



REQUEST FOR QUALIFICATIONS (RFQ)

ENGINEERING AND PROJECT MANAGMENT

SERVICES

FOR

WATER WITHDRAWAL PERMITTING AND

TREATMENT PILOT STUDY

MAY 30, 2014 REVISION 1

3850 HIGHWAY 221 S.
LAURENS, SC 29360

INTRODUCTION

The Laurens County Water and Sewer Commission (LCWSC) provide water distribution, sewer collection and sewer treatment to the unincorporated areas of Laurens County. The LCWSC water distribution system consists of approximately 800 miles of water mains, eleven elevated tanks and three booster pump stations. The system serves approximately 14,000 taps (37,000 persons) at this time. The LCWSC purchases water from the Greenville Water System (GWS), Laurens Commission of Public Works (Laurens CPW) and the City of Clinton (Clinton). At present, the LCWSC system purchases approximately one million gallons per day (1.0 MGD) from each of the wholesale providers.

The LCWSC is seeking qualification statements from Engineering firms offering Engineering and Project Management services for the proposed "Lake Greenwood Water Treatment Plant Permitting and Pilot Study". Services may include: FERC licensing (or amendment of the Greenwood County License) for the withdrawal of water from Lake Greenwood; SCDHEC withdrawal permitting; design of a pilot study to compare performance and O&M costs of several drinking water filtration and sedimentation technologies; implementation and data analysis of the pilot study and final Preliminary Engineering Report.

PROJECT DETAILS

As the County and its water demands grow, the existing water treatment systems will not be adequate to supply the system demands. In 2009, the LCWSC commissioned the engineering firm BP Barber to study the water resources of Laurens County as a whole and compare the available resources to the county's projected demands. The report indicates that the existing water supply may become stressed during peak demands within the next 5-10 years and may be inadequate for average daily demands within the next 20 years.

Laurens County only has a few major rivers or lakes that can be used for drinking water supply. The City of Clinton at present uses the Enoree River, and it's tributary Duncan Creek, for water supply. The Laurens CPW uses Lake Rabon (Rabon Creek) for water supply. The remaining water supply resources are the Reedy River and Saluda River. Both of these rivers flow to Lake Greenwood on the county's southwest border.

The LCWSC plans to construct facilities near Lake Greenwood in order to add these two remaining rivers to the county's water supply. For your reference, construction plans and specifications (phase II of the project) are expected to include the following basic scope:

- Construct a Water Treatment Plant of approximately 5 MGD capacity
- Utilize the existing 38 acre site located on Good Hope Church Road as the plant location
- Construct a Raw Water Pump Station adjacent to Lake Greenwood.
- Utilize the existing 6 acre site located on Baptist Assembly / Disciples Trail Rd for the pump station site.
- Construct parallel raw water mains from the Raw Water Pump Station to the Water Treatment Plant
- Construct approximately 10 miles of water distribution main from the Water Treatment Plant to Laurens vicinity
- Construct booster pump stations at hydraulic grade lines to increase system pressure as required.

EXPECTATIONS

The LCWSC is beginning the water treatment plant project well in advance of the expected start of construction. This first phase of the project is expected to last approximately 3 years, and will require obtaining all approvals necessary to vet the Water Treatment Plant site, raw water quantity, raw water quality, treatment design parameters and project budget. We expect that this phase will culminate in preparation of a Preliminary Engineering Report (PER), suitable for review and approval by SCDHEC and other agencies. The PER must include alternative analysis and recommendations based upon capital costs, O&M costs and performance objectives. We do not expect this phase of the project to include preparation of construction plans and specifications.

Firms should expect the following minimum requirements in the engineering services agreement:

- Monthly billing statements based on project milestones and completion thereof.
- Monthly progress reports
- A "not to exceed without approval" fee agreement that allows the engineer to be compensated for additional work over the not-to-exceed amount only upon **prior** approval from the LCWSC.

EVALUATION CRITERIA

Firms will be evaluated on their ability to meet the requirements of this Request for Qualifications (RFQ). The LCWSC expects to select approximately 3 firms from the RFQ applicants for additional evaluation to include interviews and site visits. The final selection will be at the sole discretion of the LCWSC and may include additional factors not specifically discussed in this RFQ.

