUCATION

BS, Biological Science

Southeastern Louisiana University

EXPERIENCE

Federal Projects and Programs

Providing technical and advisory support, and increased capacity to grant recipients on matters related to environmental compliance for projects and programs receiving federal monies through the U.S. Housing and Urban Development's (HUD) Community Planning and Development (CPD) Programs

CONTACT INFORMATION

Karyn Desselle

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Ramboll

8235 YMCA Plaza Drive

Suite 300

Baton Rouge, 70810

United States of America

including Community Development Block Grant (CDBG) (Disaster Recovery and Mitigation), Community Compass Technical Assistance and Capacity Building Program (TA), U.S. Department of Agriculture (USDA) Rural Development (RD), and the Department of Homeland Security (DHS) Federal Emergency Management Agency (FEMA) Public Assistance (PA), Individual Assistance (IA), Hazard Mitigation Grant Program (HMGP), Hazard Mitigation Technical Assistance Program (HMTAP), and Sheltering and Temporary Essential Power (STEP) Program. Collaborating with program administrators to develop policies and procedures that align with program guidelines. Facilitating projects focused on single and multi-family housing, economic development, agriculture, infrastructure and energy.

National Environmental Policy Act (NEPA)

Conducting and overseeing the preparation of NEPA environmental reviews for all levels of activities (Exempt, Statutorily Excluded, Categorically Excluded, Environmental Assessment, Environmental Impact Assessment and Tiered Environmental Reviews). Performing informal and formal consultation with regulatory agencies at the state and federal level including the EPA, ACE, NOAA-OCRM, FWS, NRCS, ACHP, NPS, State and Tribal Historic Preservation Offices, and State Clearinghouses. Facilitating effective outreach campaigns designed to foster meaningful engagement with stakeholders and the public. Aligning statutory and regulatory requirements for joint reviews with FEMA and co-lead agency reviews between HUD and the Federal Highway Administration (FHWA).

Audits and Compliance Monitoring

Assisting state-level grantees undergoing HUD OIG and OEE audits. Guiding the implementation and/or enforcement of appropriate corrective actions and responding to monitoring requests. Composing monitoring plans for subrecipient-managed programs to assess compliance with the environmental provisions within the applicable Federal Register Notice(s) and grant agreement. Conducting third party compliance monitoring of grantees.

Natural Resource Management

Coordinating with resource management agencies to establish or adopt Programmatic Agreements or Memorandums of Understanding/Agreement and develop measures to protect and preserve natural resources. Collaborating with program administrators to evaluate activities at the program and project level for potential impacts to natural resources and incorporate modifications or mitigation measures to reduce or eliminate those impacts to the greatest extent practicable through locale or design.

Project Management

Managing staffing and budgetary resources in accordance with contract metrics. Tracking and monitoring project tasks to ensure timely achievement of project milestones. Identifying and implementing operational and logistical efficiencies. Compiling and processing invoices for services provided. Providing oversight of subcontractors to ensure performance of scope of services contracted and provision of quality deliverables consistent with contractual stipulations. Developing financial projections and preparing forecasting reports. Performing After Action Analysis.

Data Management Systems, Tools & Resources

Collaborating with developers and programmers to develop workflow enabled data management systems with multi-platform integrations including Oracle, OnBase, SQL Server, Power BI, and ArcGIS. Designing document repository systems to align with federal record keeping requirements. Developing automated review tools, data collection protocols, statistical progress reports, and database generated invoices in collaboration with GIS, IT, Programming, and Data Management teams. Innovating the use of Web Apps, Dashboards, Mobile Apps, and Story Maps to improve productivity, create transparency in reporting, and eliminate procedural bottlenecks.

PROJECTS

Puerto Rico Department of Housing, Senior Environmental Manager – Hurricanes Irma and Maria, 2019 Earthquakes CDBG-DR & MIT Programs

Florida Department of Economic Opportunity, Senior Environmental Manager – Hurricanes Irma and Michael CDBG-DR Housing Repair and Replacement Program

South Carolina Office of Resilience, Senior Environmental Manager – October 2015 Severe Storm, Hurricane Matthew, Hurricane Florence CDBG-DR Housing Assistance Programs; Hurricane Florence CDBG-MIT Bennettsville Buyout Program

Texas General Land Office (GLO), Senior Environmental Manager – City of Houston and Harris County Hurricane Harvey CDBG-DR Homeowner Assistance Program

North Carolina Office of Recovery and Resiliency, Environmental Manager – Robeson County Hurricane Matthew CDBG-DR Housing Program

New Jersey Department of Environmental Protection, Lead Environmental Specialist/Floodplain Specialist – Superstorm Sandy CDBG-DR Grant Programs

US Department of Housing and Urban Development, Project Manager – Community Compass Technical Assistance and Capacity Building Program

Louisiana Governor's Office of Homeland Security and Emergency Preparedness (GOHSEP), Task Lead – Shelter at Home Program

FEMA Hazard Mitigation Technical Assistance Program (HMTAP), Project Coordinator – Substantial Damage Estimation program (DR-4277-LA)

Mississippi Development Authority (MDA) Disaster Recovery Division, Deputy Program Manager – Hurricane Katrina CDBG-DR Programs

