

REQUEST FOR PROPOSAL FOR HYDROGEOLOGICAL SERVICES

**Proposed Wells
City of Odessa, Missouri
Lafayette County, Missouri**

I. Scope.

The City of Odessa (City) is seeking proposals for Hydrogeological Services related to the City Water Treatment Plant's supply wells. Lafayette County was named in a federal disaster declaration in July 2019 due to severe flooding along the Missouri River. The flooding has caused the City to evaluate water source options as its wells are located northwest of Wellington, MO directly alongside the Missouri River. The two water supply wells operate one at a time to supply the City's water treatment system. During flooding, well accessibility and reliability becomes a major concern; a disruption to the wells' ability to pump water to the Water Treatment Plant has serious implications.

The City requests proposals for Hydrogeological Services to evaluate potential alternate well locations near the current wellfield, but in areas more accessible during major river flooding and which are resilient during major flooding events. The City intends to construct two new wells if the water supply is adequate in desired locations. It is expected that each well will produce at least 1,000 gpm (operating one at a time) to meet peak demand. The wells would be constructed near the community of Wellington, Missouri for the City of Odessa and connected to existing transmission waterlines.

The following paragraphs constitute the expectation for preparation of the Proposal and how it will be evaluated. It should be noted that the hydrogeological professional shall be responsible for completing a full preliminary investigation of all available information necessary, including site visit. The points ranking system will be used to help determine the Proposal selected by the City.

II. Proposal points ranking system. Points will be awarded and graded by the City relative to criteria listed below:

1. Provide list of personnel and qualification to complete study; Hydrogeologist will be registered in the State of Missouri. (10)
2. Provide list of equipment to be used to complete the study. (10)
3. Proximity to and familiarity of the vicinity. (10)
4. Provide listing of past experience with completion of hydrogeological studies and successful well construction of similar type of unconsolidated formations. (10)
5. Provide list of references for experience, with contacts and names. (10)
6. Fee schedule shall be included in proposal (10)
 - A. Fee schedule shall provide billing structure, unit cost for each employee classification and costs for other expenses expected on this project. (2)
 - B. Fee/Payment schedule shall provide cost for each step/phase of proposal submitted. (2)
 - C. Expected total costs for each part/phase of study (2)
 - D. Provide total expected cost for study, including number of anticipated test wells and cost per test well (4)

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7. Expected Time for commencement following notice of award. (10)
8. Expected time for completion of study. (10)
9. Provide list of any work or man-hours you request the City to provide to complete the study. (10)
10. Prepare the hydrogeological sections of the Proposal according to the following guide. (10)

III. Basic guide for Hydrogeological Study.

1. Test well construction
2. Installation of piezometers as necessary
3. Test pump for 7 days including piezometer monitoring or until stabilized
4. Engineering analysis
 - A. Expected yield
 - B. Water quality testing
 - C. Report preparation
 1. Basic design criteria for the proposed well
 2. Well casing size and depth
 3. Screen slot size and height
 4. Any other recommendations
 - D. Report Submission
 1. One copy to Engineer
 2. Two copies to City
 - E. Presentation to Council
 1. Presentation at Regular Council meeting
 2. Discussion with City Council to answer questions

Please send one copy of the proposal each to:

- City of Odessa
125 S. 2nd Street, Odessa, Missouri 64076; Attention: Nici Wilson.
- Allstate Consultants LLC
P.O. Box 156, Marceline, Missouri 64658; Attention: Cary Sayre, PE.

IV. Due date: Proposals must be delivered to Nici Wilson by 5:00 pm March 5, 2020. The City will hold proposals for up to 30 days, after which Hydrogeologists will be contacted for interviews or for any missing information. No less than 15 days after final interviews, the Owner will contact all Hydrogeologists when a selection has been made. The Owner will contact the successful Hydrogeologists to schedule a conference to settle the Terms of AGREEMENT, using the form following this REQUEST FOR PROPOSAL.

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If you have any questions or need additional information, you may contact Cary Sayre at (660) 376-2941.

Sincerely,

Nici Wilson

City Administrator

Cc: Cary Sayre

Enclosure (1) Negotiated Form of AGREEMENT for Hydrogeological Service