

**REQUEST FOR STATEMENT OF QUALIFICATIONS
FOR
ENGINEERING SERVICES ASSOCIATED WITH
KINGS BLUFF RAW WATER PUMP STATION
AIR BACKWASH BUILDING & ACCESS WALKWAY REPLACEMENT**

GENERAL

The Lower Cape Fear Water & Sewer Authority (Authority) desires to contract with a consultant for professional engineering services associated with the design, permitting, bid, construction administration and construction observation for the replacement of an air backwash building(s) and access walkway for the Kings Raw Water Pump Station.

SUBMISSION OF STATEMENT OF QUALIFICATION (SOQ)

Consulting engineering firms are invited to submit a Statement of Qualification to the Authority to be received no later than 4:00 PM on May 3, 2023. Submittals received after this deadline will not be considered.

The Authority will address questions regarding the SOQ until 4:00 PM on April 26, 2023. Questions submitted after this deadline will not be addressed.

SOQ's shall be limited to **15 pages or less**, excluding cover page, tabs, resumes and appendices.

Firms shall submit **one (1)** electronic PDF Format file of their statement of qualifications for consideration. Submitted information shall comply with N.C.G.S. 143-64.31 through 64.34 (aka Mini Brooks Act).

Statement of Qualifications shall be delivered on or before the referenced deadline to:

Lower Cape Fear Water & Sewer Authority

Danielle Hertzog, Finance Administrative Assistant
admin@lcfwasa.gov

All SOQ's will be evaluated by Authority personnel. One firm will be selected from this request for qualifications.

Project Site Visit: A non-mandatory on-site meeting will be held at the Kings Bluff Pump Station at 10 AM April 24th, 2023. The address of the facility is as follows:

246 Private Road
Riegelwood, NC 28456

PROJECT BACKGROUND

The Lower Cape Fear Water & Sewer Authority (Authority) owns and operates the Kings Bluff Raw Water Pump Station located above Lock & Dam No. 1 in Bladen County. The station utilizes parallel 60-inch diameter and 48-inch diameter raw water intakes to withdraw raw water from the Cape Fear River above Lock & Dam No. 1. Each intake pipe includes three

submerged screens (six total) and a separate air-backwash building (two each) dedicated to each screen system. Each air backwash building includes a dedicated air storage tank used to backwash the screens. An air compressor is located in the pump station building to charge the storage tanks.

The air backwash buildings and systems are located near the bank of the Cape Fear River and are accessed via an elevated, wooden walkway. The walkway and existing buildings are in poor condition and require replacement. The scope of work for this project will generally include:

Phase I: Preliminary Engineering Report

- Evaluate options and materials to replace the backwash buildings and walkway.
- Evaluate options for relocation or consolidation of the air backwash systems.
- Develop opinions of probable project cost for each option
- Develop anticipated schedule for each option.
- Evaluate and identify permitting requirements.
- Provide a recommended alternative.

Phase II: Design, Bid, Permitting, Construction Administration, Construction Observation

- Design services for the recommended alternative to include compilation of contract documents suitable for permitting, bidding, and construction.
- Prepare and submit appropriate permit applications to regulatory agencies
- Formal bid & award phase services
- Construction Administration & Observation Services

EVALUATION

Firms submitting Qualification Statements to perform the Engineering Services will be evaluated based upon the firm's experience, knowledge and familiarity in engineering services for the typical scope of work as defined in the Requirements section of this Request for Qualifications, by demonstration with previous project experience, and references.

Firms submitting Qualification Statements to perform engineering services shall demonstrate their experience, knowledge and familiarity in typical work assignments as outlined below. The selected firm will provide the services identified in the Project Background of this proposal. The Authority will negotiate a fee with the selected firm commensurate with the services required.

REQUIREMENTS

Qualification Statements shall include:

- 1) Cover letter.

- 2) Firm name, address, telephone number, fax number, email address, and contact person(s).
- 3) Year in which the firm was established and any former names under which the firm operated.
- 4) Organizational chart of proposed team.
- 5) One-page resume of qualifications and experience of personnel who would be performing engineering services for the project:
- 6) A list of three (3) maximum raw water pump station design projects demonstrating experience/understanding of similar projects. For each project listed, include the following:
 - i. A summary of the scope and type of engineering performed
 - ii. Owner of the project
 - iii. Name, number and email of a reference for the project

Firms that are interested in submitting for this project are advised that this is a Request for Qualifications only, and that selection will be made based solely upon the qualifications submitted. A Project Approach, Schedule, Man-hour projection, or other similar detailed information beyond what is identified in this Request for Qualifications shall not be submitted.

NOTIFICATIONS

The selected firms will be notified by telephone and/or email.

The Authority reserves the right to reject any and all Proposals.