



Request for Qualifications Professional Engineering Consulting Services

Gravity Sewer Rehabilitation and Market Street Waterline Replacement

**Cape Fear Public Utility Authority
Wilmington, North Carolina
September 24, 2024**

General Information

The Cape Fear Public Utility Authority (CFPUA) requests statements of qualifications (SOQ) from consulting engineering firms for professional services related to the replacement and/or rehabilitation of water distribution and sanitary sewer infrastructure within our service area. This replacement and/or rehabilitation work may include, but may not be limited to, professional engineering design and permitting, construction administration and observation, condition assessments, and surveying.

The contract will include two separate projects as stated below:

- Rehabilitation of existing gravity sewer mains located throughout the service area. Diameters of existing gravity mains range from 6 inch to 8 inch and materials include CIP and VCP pipe. Gravity sewer segments to be considered for rehabilitation will be provided by the CFPUA.
- Replacement of 6-inch diameter cast iron water main in the 0 block of Market Street that is nearing the end of its useful life. A location map with pipe information is attached.

The project will consist of surveying, preparing plans, technical specifications, permitting, and construction services. Tasks performed may include but not limited to:

- Design of sanitary sewer pipe and manhole rehabilitation utilizing CIPP lining, inline point repairs, pipe bursting, manhole lining/insert technologies as well as water main replacement. The sanitary sewer work will include flushing, cleaning and CCTV inspection. In the event that the infrastructure fails during the course of the work, the engineering firm may be required to perform emergency engineering services as required.
- Construction administration and construction observation (CA/CO) will be utilized for projects designed by the selected engineering firm for water and sewer projects. CA/CO services shall consist of field observation, coordination, preliminary submittal review, preliminary pay request review, etc. The construction observer will report directly to the engineer of record.
- Experience with water distribution and gravity sewer rehabilitation and replacement projects in an active urban environment is required. Surveying will typically be manhole rim and inverts of



all pipes entering and exiting the structure or equivalent shots on other linear infrastructure. Survey shall be conducted to the nearest tenth of a foot unless otherwise stated.

- Rehabilitation or replacement design of water and sewer infrastructure in support of CFPUA Asset Management.
- All necessary permitting

Prompt delivery and demonstrated accuracy is relevant to selection.

Submission of a Statement of Qualifications (SOQ)

Consulting engineering firms are invited to submit a Statement of Qualification (SOQ) to the CFPUA to be received no later than 2:00 PM on October 24, 2024. Submittals received after this deadline will not be considered.

CFPUA will address questions regarding the RFQ until 2:00 PM on October 15, 2024. Questions submitted after this time will not be addressed. Questions concerning this advertisement should be directed to Ben Guerrieri, Procurement Manager, Cape Fear Public Utility Authority, at bids@cfpua.org.

SOQs shall be limited to 20-pages or less, excluding cover page, table of contents, tabs, resumes and appendices.

Firms shall submit their statement of qualifications for consideration in .pdf format to bids@cfpua.org. Maximum file size for .pdf submission is 25MB. A reply will be sent to the email address submitting the statement of qualifications to confirm receipt. It is the submitting firms' responsibility to confirm that CFPUA has received statement of qualifications via email. If email reply is not received from bids@cfpua.org, please call 910-332-6472 or 910-332-6651 before deadline for submission.

Submitted information shall comply with N.C.G.S. 143-64.31 through 64.34 (aka Mini Brooks Act).

All SOQ's will be evaluated by a CFPUA selection team.

One firm will be selected from this request for qualifications.

Description of Services

The scope of work is expected to include the services described below. No guarantee is expressed or implied by the CFPUA that all services will be performed or that the selected consultant will perform all services associated with the project. The CFPUA may terminate work or pursue other consultant selections at any phase of the project. Services for construction phase support may be negotiated after final plans have been received and construction funding is approved.

Overall objectives of this project are outlined below:



1. Gather and evaluate available information provided by CFPUA and perform preliminary field investigations as needed for design
2. Obtain survey, SUE information and provide easement maps if needed.
3. Prepare detailed design and specifications for bidding
4. Obtain all necessary permits and encroachment agreements
5. Provide traffic control plan if required.
6. Provide bidding assistance, certified bid tabulation and letter of recommendation to award

Schedule

The CFPUA selection team will place strong emphasis on a firm's ability to meet the schedule of deliverables outlined below. The selected consultant will be expected to complete final plans and specification in general accordance with the project schedule shown below, or sooner.

