



City Commission Agenda Item

Meeting Date: March 21st, 2023
From: Nick Rizzio, Municipal Project Manager
Item: Levee Certification Project #1049

Purpose: A Resolution authorizing the City of Arkansas City to enter into a contract with JEO Consulting Group, Inc. to begin Levee Certification Phase 1, for an amount not to exceed 56,910.00. **(Voice Vote)**

Background:

As part of floodplain re-mapping efforts for the Walnut Watershed and Cowley County, Kansas, the Kansas Department of Agriculture (KDA), Division of Water Resources Floodplain Management section, and the Federal Emergency Management Agency (FEMA) have identified levees that are shown as providing 100-year flood protection on the Flood Insurance Rate Map (FIRM) for the adjacent community, including Arkansas City. For some levees, it is unknown if they meet the criteria as specified in Title 44 Code of Federal regulations (CFR) 65.10 for the purposes of continuing to be shown as providing 100-year flood protection on the updated floodplain maps for a community. As KDA and FEMA goes through the process of re-mapping or modernizing FIRM's nationwide, they are requesting documentation that these criteria are met so that they may continue to map the subject levee as providing 100-year flood protection.

Phase 1: Preliminary Evaluation for Feasibility of Levee Accreditation (Reconnaissance Evaluation) (Subject of this Contract).

Potential Future Phases (to be completed later):

Phase 2: Detailed Evaluation for Feasibility of Levee Accreditation (Scope items informed by Phase 1)

Phase 3: Levee Modification Design and Construction (If necessary)

Phase 4: Levee Accreditation Submittal to FEMA (Partial or full certification dependent upon prior Phase findings)

- O&M Manual Revisions and Submittal to the USACE
- Emergency Preparedness Plan (EPP) Development and Submittal to the USACE
- Certified Data Tabbed Submission Development and Submittal to FEMA

The City of Arkansas City, Kansas (City) is the sponsor of the approximately 9.22-mile-long levee system that was primarily constructed by the U. S. Army Corps of Engineers (USACE) in phases between October 1997 and summer 2006, with a segment completed by the Kansas Department of Transportation (KDOT) in 1998. As the flood hazard mapping project progresses, the City will need to develop and provide certified levee data to FEMA.

Commission Options:

1. Approve the Resolution.
2. Disapprove the Resolution.
3. Table the Resolution for further discussion.

Fiscal Impact:

Amount: \$56,910.00

Fund: Department: Expense Code: 15, 544, 6212

☒ Included in budget ☐ Grant ☐ Bonds ☐ Other Not Budgeted

Approved for Agenda by:

A handwritten signature in black ink, appearing to read 'Randy Frazer', is written over a horizontal line.

Randy Frazer, City Manager