



**ADVERTISEMENT
PUBLIC NOTICE
SOUTHEAST LOUISIANA FLOOD PROTECTION AUTHORITY – EAST REQUEST FOR
STATEMENT OF QUALIFICATIONS**

The Southeast Louisiana Flood Protection Authority – East (Authority) invites interested firms to submit Statements of Qualifications (SOQ). The Authority intends to award a contract for services outlined in this Request for Statement of Qualifications (RSOQ).

Respondents will be evaluated based upon the selection criteria as laid out / described in this document. The criteria categories are: Understanding of Project, Proposed Project Team, Relevant Project Experience, General Approach, Project Deliverables, and Ability to Meet All RSOQ Requirements.

Southeast Louisiana Flood Protection Authority - East is an Equal Opportunity Employer. We encourage participation of Small and Minority/Women Owned Businesses as prime consultants or as sub-consultants on projects under the jurisdiction of the Authority. We rely on the Louisiana Department of Transportation and Development's list of DBE firms in determining whether a firm meets DBE requirements. We rely on the Louisiana Department of Economic Development's list of certified Hudson Initiative firms in determining whether a firm meets small business requirements.

Additional information pertaining to this RSOQ can be found on the Authority's web site at www.floodauthority.org under the Business tab - RFQ. Questions regarding this RFQ should be submitted in writing to Mr. Ryan Foster, P.E., SLFPAE at rfoster@floodauthority.org no later than 4:00 pm on **Wednesday, September 4, 2019**. All submitted questions along with the Authority's responses will be posted on the Authority's website no later than **4:00 PM on Monday, September 9, 2019**.

The submittal documents must be delivered in a sealed envelope or box that must be clearly identified on the outside as **“Request for Statement of Qualifications – New Orleans Lakefront Airport Flood Protection Feasibility Study / Assessment”**. Provide six originals as well as an electronic copy PDF Flash Drive of the submittal documents **prior to 3:00 pm CDT on Friday, September 20, 2019** by hand delivery or mail to:

Ryan Foster, P.E.
Southeast Louisiana Flood Protection Authority – East
6920 Franklin Avenue
New Orleans, LA 70122
Phone: 504-286-3100

The Times-Picayune to run:

Wednesday, **August 21, 2019**
Wednesday, **August 28, 2019**
Wednesday, **September 4, 2019**

The Daily Journal to run:

Monday, **August 26, 2019**



REQUEST FOR STATEMENT OF QUALIFICATIONS
NEW ORLEANS LAKEFRONT AIRPORT FLOOD PROTECTION FEASIBILITY
STUDY / ASSESSMENT
NEW ORLEANS, LOUISIANA

August 21, 2019

1.0 INTRODUCTION

The Southeast Louisiana Flood Protection Authority – East (Flood Protection Authority) is seeking Statements of Qualifications (SOQ) from which to select a firm to provide Engineering Services for a feasibility report / assessment to provide a flood protection system for the New Orleans Lakefront Airport which would bring it into the existing Hurricane and Storm Damage Risk Reduction System (HSDRRS).

2.0 GENERAL BACKGROUND AND DESCRIPTION

The New Orleans Lakefront Airport, (Airport) was constructed in mid 1930s on a manmade peninsula dredged by the Orleans Levee Board which extends out into Lake Pontchartrain on the East side of the Inner Harbor Navigation Canal. The airport served as the primary commercial airport for New Orleans area until 1946 when commercial service began operating out of Moisant Field, (MSY) now Louis Armstrong International New Orleans Airport. The Airport now serves as a general aviation airport with charter and private flights. During emergencies the Airport is also used for evacuations and delivery of aid to the Greater New Orleans area. Lakefront Airport is the designated airport for medical evacuations under the Regions 1 Medical Institution Evacuation Plan.

The Lakefront Airport has been affected by Hurricanes and Tropical Storms over the years (starting in 1947 and including most notably Hurricane George, Katrina and Isaac). The storm surge associated with these storms has destroyed facilities and halted airport operations. Based on a base flood elevation of 13 feet and ground elevation that varies across the Airport from approximately elevation 3 to 5 feet, the Airport is located within a Special Flood Hazard Area (SFHA) and the current FEMA Flood Insurance Rate Map (FIRM) shows it in Flood Zone VE. Therefore, flood insurance is required and expensive and investment in revenue generating project developments such as additional Hangars, Hotels etc. is severely impacted. The reoccurring threat of storm surge damage closing the airport and business interruptions has further resulted in higher insurance premiums and also stunted capital improvement projects / investments.