Gravity Sewer Main Rehabilitation Project:

- | | |
|--|-------------------|
| ○ Complete Scope and Contract | November 15, 2024 |
| ○ Notice to proceed | November 25, 2024 |
| ○ 90% design submittal | January 15, 2025 |
| ○ Final contract documents and permits | January 25, 2025 |

Market Street Water Main Replacement Project:

- | | |
|--|-------------------|
| ○ Complete Scope and Contract | November 15, 2024 |
| ○ Notice to proceed | November 25, 2024 |
| ○ 30% design submittal | January 25, 2025 |
| ○ 90% design submittal | March 25, 2025 |
| ○ Final contract documents and permits | May 1, 2025 |

Consultant Selection

CFPUA will follow a qualifications-based selection process. Consultants must demonstrate their level of competence and qualification, and each sub-consultant's level of competence and qualification, with respect to the listed evaluation factors for the needed services.

SOQ's will be evaluated based on the following four (4) considerations and the level of importance for each consideration. The SOQ shall be formatted consistent with the evaluation consideration. Criteria shown under each of the four (4) considerations are to be addressed in the SOQ. Consultant's may provide additional information as necessary.

1. Project understanding and approach (30%)
 - a. Understanding of project drivers and success factors



- b. Approach for the work and to keep the project on schedule
 - c. Description of the design team's quality control program
2. Relevant firm experience (25%)
 - a. Projects of similar size and scope
 - b. References and descriptions of similar projects
3. Overall staff experience proposed for this project (25%)
 - a. Principal in charge of the project
 - b. Individual team members for each discipline and relevant experience
 - c. Location of each team member to facilitate efficient project execution
4. Record of success by the consultant (20%)
 - a. Managing design and construction costs within project budgets and design estimates
 - b. Record of project success, demonstrated by work previously performed for CFPUA or similar work performed for others

A more detailed scope of work and fee schedule will be negotiated with the best qualified firm. If negotiations are not successful with any selected firm, CFPUA will terminate negotiations with that firm and initiate negotiations with the next best qualified firm. When a fair and reasonable fee is established, a contract award recommendation will be made to the CFPUA Board for its consideration.

Insurance Requirements

The following criteria will be deemed necessary for selection:

- The firm must meet the following insurance requirements. Workers Compensation may be waived if firm has no employees.
- General Liability \$1,000,000 per occurrence/\$2,000,000 aggregate. Authority must be additional insured and endorsement required.
- Workers Compensation \$500,000/\$500,000/\$500,000. Waiver of Subrogation against the Authority and endorsement required.
- Auto Liability Insurance \$1,000,000 per occurrence combined single limits applicable to claims due to bodily injury and/or property damage. Authority must be additional insured and endorsement required.
- Professional Liability not less than \$2,000,000 per loss.
- Any firm wishing to be considered must be properly registered with the Office of the Secretary of State.



