REQUEST FOR QUALIFICATIONS

WATER PRODUCTION WELLS AND ASR WELLS
DESIGN AND CONSTRUCTION ADMINISTRATION AND
INSPECTION SERVICES

PROJECT NO. WS85010054

MAYOR
GREG STANTON

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CITY MANAGER – ED ZUERCHER
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REQUEST FOR QUALIFICATIONS

WATER PRODUCTION WELLS AND ASR WELLS – DESIGN AND CONSTRUCTION ADMINISTRATION AND INSPECTION SERVICES

PROJECT NO. WS85010054-2

The City of Phoenix is seeking three qualified consulting engineers to provide design and permit services, and construction administration and inspection services for the design of production wells and Aquifer Storage and Recovery Wells (ASR). The design services will include the well design (which will require a hydrogeological engineer) as well as the well infrastructure to include any well head treatment systems needed for the removal of arsenic or nitrates. There is a total of 21 Wells that will be completed in Two Phases. For the first phase the City plans to design and construct 10 wells by 2021 with a total construction cost of $47,000,000. It is anticipated that each design firm will receive a minimum of 3-4 well projects. Phase Two is planned to begin in 2020.

SECTION I: PROJECT DESCRIPTION

The City plans to install 4 production wells and 6 ASR wells for this project. The production capacity anticipated for the wells will be between 1,000 and 1,800 gpm. Water pumped from the wells will be used to supplement potable customers throughout Phoenix.

The goal of these wells is to augment Phoenix’s potable water resources during times of long-term water shortages, emergency outages, and meeting potable system demand balancing.

Components of the well site include:
  - Well with sounding tube
  - Piping from the existing distribution line to the new well (Source Line for ASR wells);
  - Arsenic or nitrate treatment system (production wells);
  - Water flush lubrication system;
  - Pump and motor for the well;
  - Ancillary equipment related to the well (flow-meter, pressure sustaining valve, bypass valve, and pressure transducer);
  - Instrumentation and connections to Supervisory Control and Data Acquisition (SCADA) system to fully automate the well;
  - Electrical power feed to all new equipment;
  - Monitor well with dedicated pump for ASR Well sites only
  - Dechlorination system for ASR Well only.
  - Chlorination system; and
  - Pump to waste system to sewer
  - Piping to larger diameter distribution main

SECTION II: SCOPE OF WORK FOR WELL DESIGN AND DRILLING

For each well, prepare and assist the City in a 5% Design Concept Report (DCR) for the siting of the well, 1 monitor well if required, and ancillary infrastructure (electrical, piping, temporary treatment system, pipe lay-down area, pump to waste, chlorination system, and dechlorination system (if needed).

Prepare and submit appropriate Arizona Department of Water Resources (ADWR) permits for the drilling and testing of the well (and monitoring well if needed). In addition, we anticipate that
the hydrogeologic consultant will prepare and submit a Well Impact Analysis Report in support of ADWR well permit. For ASR wells, the hydrogeologic consultant will prepare the Underground Storage Facility, water storage, and recovery well permits, once the well is constructed, tested, and the site is at 30% design.

- Hydrogeologic consultant shall prepare and submit design specifications for the wells. Details and elements for ASR must be incorporated in the design specifications if required. The design specifications will be used for bidding purposes for the drilling and installation of the well (and the monitor well if required).

- Obtain permits for temporary surface discharges while the well is being tested. This will likely require coordination with the Arizona Department of Environmental Quality, Arizona State Land Department, and Flood Control District of Maricopa County.

- Obtain construction and operational permits through Maricopa County, ADWR, and ADEQ. For ASR wells, a hydrogeologic consultant will prepare and submit USF, water storage, and recovery permits through ADWR/ADEQ. Approval to construct, approval of construction, and new source permits will be submitted to Maricopa County.

- Provide support services for project award including attending any pre-selection or pre-bid meetings, responding to contractor questions, and issuing as/if required.

- Perform the following professional services during construction: lithologic and geophysical logging (including spinner log analysis), zonal sampling, depth-specific sampling, falling head tests, slot-size and filter pack design, reporting and inspection of well construction materials (casing, filter pack, and annular seals), well development airlift development and pump and surge development), aquifer testing, and well video analysis.

- Prepare and submit well installation and testing report. This report should document all drilling, construction, development, and testing activities of the well (and monitor well if required). Geophysical and lithologic logs and photo log documenting all field activities shall be included in the Appendix.

- Design consultant shall prepare and submit grading and drainage plans to the City of Phoenix Development Services Department for the site if required.