FEMA Hurricane Katrina Disaster Recovery, Lead Environmental Specialist – Louisiana Public Assistance and Hazard Mitigation Grant Program

KENNETH W. LEE

Senior Managing Consultant

Mr. Lee has specialized in managing and directing HUD NEPA environmental reviews in Louisiana for well over 10 years, including infrastructure projects. He has managed all aspects of the 2016 Unnamed Storms Tier 2 housing reviews for the OCD LPRG/Unmet Needs program since its inception including problem "Chinese" drywall and Tier 2 reviews. Since 2008, Mr. Lee has overseen the completion of more than 60 environmental assessments in the infrastructure, fisheries, and housing sectors including assistance in conducting reviews of over 50 infrastructure projects, over 8,000 residential properties for the Louisiana Land trust project, over 19,000 with the Restore LA Program for 2016 Unnamed Storms, and more than 8,000 for the ongoing Restore LA for the 2020 and 2021 Storms. In doing so, Mr. Lee and his project teams have worked closely with local government entities throughout Louisiana, from Cameron Parish to Plaquemines Parish. His experience includes reviews on sites ranging from the rehabilitation of existing facilities such as Post Offices and School Board facilities, to roads and bridges, marine harbors, shipyards, and boat launches. Mr. Lee has also conducted more than 200 contaminated drywall inspections in Louisiana and Florida in accordance with CSPC guidelines. In addition to these lines of experience, he has more than 35 years of experience providing EHS regulatory and compliance support working in the chemical/petro-chemical industry specializing in process safety management (PSM) and industrial safety as well as RCRA and solid waste compliance, LPDES/NPDES, stormwater, wastewater and environmental, health and safety (EHS) management systems. He has specialized in providing EHS regulatory and compliance support, including conducting more than 300 multimedia environmental, health and safety compliance audits and health and safety management system audits in numerous industry sectors with emphasis in the chemical, petrochemical, manufacturing, spirits, and food sectors throughout the United States, Puerto Rico, and St. Croix, Virgin Islands. This support also includes regulatory determinations for both state and federal hazardous waste (RCRA), Solid Waste, LPDES/NPDES, SPCC, FRP, SWPPP, CERCLA and RMP regulations as well.



CONTACT INFORMATION

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EDUCATION

1985

BS, Industrial Technology

Louisiana State University, Baton Rouge, LA, United States

CAREER

2007 – Present

Ramboll US Consulting

Senior Managing Consultant

1987 – 2007

Uniroyal Chemical/Chemtura Corporation

Production Engineer/Environmental Engineer/PSM Coordinator

EXPERIENCE

State of Louisiana, Office of Community Development

- Louisiana Land Trust (LLT) Orleans Parish, St. Bernard Parish, Jefferson Parish, Plaquemines Parish and Terrebonne Parish. Performed ERRs for approximately 8,300 residential grant assistance locations.
- Washington Parish Communication Tower – As an auditor, provided an Environmental Assessment for the construction of a 400-foot tall radio communication tower and support shelter, including associated communication equipment, electrical equipment, and a 40KW generator to provide uninterrupted power in Washington Parish Louisiana.
- Saint Mary Parish Morgan City Ice House and Cold Storage Facility – As an auditor provided an Environmental Assessment on demolition of the existing facility, rehabilitation of the timber wharf/loading dock, construction of a new office building with public ADA comfort stations, the installation of two 10-ton ice makers with appurtenant units and cold storage and parking, ADA accessible. The facility is located at the existing Morgan City Waterfront.
- Tangipahoa Parish Library in Amite, La. – As an auditor provided an environmental assessment on the construction of a new public library approximately 18,000 square feet in area comprising two stories and included expanded building area for administration, technology, children's reading areas and a large meeting space.
- Iberia Parish Government Bridge Replacement – As an auditor provided an environmental assessment on the replacement of two bridges which were considered weak links in the Iberia Parish road system and were considered structurally inadequate to withstand the forces associated with surge waters and riverine flooding from storms such as hurricanes.
- Calcasieu Parish Consolidation and Expansion of School Board Facilities – As an auditor provided an environmental assessment on the project involving the completion of the necessary construction/renovation of public facilities, including the relocation of the School Lunch Program from its current location, the renovation of the soon to be vacated School Lunch Program facility to accommodate the location of expanded services of the College Street Trade & Industry Workforce Development Program, and the construction of a hard-surfaced, 50-space bus parking facility to be located at the Consolidated School Board Facility.
- Beauregard Parish Downtown DeRidder Revitalization: Restoration of the Old Post Office – As an auditor provided an environmental assessment on the restoration/ refurbishment of the Beauregard Parish Old Post Office building which will serve as the permanent location of the Beauregard Parish Tourist Commission.