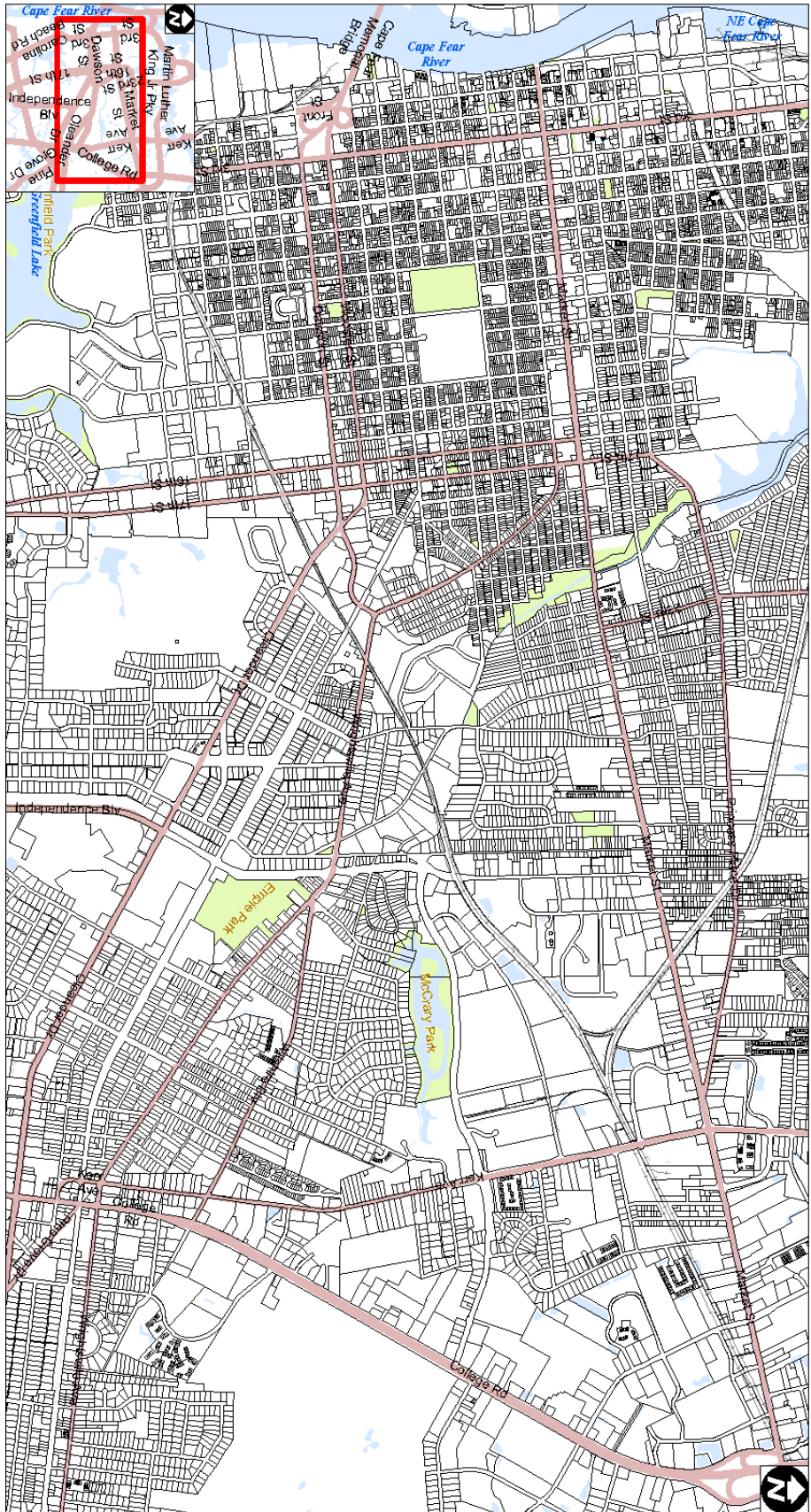
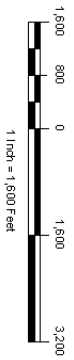
Notification

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

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

CFPUA will address questions regarding the RFQ until 2:00 PM on October 15. Questions submitted after this time will not be addressed. Any questions concerning this advertisement should be directed to Ben Guerrieri, Procurement Manager, Cape Fear Public Utility Authority, at bids@cfpua.org by October 15, 2024 at 2:00 PM.

Maps Attached



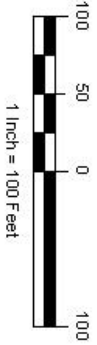
This data is from GIS sources. The accuracy can not be guaranteed and should not take the place of a field survey.

JH Create & 03/18/2024 Last Update & 2/16/2024
S:\TreatmentEng\ME\regnews\0002_Planing and Design\03182024\2024 Planning and Design\03182024 Sewer Lining\GIS Overview\04

**2024 Sewer Lining
Overall Map**

03/18/2024
Sensitive Public Security Information Non-
Releasable per NCGS 132-1.7

This data is from GIS sources. The accuracy can not be guaranteed and should not take the place of a field survey.



09/18/2023
Sensitive Public Security Information Non-Releaseable per
NCOS 132-1.7
JDH Created: 09/18/23 Last Updated: 7/9/2024
SACFPUA Common Asset Management Meetings WAD 056 Inch Water Main - Market Street and
Water Street 6 Inch Water Main - Market Street and Water Street.mxd

6-Inch Water Main - Market Street and Water Street



Legend

- 6-Inch Water Main To Be Replaced
- Water Mains
- 8" or Less (or Unknown)
- 10" - 12"
- Greater Than 12"
- Parcels