The primary goal and features of the Feasibility Study / Assessment shall include but are not limited to:

- Type of flood protection system (ex: earthen levee, floodwall, floodgates, removable system(s), etc..) along with associated construction cost estimates
- Alignment Options
- Deployment and Manpower requirements associated with each option
- Long Term Operations and Maintenance for each option
- Required Height of Protection (Hydraulic and Insurance Premium considerations).
- Constructability with respect to maintaining Airport operations / minimizing disruptions
- Environmental and Human Impacts
- Drainage Impacts
- Permit Requirements
- Federal Aviation Administration Requirements (including but not limited to Federal Regulation Title 14 Part 77: Safe, Efficient Use and Preservation of Navigable Airspace).
- Feasibility of construction while adhering to Federal Aviation Administration Advisory Circular (FAA A/C) 150/5300-13A standards and recommendations for airport design.

The intent of this Feasibility Study is not to provide a detailed design level product, but rather as stated above, to determine flood protection options available for consideration that can be further developed in the future. Therefore, this study is not expected to include detailed Geotechnical and Survey Services. Existing information and data from previous design and construction projects at the airport as well as the nearby Hurricane and Storm Damage Risk Reduction System (HSDRRS) projects will be made available to the selected firm/team. In addition, the recently completed Airport Master Plan (2019) will also be made available. Limited confirmation survey and geotechnical services may be included, should it be determined necessary by the selected firm / team to provide more accurate assessments. The estimated project schedule to produce a draft report of all findings shall not exceed 180 days followed by a FPA comment period and the Selected Firm's response to comments which shall not exceed an additional 60 days.

The selected Firm / Team will be eligible for related future studies to refine or further evaluate particular flood protection alternatives as well as any related design services that may be needed.

3.0 REQUIRED DISCIPLINES

Below is a tentative list of disciplines that may be required to execute the scope of this RFQ (as study progresses additional disciplines may be needed).

- Project Management
- Civil Engineering
- Hydraulics Engineering
- Hydrology and Drainage Engineering
- Geotechnical Engineering
- Environmental and Permitting
- Mechanical Engineering
- Electrical Engineering
- Instrumentation/Controls Engineering

Team members should have experience in the following areas as it relates this RFQ

- Airport Design
- Floodwall and Earthen Levee Design in accordance with USACE and HSDRRS Standards

- National Flood Insurance Program
- FEMA Levee Certification

This feasibility study does not include investigation of funding sources or benefit/cost analyses.

4.0 SUBMITTAL REQUIREMENTS AND EVALUATION CRITERIA

4.1 SUBMITTAL REQUIREMENTS

This RFQ incorporates specific requirements to which Respondents must comply. The submittal must include a cover sheet, a signed transmittal letter and **single** fully completed Standard Form 330.

- Cover Sheet
The following information shall be included on a cover sheet.
 - Name of Respondent;
 - Respondent address;
 - Respondent telephone number;
 - Respondent federal tax identification number; and
 - Name, title address, telephone number, fax number, and email address of contact person authorized to contractually obligate the Respondent on behalf of the Respondent.
- Transmittal Letter
By signing the letter, the Respondent certifies that the signatory is authorized to bind the Respondent. The letter shall include:
 - A brief statement of the Respondent's understanding of the scope of the work to be performed;
 - A confirmation that the Respondent meets the qualification requirements as set forth herein A confirmation that the Respondent meets the appropriate state licensing requirements to practice in the State of Louisiana.
 - A confirmation that the Respondent has not had a record of substandard work within the last five years;
 - A confirmation that the Respondent has not engaged in any unethical practices within the last five years;
 - A confirmation that, if awarded the contract, the Respondent acknowledges its complete responsibility for the entire contract, including payment of any and all charges resulting from the contract;
 - Any other information that the Respondent feels appropriate; and
 - The signature of an individual who is authorized to make offers of this nature in the name of the Respondent submitting the proposal.
- Standard Form 330 (Rev. 8 / 2016)
Respondents must include a fully completed and signed SF 330. A link to electronic versions of SF 330 is provided below:
<http://www.gsa.gov/portal/forms/download/116486>

The SF 330 must include pertinent information for the prime contractor and all key subcontractors that make up the proposed team. An Organizational Chart of the

proposed team must be included as an attachment after Section C. It shall show the names and roles of all key personnel listed in Section E (limited to 20 personnel) and the firm they are associated with as listed in Section C.