- **Plaquemines Parish Pump Stations Quiet Rooms** – As an auditor provided an environmental assessment on the construction of quiet rooms at nine existing pumping stations located in Plaquemines Parish. The quiet rooms will alleviate hazardous conditions to parish personnel required to maintain flood protection and storm water management services, which is considered one of the most critical parish government public services provided to the citizens of this parish.
- **Plaquemines Parish Consolidated Government Complex** – As an auditor provided an environmental assessment on renovations to three buildings, formerly part of the hospital complex on the Metropolitan Development Center site, were renovated for use by the District Attorney, Clerk of Court and Assessors offices.
- **South Plaquemines High School Access Bridge** – As an auditor provided an environmental assessment on additional access (bridge) from LA Highway 23, the major transportation artery through the Parish, to accommodate the number of students and faculty attending the new school, as well as facilitation of emergency vehicles in the event the access from LA Highway 11 is blocked.
- **Plaquemines Parish Empire Shipyard** – As an auditor provided an environmental assessment on the construction of a shipyard that accommodates the on-land repair of vessels, that includes marine travel lift slip to facilitate the transfer of marine vessels from the water to land-base repair cradles, new heavily paved (reinforced concrete) yard surface, site improvements, which include the construction of necessary utility infrastructure (potable water and electricity), associated dredging to facility operations, and pile clusters to facilitate mooring of vessels.
- **Plaquemines Parish Davant and Empire Parks Improvements** – As an auditor provided an environmental assessment on the construction of concession and restroom facilities, bleachers, installation of field lighting, construction of open-air pavilions, concrete walking paths, approximately 600 linear feet of train track constructed of aluminum rails with treated wooden ties to include a battery powered train with five riding cars and a storage building with passenger loading area and electrical connections for train battery charging.
- **Plaquemines Parish Tidewater Road Drainage** – As an auditor provided an environmental assessment on the re-construction of approximately 9,000 linear feet of Tidewater Road, located in Venice, Louisiana, from Coast Guard Road to the entrance to the TARGA Refinery, from its current elevation of 2.5' NGVD to 5' NGVD. The project included incidental items of construction such as temporary staging/storage areas, drainage facilities, canal crossings, and utility relocations.
- **Coordinated, conducted and completed more than 200 problem drywall inspections of homes** applying for assistance under the Louisiana Road Home Action Plan.

IEM

Served as program director for performing NEPA Tier 2 Assessments on over 19,000 individual homes affected by the multiple flooding events of 2016 that affected nearly the entire state of Louisiana. This work was conducted as a subcontractor to a prime contract with the State of Louisiana with report deadlines of 1,000 homes per week, requiring high performance technology tools and extensive team coordination. Additionally, completed the Tier 1 Environmental Assessment for this housing project under direct contract with the state.

Cameron Parish School Board

Performed NEPA review under 24 CFR Part 58 for a proposed Vocational Technical Training Building in Cameron Parish in the aftermath of Hurricane Rita. The school is located in a coastal high hazard area and was subject to Federal Emergency Management Agency (FEMA) and HUD standards. Worked with the school board and the Louisiana OCD to review plans and specifications, alternatives analysis and mitigation requirements to successfully complete an environmental review record.

CLIENT REFERENCES

- State of Louisiana, Division of Administration,
Office of Community Development
P.O. Box 94095
Baton Rouge, LA 70804-9095
Tina Cantrell
Director, OCD-MECCA
Tina.Cantrell@la.gov
225-342-1731
- IEM
8550 United Plaza Blvd.
Baton Rouge, LA 70809
Lauren Bahlinger
Environmental Consultant
Lauren.bahlinger@restore-la.org
225-952-8191

PROFESSIONAL LICENSES/CERTIFICATIONS/TRAINING

Incident Command in the Unified Command System
Level A HAZMAT
Industrial Fire Brigade Training (LSU)
First Responder
Certified Occupational Safety Specialist
American Safety and Health Institute CPR / AED and Basic First Aid Certification
OSHA 40-hour Hazardous Waste Operations and Emergency Response (HAZWOPER) training
ISO 14000 Environmental Management Systems Internal Auditor
Six Sigma Black Belt
Transportation Worker Identification Credential (TWIC)

ADAM M. GOODINE

Senior Managing Consultant

A Senior Managing Consultant with Ramboll, Mr. Adam M. Goodine has over twenty years of experience in environmental science and biology, with particular emphasis in the areas of natural resource evaluation related to wetland science, delineation, and impact permitting; wetland impact assessments; upland and wetland vegetation surveys; aerial photograph interpretation and application of remote sensing techniques; field research using geographic information systems (GIS), global positioning systems (GPS), and radio telemetry; threatened and endangered species surveying and habitat impact permitting; hydrological sampling and data processing; environmental compliance auditing of commercial and industrial facilities; and completion of Phase I and Phase II investigations and reporting under the American Society for Testing and Materials (ASTM) Standard E1527 for Environmental Site Assessment Reporting in support of due diligence investigations. The majority of Mr. Goodine's work has focused on greenfield and brownfield industrial development support, including wetland and water quality functional assessment, listed species surveying and impact permitting, and impacts relative to human disturbance and employment of appropriate mitigating measures. These technical abilities are applied by Mr. Goodine and his team in performing complex consultation and permitting actions for commercial and industrial development with regulatory agencies such as the U.S. Army Corps of Engineers, the United States Fish and Wildlife Service, the Louisiana Department of Natural Resources – Office of Coastal Management, and the Louisiana Department of Environmental Quality, just to name a few.