SECTION II: SCOPE OF WORK FOR WELL INFRASTRUCTURE DESIGN

The design scope for each well will include, but not limited to:

- Evaluate the City’s pipe system near the well to ensure the well is integrated properly into the existing potable distribution system. Determine and identify if any changes should be made to reduce construction costs, and develop a system that is operator friendly.

- Assist the City in obtaining all permits (City (Streets, Fire, and Development), County, and State) and approvals that may be necessary for construction and operation of the well.

- Prepare project documents (design report, drawings, and specifications) and submit for review and approval (30, 90, and 100%) including cost estimates at these stages of the project.
- Provide support services for project award including attending any pre-selection or pre-bid meetings, responding to contractor questions, and issuing as/if required.

- Prepare and submit documents (photo ready) for construction procurement, including owner-furnished “boiler-plates” to the Street Transportation Department for review and approval.

- Additional services will include construction management inspections and oversight, reviewing construction schedules, issue technical and construction clarifications, certify Contractor progress payments, material testing, produce record drawings and project documents (e.g., operations and maintenance manual), training and commissioning, preparing guidance documents, oversight of backwash operations and well development activities, and developing SCADA programming specifications.

SECTION III: PRE-SUBMITTAL CONFERENCE

A pre-submittal conference will be held on March 16, 2017 at 10:00 am to 12:00 pm local time, at Phoenix City Hall, Conference Room Assembly Room B located at 200 West Washington Street 1st Floor Phoenix, Arizona. At this meeting, staff will discuss the scope of work, general contract issues and respond to questions from the attendees. As City staff will not be available to respond to individual inquiries regarding the project scope outside of this pre-submittal conference, it is strongly recommended that interested firms send a representative to the pre-submittal conference.

SECTION IV: STATEMENT OF QUALIFICATIONS EVALUATION CRITERIA

Three firms will be selected through a qualifications-based selection process based on the following criteria:

A. General information (15 points)

1. Provide a general description of the firm or team that is proposing to provide services for the project.

2. Provide the following information:
   a. List the professional licenses held by the team and the key personnel who will be assigned to this project.
   b. Identify the location of the lead firm’s principal office and the home office location of key staff on this project.
   c. Provide an organization chart showing key personnel.

B. Design Experience of the Prime Firm (17 points)

Discuss the experience and qualifications of the prime firm in providing design services for similar projects. For each project listed, please provide:

1. Description of the project
2. Project’s original contracted construction cost and final construction cost
3. Construction dates
4. Project owner
5. Percentage of DBE participation in design phase
6. Reference information (two current names with telephone numbers per project)

C. Construction Administration and Inspection Experience of the Prime Firm (8 points)
Discuss the experience and qualifications of the prime firm in providing construction administration and inspection services for similar projects. For each project listed, please provide:

1. Description of the project
2. Project’s original contracted construction cost and final construction cost
3. Construction dates
4. Project Owner
5. Percentage of DBE participation in construction administration and inspection services
6. Reference information (two current names with telephone numbers per project)

D. Experience of Key Personnel and Subconsultants (20 points)

Experience and qualifications of the specific project team expected to be assigned to this project. Include sub-consultant, including DBEs, experience. Identify each team member’s role in the projects identified.

For each key person identified, list their length of time with the firm and at least two comparable projects in which they have played a primary role. If a project selected for a key person is the same as one selected for the firm, provide just the project name and the role of the key person. For other projects provide the following:

1. Description of project
2. Role of the person
3. Project’s original contracted construction cost and final construction cost
4. Construction dates
5. Project Owner
6. Reference information (two current names with telephone numbers per project)

E. Project Understanding and Approach (30 points)

Understanding and approach to the project, including a discussion of the important considerations of the project and the teams approach to the project issues.

F. Overall evaluation of the firm and its perceived ability to provide the required services (10 points)

Overall evaluation of the firm’s capability to provide the required services as determined by the selection panel members. No additional submittal response is required.

SECTION V: SUBMITAL REQUIREMENTS

Firms interested in this project should submit a Statement of Qualifications (SOQ). Submittal requirements are as follows:

ALL FIRMS MUST BE REGISTERED IN THE CITY’S VENDOR MANAGEMENT SYSTEM PRIOR TO SUBMITTING A PROPOSAL. FOR NEW FIRMS - THE CITY WILL SEND AN EMAIL TO YOUR FIRM WITH A VENDOR NUMBER WITHIN TWO DAYS OF SUBMITTING THE REQUEST. THE VENDOR NUMBER NEEDS TO BE INCLUDED ON THE COVER OF THE STATEMENT OF QUALIFICATIONS OR ON THE BID PROPOSAL PACKAGE/ENVELOPE. INFORMATION ON HOW TO REGISTER WITH THE CITY IS AVAILABLE AT:

https://www.phoenix.gov/finance/vendorsreg
☑ Cover Letter: Clearly display the firm name, vendor number, project title, and project number on the cover of the SOQ and submittal package.