The brief description provided for key personnel in Section E shall include information describing the individual's specific roles and responsibilities on the projects listed. If roles and responsibilities are not clearly and accurately presented, then the individual will not be given credit for experience on the referenced project.

Example / Relevant Projects (limited to 10 pages) listed in Section F shall be for work performed within the last ten years and must also include information on Firm's specific role (also specify Prime or Subcontractor) and design responsibility (Civil, Structural, Mechanical, etc.) on each project listed. If role and responsibility are not clearly and accurately presented, then the project will not be considered or evaluated as part of relevant experience.

Use Section H of the SF330 (limit of 12 pages) to provide information demonstrating past performance on contracts with Government agencies and private industry, and any other pertinent information you wish to include with the submittal.

Team should include a detailed description of the Firm's proven understanding and work on a project that has taken into account the restrictions set forth by the FAA as it pertains to the Runway's Object Free Area, Protection Zone, and Safety Area. If the project has required a Modification to Standard that should also be included in the description with details on what was granted.

- Format of the submittal
 - Font size (minimum 11 point), 1 inch margins
 - Maximum number of pages for each section
 - Organization of the submittal – coincident with the RFQ format
 - SOQ submitted in 3-ring binders or other appropriate and secure binding and as PDF(s) on a USB flash drive.
 - Tabbing of the sections within the binders for ease of navigating through each RFQ response
- Material to be submitted with each section – responses to section requirements as outlined herein.
- Submittal of all forms, to include copies of required licenses, insurance certificates, legal certifications, and verifications of Respondent's status – e.g., no conflicts of interest, etc.

If interested, Respondents shall submit a Statement of Qualifications (SOQ) that highlights the experience record of the *prime firm, complimented by their respective sub-consultants*, on past feasibility reports / assessments and also related civil works projects in the past. The Authority will review the SOQs in an effort to select a firm/team that displays a thorough understanding of the study process with a proven track record of success. The submittal should meet the following requirements as outlined below.

CRITERIA		MAXIMUM POINT SCORE
A.	Understanding of Project	5
B.	Proposed Project Team	25
C.	Relevant Project Experience	25
D.	General Approach	20
E.	Project Deliverables	20
F.	Ability to Meet All RSOQ Requirements	5
TOTAL		100 Points

Understanding of Project

5 Points

In Section H of the SF 330 The Respondent will submit their understanding of the scope of work, project goals, proposed design components/concepts, and expected / potential challenges.

Proposed Project Team

25 Points

In Section C of the SF 330 The Respondent's team should be listed. Resumes for key team professionals (1-page maximum length per professional and maximum of 20 resumes) from the prime and sub-consultants should be submitted in Section E of the SF 330. Resumes can be included for team members other than discipline leads, particularly to display experience, capabilities and depth of team. Resumes should be organized by discipline. The key team professionals are to be presented with respect to their qualifications and roles and responsibilities within the firm / team. Discipline leads for the project should be clearly identified throughout. Sub-consultants that hold key professional roles in the firm / team are to be also identified herein. The submittal shall include a justification for each sub-consultant being proposed as part of the team as well as a breakdown showing the anticipated percentage of work the sub-consultant will perform. Overlap of responsibilities and redundancy between prime and multiple sub-consultant's functions are discouraged. The team members and their roles in relevant projects should be provided in Section F of the SF 330. An organizational chart should be provided depicting the firm / team structure and roles of the Prime and each sub-consultant team firm in Section D of the SF 330.