CONTACT INFORMATION

Adam M. Goodine

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New Orleans, Louisiana
United States of America

CAREER

2003-2004

Research Assistant, State University of New York at Potsdam

Conducted endangered species tracking and habitat assessment.

2004-2005

Staff Biologist, Shaw Environmental and Infrastructure (CB&I)

Conducted a significant amount of wetland and water quality monitoring work along the Louisiana Coastline and offshore areas in support of the construction of the Louisiana Coastal Reference Monitoring System (CRMS).

2005-2008

Environmental Consultant, Austin Environmental Consultants Inc.

Conducted environmental assessments in support of due diligence investigations, permitted wetland impacts through several local country governments, three state water districts, and the United States Army Corps of Engineers, facilitated listed species impact permitting through the Florida Fish and Wildlife Conservation

Commission and the United States Fish and Wildlife Service; specific species surveying, analysis, and impact permitting include but are not limited to Gopher Tortoise (*Gopherus polyphemus*), Bald Eagle (*Haliaeetus leucocephalus*), Florida Grasshopper Sparrow (*Ammodramus savannarum floridanus*), Florida Scrub Jay (*Aphelocoma coerulescens*), Crested Caracara (*Caracara cheriway*), Burrowing Owl (*Athene cunicularia*), and more.

EDUCATION

2001-2004

Bachelor of Science

Environmental Science and Biology

State University of New York, Brockport, NY, United States

PROJECTS

United States Army Corps of Engineers (USACE) experience pertaining to wetland science, which includes: familiar with implementation of USACE methodology for wetland delineation as described within the 1987 Corps of Engineers Wetlands Delineation Manual; implementation of Regional Supplement Guidance of the 1987 Corps of Engineers Wetlands Delineation Manual to wetlands delineation within the continental United States; application of USACE Regulatory Guidance Letter clarifications on jurisdiction under the Clean Water Act regulations and the USACE approach to wetlands delineations and "waters of the United States" determinations throughout the last several years, most notably the 2008 Rapanos Guidance, the Navigable Waters Protection Rule, and associated policy changes related to the vacatur of said rule; extensive experience in application of various functional assessment methodologies, determination of functional value per acre of wetland areas, and application of mitigation strategies for offsets to wetland impacts.

Provided wetland impact and resource conservation consultation services for several greenfield industrial developments in located on the Mississippi River in Louisiana, with specific focus on Mississippi River levee impacts, Section 408 consultation with the USACE, and implementation of least damaging alternatives to assist the agency in reaching permit decisions approving development as proposed.

Conducted site assessment and preliminary for a planned CCUS system installation in Central Louisiana associated with a coal-fired power plant.

Conducted site assessment and federal permitting for a seven mile heated oil line from storage assets on the Mississippi River to a "Green Diesel" refinery in southern Louisiana.

Lead wetlands consultant on NEPA recovery work servicing Ramboll US Consulting, Inc. contracts with the Louisiana Office of Community Development and the City of New Orleans from 2008 to present.

Recently provided wetlands consultation, delineation, permitting, and mitigation guidance services in support of gas pipeline / facility expansion work proposed within the Army Corps of Engineers Galveston District – area of interest in and about Nederland and Port Arthur in Jefferson County Texas.

Obtained multiple CWA 404 Permits for Southeastern Louisiana refinery expansion operations (2010 to present).

As a NEPA auditor for multiple State of Louisiana and City of New Orleans hurricane recovery projects, conducted and/or oversaw the completion of several Statutory Checklist and Environmental Assessment Level or Review projects for the Louisiana Office of Community Development and the City of New Orleans including infrastructure improvements, fisheries facility improvements, residential redevelopment, and institutional reconstruction projects.

Obtained multiple CWA 404 Permits and Florida Water Management District Permits for both residential and commercial developments in Central Florida (2005-2008)

Experienced in endangered species and wildlife assessment, including species specific surveys in upland and wetland habitats, endangered species impact permitting, radio telemetry and wildlife tracking, mapping representation of wildlife movements and preferred habitat utilizing GIS and GPS technology, as well as non-lethal wildlife capture, handling, and release methods.

Conducted several Phase I and Phase II Environmental Site Assessments in compliance with the ASTM Standard E1527 in Louisiana, Mississippi, Arkansas, Alabama, North Dakota, as well as many other states. Facilities subject review have included industrial sites such as equipment storage/junk yards, paper mills, fertilizer production facilities, construction sites, etc.; institutional properties such as airports, hospitals and schools, and commercial properties including office buildings, vacant and undeveloped property, casinos, retail outlets, and more.

Managed scoping and implementation of an airport tenant expansion project at the City of Houston's George Bush Intercontinental Airport, which included Phase I Environmental Assessment Reporting under ASTM Standard E1527-21 as well as detailed assessments related to wetlands, listed species, local ordinances relative to environmental conservation related development, and more.

Conducted Phase I Environmental Site Assessments for hundreds of residential properties throughout New Orleans, Louisiana in support of various hurricane recovery projects.

Conducted wetland delineation / jurisdictional wetland determinations for review and approval by various governmental regulatory agencies. Facilitation of wetland impact permitting. Responsibilities have included preparation of local, state, and federal wetland impact permit applications, performance of wetland functional analysis scoring and developed impact mitigation plans and coordinated between project management, engineering, surveying, and regulatory agencies to avoid, minimize, and mitigate project impacts to wetland areas.