☑ Evaluation Criteria: Address the SOQ evaluation criteria and include a project organizational chart.

☑ Additional Content: Resumes and other information may be included (content shall be included within the permitted maximum page limit).

☑ Submittals:

- Clearly display the firm name, vendor number, project title, and project number on the cover of the SOQ and submittal package.
- Submittals must be placed in the depository located in the reception area on the 6th Floor of Phoenix City Hall by the submittal due date/time.
- All submittals must be addressed to:

  City of Phoenix
  Kini L. E. Knudson, PE, City Engineer
  c/o Ellen Pimental, Contract Specialist
  200 W. Washington Street, 6th Floor
  Phoenix, AZ 85003-1611

- Provide seven (7) copies of the Statement of Qualifications. maximum of 12 pages is permitted to address all content in the SOQ submittal. (Maximum page limit includes evaluation criteria and all additional content. It does not include cover letter.)
- Submit the Statement of Qualifications by 12:00 noon, local time, on Thursday, March 30, 2017
- Paper Size shall be 8½” x 11”
- Font size may not be less than 10 point
- Each side of a page containing evaluation criteria and additional content will be counted toward the maximum page limit noted above
- Pages that have project photos, charts and/or graphs will be counted towards the maximum page limit noted above
- Front and back covers, cover letter, Table of Contents pages, and divider (tab) pages will NOT be counted toward the maximum page limit noted above, unless they include evaluation criteria and additional content that could be considered by the selection panel

Note: All pages exceeding the specified maximum page limit will be removed from the submittal and not considered in evaluating a submitted SOQ.

GROUNDS FOR DISQUALIFICATION:
Please be advised that the following will be grounds for disqualification, and will be strictly enforced:
- Receipt of submittal after the specified cut-off date and time.
- Too few copies of the submittal.
- Deposit of submittal in the wrong location.
- Violating the “Contact with City Employees” policy contained in this RFQ.

SECTION VI - SELECTION PROCESS AND SCHEDULE

The successful firm will be selected through a qualifications based selection process. Interested firms will submit a Statement of Qualifications (SOQ). A Selection Panel evaluate each SOQ according to the criteria set forth in Section V above. The City will select a firm based on the
SOQs received; no formal interviews will be conducted. The City may conduct a due diligence review of firms receiving the highest evaluations.

The City expects to create a final list of at least three, but not more than five firms for this project. The City will enter into negotiations with the selected firm and execute a contract upon completion of negotiation of fees and contract terms for City Council approval.

The following tentative schedule has been prepared for this project:

- Pre-submittal meeting: March 16, 2017
- SOQs due: March 30, 2017
- Selection Notification: Late April, 2017

If the City is unsuccessful in negotiating a contract with the best-qualified team, the City may then negotiate with the next most qualified team until a contract is executed, or the City may decide to terminate the selection process. Once a contract is executed with the successful team, the procurement is complete.

The Firm selected for this project will be notified directly by the City. Notification to all other firms on the status of a selection on this project will be posted on the City of Phoenix Street Transportation Department’s “Preliminary Bid Results and Recent Awards” website:


SECTION VII – GENERAL INFORMATION

Citywide Capital Improvement Projects. Consulting and contractor services supporting the City’s Capital Improvement Projects are procured under the authority of the City Engineer, currently located within the Street Transportation Department (STR). Design and Construction Procurement coordinates the citywide consulting and construction contracting procurement processes.

Planholder Lists. All firms who download the Request for Qualifications packet for this project from the “Current Opportunities” webpage will be listed on the project’s Planholder List. This report is available within the project folder. The website address is:

http://phoenix.gov/streets/procurement/current-opportunities

Firms receiving a copy of the Request for Qualifications (RFQ) through any other means must download the RFQ from the City webpage and register as a planholder for the project.

Changes to Request for Qualifications. Any changes to this Request for Qualifications will be in the form of a Notification Letter. The City of Phoenix shall not be held responsible for any oral instructions. Notification Letters are available within the project folder. The address is:

http://phoenix.gov/streets/procurement/current-opportunities

It shall be the responsibility of the registered RFQ holder to determine, prior to the submittal of the Statement of Qualifications, if Notification Letters have been issued. Registered RFQ holders may refer to the webpage or call the Contract Specialist (listed below) in order to ascertain if Notification Letters have been issued for this project.

Alternate Format. For more information or a copy of this publication in an alternate format, contact the Contract Specialist (listed below) - Voice or 602-256-4286 – TTY. Requests will only be honored if made within the first week of the advertising period.
Release of Project Information. The City shall provide the release of all public information concerning the project, including selection announcements and contract awards. Those desiring to release information to the public must receive prior written approval from the City.