Relevant Project Experience

25 Points

In Section F of the SF 330 Relevant project experience (maximum of 10 projects completed within the last ten years) is to be provided with particular emphasis on feasibility / assessment projects as well as a variety of flood protection design projects. **Respondent is required to provide past performed project cost estimates (opinion of probable construction cost) and also corresponding bid costs for comparison.** Project experience is not limited to, but should include those projects within Louisiana and the Gulf Coast Region and emphasize the primary goal and features listed in Section 2.0 and the team member disciplines and experience listed in Section 3.0

of this RSOQ. Respondent sub-consultants' project experience can be included as applicable to the above considerations within the Respondent's submittal. Firm / Team shall have at least 10 years of experience in design of flood protection features. A minimum of 5 and a maximum of 10 relevant projects completed within the past ten years are to be submitted. The project information should clearly demonstrate the project team members who were involved and their role. The role of each firm on the team should be clearly identified for each project.

General Approach

20 Points

Also in Section H of the SF 330 The Respondent shall describe their approach to meeting the goals of the project and provide specificity to their process, the Respondent's experience, and assessment steps. This section should include expected stakeholders which will need to be included throughout the process and a rough outline on schedule of deliverables.

Design and construction challenges/risks of alternative alignments and type of flood protection systems should be described in this section. The Firm / Team should provide detailed discussion of the challenges foreseen and possible solutions and/or consequences of each design and construction challenge.

Innovative concepts can be discussed here, but only if the innovation is proven and the Firm / Team has successfully implemented the concept on their other project(s).

Project Deliverables

20 Points

In Section H of the SF 330 the Firm / Team should include a detailed description of the Firm's planned deliverables if awarded this feasibility assessment. This may include drawings and renderings of each proposed flood protection option and alignment, design and construction duration estimated for each option, estimated cost of each option, benefit and risk / pros and cons associated with each option, Impact to airport operations during construction and with operation and maintenance of each option etc. Note that for this RSOQ we are expecting only descriptions and / or examples of what your firm / team will provide if awarded this contract not the actual deliverables for this Feasibility Assessment.

Ability to Meet All RSOQ Requirements

5 Points

RFQ requirements have been identified throughout this RFQ package. The Respondent is expected to follow the outlined instructions and meet all submittal requirements. The Respondent should submit all required forms, submit the required number of copies in the required format and size, and verify all licenses and insurance certifications.

Southeast Louisiana Flood Protection Authority - East is an Equal Opportunity Employer. We encourage participation of Small and Minority/Women Owned Businesses as prime consultants or as sub-consultants on projects under the jurisdiction of the Authority. We rely on the Louisiana Department of Transportation and Development's list of DBE firms in determining whether a firm meets DBE requirements. We rely on the Louisiana Department of Economic Development's list of certified Hudson Initiative firms in determining whether a firm meets small business requirements.

Additional information pertaining to this RSOQ can be found on the Authority's web site at www.floodauthority.org under the Business tab - RFQ. Questions regarding this RFQ should be submitted in writing to Mr. Ryan Foster, P.E., SLFPAGE at rfoster@floodauthority.org no later than **4:00 pm on Wednesday, September 4, 2019**. All submitted questions along with the Authority's responses will be posted on the Authority's website no later than **4:00 PM on Monday, September 9, 2019**.

The Authority, at its discretion, may select the highest scoring firm to enter into contract negotiations, or may conduct oral interviews with several of the highest scoring firms. Then, as a result of the interviews, the Authority will determine which firm will be selected to enter into contract negotiations. Unsuccessful firms will be notified as soon as practical. The submittal documents must be delivered in a sealed envelope or box that must be clearly identified on the outside as **"Request for Statement of Qualifications – New Orleans Lakefront Airport Flood Protection Feasibility Study / Assessment"**. Provide six originals as well as an electronic copy PDF Flash Drive of the submittal documents **prior to 3:00 pm CDT on Friday, September 20, 2019** by hand delivery or mail to:

Ryan Foster, P.E.
Southeast Louisiana Flood Protection Authority – East
6920 Franklin Avenue
New Orleans, LA 70122
Phone: 504-286-3100

Responses to this RFQ received after **3:00 pm CDT on Friday, September 20, 2019**, will be rejected and returned to the Respondent unopened.