Performed hundreds of wetlands jurisdictional determinations at sites throughout the Gulf Coast and Midwestern United States, with a majority concentrating on the Louisiana Coastal Zone, including multiple Mississippi Riverfront projects on properties in excess of 2,000 acres from 2008 to present.

Staff Scientist on Louisiana Department of Natural Resources Coastal Reference Monitoring System (CRMS) Project (2004 to 2005).

Participated in a multitask project designed to monitor the land loss and hydrology of southern Louisiana (CRMS). Applied to the entire coastline and corresponding drainage basins, responsibilities consisted of monitoring site selection and construction of data monitoring systems, instrument deployment for continuous data collection, vegetation and soils/sediment data characterization of monitoring site areas also performed.

MEMBERSHIPS & AFFILIATIONS

Mr. Goodine has taken part in multiple private-practice wetland delineation training courses and is currently pursuing a Professional Wetland Scientist certification from the International Society of Wetland Scientists. Mr. Goodine is currently an active consulting member of the 404-10 Group, a non-profit business league dedicated improving communication between clients, consultants, and federal and state agencies, providing continuing education opportunities, offering forums for expressing ideas and concerns, and presenting updates on regulations/legal issues relative to wetlands consultation.

MICHAEL THOMPSON, PE

Senior Project Manager

Michael Thompson is a registered professional environmental engineer with more than 24 years of experience in private consulting, as well as the public sector. He is a certified Class IV Water and Wastewater Operator in the following categories: Wastewater Treatment, Wastewater Collection, Water Treatment, Water Production, and Water Distribution. Michael's experience includes troubleshooting and optimization of water and wastewater treatment systems and strategy development for process control, as well as regulatory compliance and permitting under the Clean Water Act and Safe Drinking Water Act. He has designed wastewater collection and treatment systems, potable water process & system design support, operation and maintenance (O&M) and training manual preparation, and start-up & commissioning services.

SELECT PROJECTS

Solenis: NPDES Permit Application Charleston, TN, Charleston, TN, SOLENIS LLC– Ramboll provided technical and consulting services necessary to prepare a National Pollutant Discharge Elimination System (NPDES) permit application package for Solenis to secure authorization for wastewater discharges to surface waters from its Charleston, Tennessee facility.

SafeSource: Sanitary Wastewater Treatment Design Verification and Permitting, Broussard, LA, United States, SafeSource Direct, LLC - Provided engineering and permitting support services related to a sanitary wastewater treatment plant (SWTP) that was installed at SafeSource's facility (the Facility) located in Broussard, Louisiana.

Confidential Client: Due Diligence Review – Ramboll provided due diligence services for the development of 4 properties for data centers in Fauquier and Prince William Counties, Virginia. Services included a Water Infrastructure Assessment.

WR Grace: LPDES Permit Renewal Application Lake Charles, Louisiana, United States, W.R. Grace & Co. - Conn. - Ramboll prepared the Louisiana Pollutant Discharge Elimination System (LPDES) Permit renewal application for the WR Grace Lake Charles Facility located in Sulphur, Louisiana.

ICL: Wastewater Treatment Plant Evaluation, Gallipolis Ferry, WV, ICL Group – Conducted an initial evaluation of the operations and design of the existing wastewater treatment system to identify potential causes of total suspended solids (TSS) and biochemical oxygen demand (BOD) excursions. Provided engineering services for short-term improvement recommendations, including design of tank mixing and sludge



CONTACT INFORMATION

Michael Thompson

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EDUCATION

MBA

Southeastern Louisiana
University, Hammond, United
States

BS, Environmental Engineering

Louisiana State University,
Baton Rouge, United States

PROFESSIONAL LICENSES

Professional Engineer,
Environmental, Louisiana

Class IV Water System

Operator, Louisiana

Class IV Wastewater System

Operator, Louisiana

MEMBERSHIPS

American Water Works
Association

Louisiana Water Environment
Association (WEF Affiliate)

Coastal Conservation
Association

dewatering equipment. Conducting Best Achievable Technology (BAT) Assessments/technology evaluations for treatment system improvements to address long-term compliance needs due to evolving regulations, as well as modifications in facility production operations.

Total Environmental Solutions, Inc. (TESI): Comprehensive Diagnostic Evaluation of Sanitary Wastewater Collection Systems & Treatment Plants, Louisiana - Performed nearly 200

Comprehensive Diagnostic Evaluations (inclusive of operations assessments, BAT Assessments/technology evaluations of sanitary wastewater collection systems and associated sanitary wastewater treatment facilities enabling systems to achieve compliance with regulatory limits with less maintenance by Company's staff.

Louisiana Economic Development (LED): Utilities Planning and Site Due Diligence, 35+ Sites of Economic Interest, Louisiana - Project manager and lead project engineer. Provided services that included developing utilities plans for potable water distribution/ treatment and wastewater collection/treatment and developing cost estimates and schedules for project implementation.