City Rights. The City of Phoenix reserves the right to reject any or all Statements of Qualifications, to waive any informality or irregularity in any Statement of Qualifications received, and to be the sole judge of the merits of the respective Statements of Qualifications received.

Contact with City Employees. Beginning on the date the RFQ is issued and until the date the contract is awarded or the RFQ withdrawn, all persons or entities that respond to the RFQ, including their authorized employees, agents, representatives, proposed partner(s), subcontractor(s), joint venture(s), member(s), or any of their lobbyists or attorneys (collectively the Proposer), will refrain from any direct or indirect contact with any person (other than the designated Contract Specialist) who may play a part in the selection process, including members of the evaluation panel, the City Manager, Assistant City Manager, Deputy City Managers, Department heads, the Mayor and other members of the Phoenix City Council. As long as the RFQ solicitation is not discussed, Proposers may continue to conduct business with the City and discuss business that is unrelated to this RFQ solicitation with City staff.

Proposers may discuss their proposal or the RFQ solicitation with the Mayor or one or more members of the Phoenix City Council, provided such meetings are scheduled through the Contract Specialist (listed below), conducted in person at 200 West Washington, Phoenix, Arizona 85003, and are posted as open meetings with the City Clerk at least twenty-four (24) hours prior to the scheduled meetings. The City Clerk will be responsible for posting the meetings. The posted notice shall identify the participants and the subject matter, as well as invite the public to participate.

This policy is intended to create a level playing field for all Proposers, assure that contracts are awarded in public, and protect the integrity of the selection process. OFFERORS THAT VIOLATE THIS POLICY WILL BE DISQUALIFIED.

Conflict of Interest. The City reserves the right to disqualify any Proposer on the basis of any real or apparent conflict of interest that is disclosed by the proposal submitted or any other data available to the City. This disqualification is at the sole discretion of the City. Any Proposer submitting a proposal herein waves any right to object now or at any future time, before any body or agency, including but not limited to, the City Council of the City of Phoenix or any court.

Data Confidentiality. Except as specifically provided in the Contract, the Consultant or its subconsultants shall not divulge data to any third party without prior written consent of the City.

Legal Worker Requirements. The City of Phoenix is prohibited by A.R.S. § 41-4401 from awarding a contract to any firm who fails, or whose subconsultants fail, to comply with A.R.S. § 23-214(A). The firm and each subconsultant shall comply with all federal immigration laws and regulations related to their employees and compliance with the stated law. The City of Phoenix retains the legal right to inspect the papers of any firm or subconsultant employee who is awarded a contract to ensure that the firm or subconsultant is complying with the law.

Lawful Presence Requirement. Pursuant to A.R.S. §§ 1-501 and 1-502, the City of Phoenix is prohibited from awarding a contract to any natural person who cannot establish that such person is lawfully present in the United States. To establish lawful presence, a person must produce qualifying identification and sign a City-provided affidavit affirming that the identification provided is genuine. This requirement will be imposed at the time of contract award. This requirement does not apply to business organizations such as corporations, partnerships or limited liability companies.
No Israel Boycott. By entering into this contract, the Engineer/Contractor certifies that they are not currently engaged in, and agrees for the duration of the Contract to not engage in, a boycott of Israel.

Worker Background Screening. Worker Background Screening. Consultant and its subconsultants awarded a contract for this project shall perform Background Screening for all employees providing services for the project. The Background Screening provided by Consultant and subconsultants shall comply with A.R.S. § 41-4401, and all applicable laws, rules and regulations. In addition to the Background Screening performed by the Consultant and subconsultants, the City reserves the right to require the Consultant and subconsultants provide fingerprints and execute other documentation as necessary to obtain criminal justice information pursuant to A.R.S. § 41-1750(G)(4) or Phoenix City Code § 4-22.

Badge Access Requirements. The Consultant and subconsultants shall not be allowed to begin work in a City facility without prior completion and City’s acceptance of the required background screening; and when required, the Consultant’s and subconsultant’s receipt of and payment for a City issued badge.

Protest Procedures. Firms wishing to respond to disqualification or a procurement outcome may refer to The Code of the City of Phoenix Chapter 2, Article XII, Section 2-188 which governs protest procedures utilized throughout the selection process. The procedures may be reviewed through the City of Phoenix website at:

http://www.codepublishing.com/az/phoenix/

Questions. Questions pertaining to this selection process or contract issues should be directed to the Contract Specialist, Ellen Pimental at (602) 542-1423 or by email at ellen.pimental@phoenix.gov.