

City of New Haven

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February 12, 2014

Request for Proposals Levee Accreditation Engineering Services City of New Haven, Missouri

The City of New Haven, Missouri is requesting proposals from qualified engineering firms to assist the City with meeting federal levee accreditation requirements under 44 CFR 65.10. The selected engineering firm will be tasked with providing engineering evaluations and analyses that demonstrate compliance with federal requirements for levee embankment protection, embankment foundation and stability, settlement, interior drainage, and other items. The selected firm will also assist the City in evaluating options for meeting the federal freeboard requirement, which would require raising the levee elevation by approximately three feet.

Background

The City levee is a federal levee constructed by the United States Army Corps of Engineers (USACE) in 1954. The City owns the levee and operates and maintains it under the jurisdiction of the USACE. The levee has withstood the historic Missouri River floods of 1993 and '95 and has never been breached.

The City and Federal Emergency Management Agency (FEMA) in 2009 entered into a Provisionally Accredited Levee agreement. That agreement expired in 2011, and the levee is currently considered unaccredited. FEMA this year is initiating a new flood-risk mapping procedure for the New Haven levee, which is expected to result in a new flood risk designation for the levee protected area. FEMA's new mapping procedures are referred to as LAMP (Levee Analysis Mapping Procedures) and can be found online at <http://www.fema.gov/final-levee-analysis-and-mapping-approach#FinalLevee>.

The City intends to pursue, at minimum, a "freeboard deficient" classification under LAMP, which would lead to a Zone D flood-risk designation. Meeting the engineering accreditation requirements of 44 CFR 65.10 is necessary for the City to achieve this "freeboard deficient" classification. The City also intends to evaluate the options for raising the levee elevation an additional three feet, thereby achieving full accreditation and maintaining the current Zone X rating for the levee protected area.

Scope of Work

The Scope of Work can be found in the text of 44 CFR 65.10, which is included with this request. Specifically the City is requesting an engineering package to meet the requirements of 44 CFR 65.10(b)(2)through(7). These sections deal with closures, embankment protection, embankment and foundation stability, settlement, interior drainage, and other design criteria. The final package certifying compliance with these sections must be certified by a registered professional engineer.

The levee is approximately 2,230 linear feet in length and includes six drainage structures and one pumping plant (sanitary lift station). Copies of the original As-Built plans are included with this request and are also available on the City website, www.newhavenmo.org. A sidewalk and two sets of steps was constructed on top of the levee in 2000. Apart from these and other minor changes, the levee structure has not been significantly altered since its original construction. The levee has been subject to (at minimum) annual inspections by USACE personnel.

The City will provide copies of USACE inspection records, operation and maintenance records and manuals, and other public records as may be available. The City expects to provide the operations plans and other documentation required under 44 CFR 65.10 by utilizing existing records and City staff. Copies of the USACE As-Built plans are available at www.newhavenmo.org. The selected firm is expected to coordinate its work with City staff and representatives of FEMA, its contractors, USACE, and representatives of other agencies as may be required.

Content of proposal

Interested firms are asked to submit a fee proposal to perform the work described in 44 CFR 65.10(b)(2) through (7). The proposal shall not be considered a firm bid but shall be the basis of a negotiated contract with the selected firm. The proposal does not need to include costs for services performed outside the scope of 44 CFR 65.10(b)(2) through (7); these services if requested by the City will be negotiated separately.

Firms shall submit a statement of qualifications relevant to this type of project. Firms that have experience performing accreditations under 44 CFR 65.10 will be given preference and are encouraged to submit detailed information regarding such work.

Firms are also encouraged to submit a detailed scope of work, anticipated project schedule, and other information that may be helpful to the City in evaluating the firm's proposal.

Proposals shall be submitted no later than 2 p.m. March 6, 2014. The content of all proposals will be made publicly available immediately following this date and time. Proposals may be delivered to the Office of City Administrator, 101 Front Street, PO Box 236, New Haven, MO 63068. Electronic submittals are welcome and should be sent by email to Steve Roth, City Administrator, steve.roth@newhavenmo.org.

Proposals will be forwarded to the Board of Aldermen for consideration at the March 10, 2014 meeting. The City reserves the right to reject any and all proposals, to waive informalities and technicalities, and to negotiate directly with any respondent.

More information

More information on the New Haven levee is available on the City website, www.newhavenmo.org and at City Hall, 101 Front Street, New Haven, MO 63068. If you have questions, please contact Steve Roth, City Administrator, 573-237-2349 or steve.roth@newhavenmo.org.

Thank you for your interest in our project.