Ascension Consolidated Utility District (ACUD) #1: Water Distribution System Extension, Donaldsonville, Louisiana, CF Industries - Designed +/- 2,700-foot extension of 12-inch potable water distribution main from ACUD #1 water tower to service CF Industries in Donaldsonville.

State of Louisiana Military Department: 0.5 MGD Sequencing Batch Reactor (SBR) Design for Sanitary Wastewater Treatment, Camp Minden, LA, State of Louisiana Military Department, - Completed process design, including plans and specifications, for a wastewater treatment plant at the Louisiana Army National Guard Facility in Minden, Louisiana. The wastewater treatment plant was designed to treat 0.5 MGD by means of sequencing batch reactors (SBRs) to the standards set by Louisiana Department of Environmental Quality (LDEQ) which requires the discharge limits be based on LDEQ's TMDL modeling of the Red River Basin. The design incorporated the client's need to construct the facility in phases. The SBRs, and related equipment, were designed and sized to treat sanitary wastewater flows from the various tenants and military units throughout the installation. The final design includes jet aeration system, aerobic digester, and flow equalization (both using coarse bubble diffusers), gas chlorination, and also incorporated the use of existing sand drying beds.

GE Vetco Gray: Sanitary Wastewater Treatment Improvement Project, Broussard, LA, GE Vetco Gray - Served as lead engineer and wastewater operator for facility operating three aerobic biological wastewater treatment facilities for treating sanitary wastewater. Performed Comprehensive Diagnostic Evaluations to determine cause of abnormally high total suspended solids and coliform levels in discharge. Conducted BAT assessment/technology evaluation and designed new sanitary wastewater treatment system. The result was that the systems have been able to achieve compliance with regulatory limits with less maintenance by Company's staff.

L. RIVERS BERRYHILL

As a Senior Consultant with Ramboll, Rivers Berryhill uses her unique background in archaeology and the environment to focus on Environmental Impact Assessments, Housing and Urban Development (HUD) programs, and National Environmental Policy Act (NEPA) projects. Her experience includes HUD's Part 58 Environmental reviews, Section 106 Desktop reviews, National Housing Trust Fund (NHTF) reviews, Continuum of Care (CoC) reviews, Historic Preservation Grant (HPG) reviews, Phase I and II cultural resource investigations, and mold and asbestos inspections and testing. Mrs. Berryhill is a Registered Professional Archaeologist (RPA) with a solid knowledge of the state and federal programs affecting disaster recovery and she is adept at navigating the state and federal processes.



CAREER

2023 - Present

Ramboll Americas Engineering Solutions, Inc.
Senior Consultant

2022 - 2023

Louisiana Housing Corporation
Environmental Impact Specialist

2022

ELOS Environmental, Inc.
Project Archaeologist

2019 - 2022

Louisiana Housing Corporation
Environmental Impact Specialist

2017 - 2019

Quaternary Resource Investigations, LLC
Environmental Scientist, Archaeologist

2016 - 2017

Coastal Environments, Inc.
Archaeological Lab and Field Technician

EDUCATION

2017

MA, Anthropology
Louisiana State University, Baton Rouge, LA, United States

2014

BA, Liberal Arts (Ethnoarchaeology with a concentration in Humanities & Social Thought – Minor in Anthropology)
Northwestern State University, Natchitoches, LA, United States

CONTACT INFORMATION

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PROJECTS**NEPA Reviews for FEMA projects**

Drafted Environmental Review Records (ERRs) at the Categorically Excluded Subject to 58.5 (CEST) level for multiple parish wide property buyout projects. Translated Environmental review records originating with FEMA and re-assessed the conditions to determine applicability with HUD requirements. Coordinated with the Louisiana Office of Community Development (LA OCD) to produce records that would allow additional Flood mitigation assistance for repetitive loss properties.

Tier 2 Site Surveys

Assisted in completing NEPA Tier 2 Assessments on thousands of individual homes affected by multiple federally declared disasters that affected the state of Louisiana. Performed site visits throughout Louisiana to assess the location and proximity to levees, flood zones, above-ground storage tanks, known leaking underground storage tanks, and other environmental concerns. Performed QA/QC of compiled records and provided logistical support for field auditors. Provided technical reviews of aerial photography, historic maps, GIS mapping tools, and other records to ensure that the correct properties were surveyed.

Section 106 Compliance Project Management

Provided project management and agency coordination for properties within National Register of Historic Places (NRHP) District, or adjacent to districts. Provided support for structural historians in assessments of properties slated for Reconstruction or Rehabilitation and ensured compliance with guidance set forth in a Programmatic Agreements (PA) between the program and various federal and state entities. Ensured compliance with the Section 106 process for each property.

NEPA Compliance for Single- and Multi-family HUD Projects

Provided technical guidance for HOME Investment Partnership Program (HOME) and Community Development Block Grant (CDBG) projects to ensure compliance with guidance set forth in 24 CFR 58.5 and 58.6. Reviewed projects varied in complexity from Exempt to Environmental Assessments (EA). Developed a familiarization with the HUD Environmental Review Online System (HEROS). Determined if project implementation would impact local environment, community, or cultural resources. Drafted and published public notices in local and state newspapers and submitted Requests for Release of Funds (RROF) to HUD entities. Accepted receipt of Authorization to Use Grant Funds (AUGFs) and ensured proper documentation of Environmental review from inception to completion.