The qualifications and abilities of the proposed project team members will be judged as presented by the firm. References should be provided for relevant projects worked on during the previous ten (10) years. No credit will be given for experience that is not attributed to an individual on the project team. The evaluation criteria are as follows:

1. (10 points) Permitting experience relevant to FERC license amendments for water withdrawals.
2. (10 points) Permitting experience relevant to SCDHEC water withdrawal permit.
3. (60 points subtotal) List ALL water plant projects for the last ten (10) years.
 - a. (20 points) List project references for the types of treatment technologies that may be considered. For example, each firm will be required to list references for membrane filtration, conventional filtration, activated carbon, conventional sedimentation, plate settlers, tube settlers, etc. The LCWSC will not prescribe the technologies that must be represented. Each firm will be allowed to comment on their relative "breadth" or "depth" of experience with available water treatment technologies.

- b. (20 points) List project references for size of treatment plants. The LCWSC feels that relevant experience with water treatment plants rated at 5 MGD or less is relevant to the success of this project.
 - c. (20 points) References for DBP control effectiveness.
4. (5 points) Demonstrated history of maintaining Project Schedule
 5. (5 points) Demonstrated history of maintaining Project Budget
 6. (5 points) Principal office location and nearest regional office
 7. (5 points) Legal / Litigation history for the last ten (10) years

SUBMITTAL REQUIREMENTS AND INFORMATION

A. Company Information

1. History of company, including ownership and key management.
2. Location of office(s) which will be involved in the Projects during both design and construction.

B. Project Team

1. Provide resumes describing your Project Team, along with their individual and team experience in projects similar in nature to the Owner's project described herein.
2. Include an organizational chart identifying key individuals and their responsibilities.

C. Previous Experience

1. Describe your previous experience in providing the services as described above. Provide a minimum of three references.
2. Identify all **relevant water plant** projects (name, location, completion date and construction contract amount) for the past **five [ten]** years.
3. Identify related projects which will be complete in the next 90 days **or have been completed within the last six months** (provide reference).

D. Workload

1. Identify your annual volume of work for the last five years. Where a local office is involved, please provide similar information if there is a local office.
2. What is the current dollar value of work under Contract?
3. What is the typical dollar range of projects under Contract with your firm?

E. Financial and Insurance Information

1. Submit current insurance coverage amounts (GL and E&O/Professional Liability).
2. Provide at least one bank reference.

F. Miscellaneous

1. Firms must send at least one (1), but not more than three (3) representatives to the Mandatory Pre-submittal meeting **tentatively** scheduled for 12:00 pm on Wednesday May 28 at the LCWSC's main office training rooms, at the submittal address referenced below. The date and time of the meeting may change. Notice will be provided via the LCWSC's web site and via email upon request.
2. Responses should thoroughly address all the items listed in the preceding section. Responses which do not address all of these areas may be considered incomplete.
3. Response packages should be in the following order:
 - a. One-page cover letter
 - b. Executive summary
 - c. Submittal requirements
4. ~~Related project experience should not exceed more than five representative projects.~~
5. Responses should not exceed 50 pages (8 ½ by 11).
6. Final selection decisions rest solely with LCWSC. LCWSC reserves the right to select any or none of the Firms submitting qualifications if it is in the best interest of LCWSC. LCWSC reserves the right to cancel the solicitation and/or re-solicit, and to cancel the Project. LCWSC considers responses to this RFQ by competing Firms as purely voluntary, and LCWSC is under no financial obligation to said Firms regarding the contents of their response

RECEIPT OF RESPONSES

1. Submit six (6) copies of the response to:

RFQ
Laurens County Water and Sewer Commission
3850 Hwy 221 S.
Laurens, SC 29360

2. All responses should all be submitted no later than 5:00 p.m. EDT, June 13, 2014.
3. Direct all questions concerning this RFQ in writing to RFQ@lcwsc.com
4. Only written communication relative to this RFQ will be considered. No oral communication from Firms responding to this RFQ can be relied upon for response purposes.

ANTICIPATED RFQ REVIEW AND SELECTION TIMELINE

May 15, 2014	RFQ Distributed and Advertised
May 28, 2014	MANDATORY Pre-submittal Meeting
June 13, 2014	Qualification Packages Due
July 1, 2014	Notifications Sent to Short-listed firms
July 1 to August 1, 2014	Interviews of Short-listed Firms
August 8, 2014	Final Contract Award / Request for Proposal (if needed)