

Project Description:

Klingner & Associates, P.C. submitted a proposal to perform Levee Accreditation Engineering Services to the City of New Haven, Missouri on March 6, 2014. Following the submittal of that proposal, it was determined that the City's levee does not have available geotechnical data capable of being used to satisfy the FEMA 44CFR 65.10 requirements for Embankment & Foundation Stability nor Settlement. Therefore, the City requested that Klingner & Associates, P.C. provide an Addendum to that Original Proposal to perform a Geotechnical Investigation of the levee system that would produce the necessary data to perform the analyses required by FEMA. This proposal is Addendum No. 1 to the March 6, 2014 submittal.

Project Location:

The project site is located in New Haven, Franklin County, Missouri on the Missouri River between river miles 81.4 and 81.7.

Scope of Services:

1. Data Collection – Geotechnics (a division of Klingner & Associates, P.C.) will travel to New Haven, Missouri to collect geotechnical data from the New Haven Levee. The data collected will include six (6) geotechnical borings and gradations of the levee materials.
2. Data Analysis/Report – Upon completion of the data collection on the New Haven Levee, data processing and documentation will take place to produce boring logs and gradation records. These documents will then be utilized in the Embankment & Foundation Stability and Settlement sections of the March 6, 2014 proposal.

Information to be provided to Klingner & Associates, P.C. by Others:

1. Site Access by Owner
2. Any existing geotechnical data

**Addendum No. 1 to March 6, 2014
Scope of Services**

**Project: New Haven, MO
Levee Accreditation
Geotechnical Services**

***Permits:**

1. No permit fees are anticipated for this project.

**All permit Fees to be paid by the Client or invoiced as reimbursable.*

The following are estimated fees:

March 6, 2014 Proposal	\$45,600.00 (Opinion of Probable Cost)
Addendum No. 1 Geotechnical Data Collection/Documentation ...	\$16,560.00 (Lump Sum)
Total	\$62,160.00 *

**Estimated fees are based on initial preparation and submittal. Additional submittals and follow ups may require additional time and fees.*

Other available services that can be provided upon mutually agreed upon scope of services and budget:

- Levee improvement design and permitting.
- Surveying (i.e. levee survey and/or Right-of-Way survey)
- Construction and Bidding Documents.
- Environmental services including wetland delineation or endangered species surveys/consultation.
- Archeological and related surveys.
- Coordination and representation on any permit issues.
- Construction Administration.
- Construction Testing.
- Onsite construction meetings and observations.
- As-built plans from redlines provided.

All work will be done in accordance with Klingner & Associates, P.C. General Terms and Conditions.