Section 106 Compliance for Phase I and II surveys

Completed Section 106 Desktop reviews prior to project implementation of projects throughout Louisiana. Determined potential determine impacts to prehistoric and/or historic Louisiana resources from project implementation. Finalized documents provided an assessment of how the geomorphological and cultural history of the project area would affect and in turn be affected by project implementation. Also completed reviews of single-family structures within the viewshed of Phase I cultural resources surveys. This included documentation and assessment of structural qualities including approximate age, architectural style, and determination of potential eligibility for listing on the Louisiana Historic Resource Inventory (LHRI) and/or the National Register of Historic Places (NRHP). Reconciled aged National Register of Historic Places Inventory Nomination Forms with a 2022 evaluation of the St. Francisville Historic District.

Other Experience

Performed Phase I and II archaeological surveys throughout Louisiana. Curated archaeological materials according to United States Army Corps of Engineers (USACE) and National Park Service (NPS) standards. Completed safety audits, asbestos inspections, and asbestos air monitoring of Federal buildings throughout Louisiana, Texas, and Arkansas under General Services Administration (GSA) contracts. Performed Endangered species field survey form the Red-Cockaded Woodpecker as part of the Phase I Environmental Site Assessment (ESA).

MEMBERSHIPS & CERTIFICATIONS

Louisiana Archaeological Society
Society for American Archaeologists
Registered Professional Archaeologist
HEROS proficient
TWIC card
Construction Quality Management (CQM)

ATTACHMENT B
Certificate of Insurance



CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY)
05/23/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Aon Risk Services Central, Inc. Philadelphia PA Office 100 North 18th Street 15th Floor Philadelphia PA 19103 USA	CONTACT NAME: PHONE (A/C. No. Ext): (866) 283-7122 FAX (A/C. No.): (800) 363-0105 E-MAIL ADDRESS:														
INSURED Ramboll Americas Engineering Solutions Inc 333 W Washington Street Syracuse NY 13202 USA	<table><tr><th>INSURER(S) AFFORDING COVERAGE</th><th>NAIC #</th></tr><tr><td>INSURER A: Allied World Surplus Lines Insurance Co</td><td>24319</td></tr><tr><td>INSURER B: XL Specialty Insurance Co</td><td>37885</td></tr><tr><td>INSURER C: Greenwich Insurance Company</td><td>22322</td></tr><tr><td>INSURER D: Allied world Assurance Company (US) Inc</td><td>19489</td></tr><tr><td>INSURER E:</td><td></td></tr><tr><td>INSURER F:</td><td></td></tr></table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: Allied World Surplus Lines Insurance Co	24319	INSURER B: XL Specialty Insurance Co	37885	INSURER C: Greenwich Insurance Company	22322	INSURER D: Allied world Assurance Company (US) Inc	19489	INSURER E:		INSURER F:	
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INSURER E:															
INSURER F:															

Holder Identifier :

COVERAGES**CERTIFICATE NUMBER:** 570105833577**REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

Limits shown are as requested

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS												
C	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> <input type="checkbox"/> GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC <input type="checkbox"/> OTHER:			CGS740985605	06/01/2024	06/01/2025	<table><tr><td>EACH OCCURRENCE</td><td>\$2,000,000</td></tr><tr><td>DAMAGE TO RENTED PREMISES (Ea occurrence)</td><td>\$300,000</td></tr><tr><td>MED EXP (Any one person)</td><td>\$10,000</td></tr><tr><td>PERSONAL & ADV INJURY</td><td>\$2,000,000</td></tr><tr><td>GENERAL AGGREGATE</td><td>\$4,000,000</td></tr><tr><td>PRODUCTS - COMP/OP AGG</td><td>\$4,000,000</td></tr></table>	EACH OCCURRENCE	\$2,000,000	DAMAGE TO RENTED PREMISES (Ea occurrence)	\$300,000	MED EXP (Any one person)	\$10,000	PERSONAL & ADV INJURY	\$2,000,000	GENERAL AGGREGATE	\$4,000,000	PRODUCTS - COMP/OP AGG	\$4,000,000
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GENERAL AGGREGATE	\$4,000,000																		
PRODUCTS - COMP/OP AGG	\$4,000,000																		
C	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY			CAH 740985705	06/01/2024	06/01/2025	<table><tr><td>COMBINED SINGLE LIMIT (Ea accident)</td><td>\$2,000,000</td></tr><tr><td>BODILY INJURY (Per person)</td><td></td></tr><tr><td>BODILY INJURY (Per accident)</td><td></td></tr><tr><td>PROPERTY DAMAGE (Per accident)</td><td></td></tr></table>	COMBINED SINGLE LIMIT (Ea accident)	\$2,000,000	BODILY INJURY (Per person)		BODILY INJURY (Per accident)		PROPERTY DAMAGE (Per accident)					
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BODILY INJURY (Per person)																			
BODILY INJURY (Per accident)																			
PROPERTY DAMAGE (Per accident)																			
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$10,000			US00100178LI24A	06/01/2024	06/01/2025	<table><tr><td>EACH OCCURRENCE</td><td>\$5,000,000</td></tr><tr><td>AGGREGATE</td><td>\$5,000,000</td></tr><tr><td>Prod/Comp ops Agg</td><td>\$5,000,000</td></tr></table>	EACH OCCURRENCE	\$5,000,000	AGGREGATE	\$5,000,000	Prod/Comp ops Agg	\$5,000,000						
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AGGREGATE	\$5,000,000																		
Prod/Comp ops Agg	\$5,000,000																		
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input checked="" type="checkbox"/> N	N/A	CWG740985505 WC (AOS)	06/01/2024	06/01/2025	<table><tr><td><input checked="" type="checkbox"/> PER STATUTE</td><td><input type="checkbox"/> OTH-ER</td></tr><tr><td>E.L. EACH ACCIDENT</td><td>\$1,000,000</td></tr><tr><td>E.L. DISEASE-EA EMPLOYEE</td><td>\$1,000,000</td></tr><tr><td>E.L. DISEASE-POLICY LIMIT</td><td>\$1,000,000</td></tr></table>	<input checked="" type="checkbox"/> PER STATUTE	<input type="checkbox"/> OTH-ER	E.L. EACH ACCIDENT	\$1,000,000	E.L. DISEASE-EA EMPLOYEE	\$1,000,000	E.L. DISEASE-POLICY LIMIT	\$1,000,000				
<input checked="" type="checkbox"/> PER STATUTE	<input type="checkbox"/> OTH-ER																		
E.L. EACH ACCIDENT	\$1,000,000																		
E.L. DISEASE-EA EMPLOYEE	\$1,000,000																		
E.L. DISEASE-POLICY LIMIT	\$1,000,000																		
D	Contractors Pollution Liability			03099524 SIR applies per policy terms & conditions	06/01/2024	06/01/2025	<table><tr><td>Per Occurrence/Ag</td><td>\$5,000,000</td></tr><tr><td>SIR</td><td>\$250,000</td></tr></table>	Per Occurrence/Ag	\$5,000,000	SIR	\$250,000								
Per Occurrence/Ag	\$5,000,000																		
SIR	\$250,000																		

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Evidence of Insurance.

CERTIFICATE HOLDER**CANCELLATION**

CERTIFICATE HOLDER Ramboll Americas Engineering Solutions Inc. 333 W. Washington Street Syracuse NY 13202 USA	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE <i>Aon Risk Services Central, Inc.</i>
--	---

Certificate No : 570105833577



THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
FORM NUMBER: ACORD 25 **FORM TITLE:** Certificate of Liability Insurance

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER	
INSURER	
INSURER	
INSURER	

[illegible]

ATTACHMENT C
Required Price Consideration (Confidential)

Confidential - Required Price Consideration

Project name **(RFP) FOR ENVIRONMENTAL CONSULTING SERVICES**
 Project no. **RFP NO. 75482034**
 Client **Livingston Parish Government**
 From **Ramboll Americas Engineering Solutions, Inc. (Ramboll)**

Date: April 29, 2025

Per Addendum #3 to the Request for Proposal (RFP) for Environmental Consulting Services

The following is provided in response to Section 2.1, Required Price Consideration.

Ramboll proposes to utilize a variety of rates and personnel to complete the proposed Scope of Services. Rates for the RFP provided classifications are provided for the purposes of Ramboll's price consideration for the RFP. Ramboll has filled out the Price Consideration Worksheet in its entirety and included the completed worksheet below.

Ramboll
 8235 YMCA Plaza Drive
 Suite 300
 Baton Rouge, LA 70810
 USA

T +1 225 408 2696
<https://ramboll.com>

PRICE CONSIDERATION WORKSHEET

<u>Position</u>	<u>\$/HR</u>	<u>HRS</u>	<u>TOTAL</u>
Senior Project Manager	<u>\$245.00</u> x <u>10</u>	=	<u>\$2,450.00</u>
Environmental Scientist II	<u>\$195.00</u> x <u>20</u>	=	<u>\$3,900.00</u>
Environmental Scientist I	<u>\$155.00</u> x <u>20</u>	=	<u>\$3,100.00</u>
GIS Analyst	<u>\$155.00</u> x <u>15</u>	=	<u>\$2,325.00</u>
Administrative/ Clerical	<u>\$100.00</u> x <u>10</u>	=	<u>\$1,000.00</u>
Total Comparative Price			<u>\$12,775.00</u>

Additionally, as requested, a typical/complete Ramboll rate sheet is included as part of the response package. See below standard *2025 Billing Rates Gulf Coast Operations* for consideration and project contract negotiation.

2025 BILLING RATES Gulf Coast Operations

STAFF LEVEL	BILLING RATE
Principal	295
Principal Consultant	295
Senior Managing Consultant	280
Managing Consultant	245
Senior Consultant 2	210
Senior Consultant 1	195
Consultant 3	175
Consultant 2	155
Consultant 1	125
Drafting	115
Support	100
Student	65

Note:

- 1) Communication & computer cost: 6% of total labor cost.
- 2) Subcontractor markup: 15%
- 3) Other Direct Cost markup: 15%

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