



Agenda Item # 19
Date 1/10/24

**AMENDMENT #1 TO AGREEMENT
DODGE COUNTY, NE – DEVELOPMENT OF AN APPLICATION-READY
MITIGATION PROJECT IN WEST FREMONT
JEO PROJECT NO. 201901.00**

REFERENCE:

Professional Services/Consultant Agreement effective September 12, 2022.

PROJECT DESCRIPTION

In September 2022, Dodge County and JEO Consulting Group entered into an agreement for the Development of an Application-Ready Mitigation Project in West Fremont. This agreement included a two-phase scope of work, a summary of which is below.

Phase 1 – Evaluation and Project Screening

- Step 1: Project Kick-Off & Data Gathering
- Step 2: Stakeholder Engagement (Evaluation Phase)
- Step 3: Hydrologic and Hydraulic Analysis
- Step 4: Alternative Identification
- Step 5: Project Screening and Preliminary BCA
- Step 6: Selection of Preferred Alternatives and Final Study Phase Deliverables
- Step 7: Initial Review with NEMA/FEMA

Phase 2 – Design and Grant Application (To be reviewed upon completion of Phase 1)

- Step 8: Design Advancement of Preferred Alternative(s)
- Step 9: Final Grant Application

Due to the unknowns regarding the eventual recommendations from Phase 1 a preliminary scope of work for Phase 2 was included, but it was anticipated that a more detailed scope of work would be provided once decisions on the preferred alternative were made by the County, City of Fremont and Lower Platte North NRD. The purpose of this amendment is to define in detail the scope of Phase 2 efforts.

During the completion of Phase 1, several alternatives were developed and screened. Upon review the project, stakeholders have selected the design and development of a nonstructural mitigation program including stakeholder outreach and floodplain management ordinance revisions as the preferred alternative. Additional structural alternatives will be discussed in the final deliverable for the project and can be advanced at a later time depending on community interest and availability of funding.



With this amendment, Phase 2 will be revised to include the following general tasks. Additional detail of these tasks is included in the detailed scope of work.

STEP 8 DESIGN ADVANCEMENT OF PREFERRED ALTERNATIVE(S)

- Nonstructural Mitigation Pilot Project and Administrative Framework
- Evaluate Floodplain Management Ordinances
- Stakeholder and Community Engagement
 - a. City Council Working Session
 - b. Community/Public Engagement and Education
 - c. Stakeholder Outreach Supporting Nonstructural Pilot Project

STEP 9 FINAL GRANT APPLICATION

- Prepare FY24 NOI/Application documents for implementation of the Nonstructural Mitigation Program Framework

AMENDMENT SCOPE OF WORK

Phase 2 – Development of Nonstructural Mitigation Program Framework

STEP 8 DESIGN ADVANCEMENT OF PREFERRED ALTERNATIVES(S)

NONSTRUCTURAL MITIGATION PILOT PROJECT AND ADMINISTRATIVE FRAMEWORK

- Establish a technical evaluation and administrative program framework approach for a pilot project area consisting of approximately 10 buildings.
 - Develop detailed recommendations, technical and administrative program framework for the pilot project area based on the high-risk reduction potential techniques identified in Phase 1. Leverage Phase 1 conceptual recommendations for one of the identified potential pilot project area as identified below to support recommendation development strategy.
 - Pilot project regions will be based on both the Phase 1 risk assessment and feedback developed through the stakeholder and property owner outreach process. The selected region will focus on a group of existing high-risk buildings coordinated with local officials and property owners interested in mitigation and willing to allow a more in-depth assessment of the identified properties. It is anticipated that a total of 10 buildings will be selected in the following areas. Based on the conceptual risk assessment and field work developed through Phase 1, initial options include but are not necessarily limited to one of the following regions:
 - Buildings along Big Island Road north and west of Wildwood Park.



- Buildings located south of Big Island Road, west of South Ridge Road, and along Ridgeland Avenue south and west of Wildwood Park.
- Buildings located along the legacy Platte River flow path from Fremont Lake to Rainbow Lake.
- Identify and develop a cost-effective mitigation action strategy based on the likely highest benefit for lowest cost mitigation actions for the pilot project area for up to 10 buildings. The primary focus for mitigation actions is anticipated to be:
 - Retrofitting
 - Utilities Mitigation including but not necessarily limited to septic systems, propane tanks, electrical systems (meters), and HVAC equipment
 - Targeted acquisition
 - Other approaches as relevant to specific buildings/regions of buildings
- City/County/DNR/NEMA/FEMA coordination to provide concurrence and support to a comprehensive mitigation program.

EVALUATE FLOODPLAIN MANAGEMENT ORDINANCES

- Review existing ordinance and identify opportunities for modification and enhancement.
- Meet with City staff and leadership to determine the need for enhanced ordinance, benefits, and implementation approach.
- Recommend changes or additions of new requirements for floodplain management and to promote effective flood risk reduction for existing and future development.
 - Develop mapping of high-risk areas on the Platte River floodplain to support development of enhanced ordinance revision areas and to identify where revisions should be applied.
- Provide technical support implementation of ordinance revisions, if applicable.

STAKEHOLDER AND COMMUNITY ENGAGEMENT

- Meetings with public agency stakeholders and City officials. Develop a core nonstructural mitigation program development and implementation team for ongoing coordination.
 - City officials outreach regarding nonstructural techniques and administrative nonstructural program approach.
- Property owner and developer outreach regarding nonstructural mitigation techniques, opportunities, and building/property access needs for further assessment.
- Incorporate outreach feedback into nonstructural pilot program and ordinance revision approach.
- Website review and recommendations to improve nonstructural program outreach and coordination to reduce existing flood risk and support future lower risk development.



STEP 9 FINAL GRANT APPLICATION

FY24 APPLICATION DOCUMENTS

- Identify grant funding opportunity areas based on final recommendations from the nonstructural implementation pilot program.
- Develop a benefit cost analysis (BCA) and grant application for pilot nonstructural mitigation program buildings, as applicable.
- It is assumed that the FY24 Grant Application will not include a structural alternative at this time.

ADDITIONAL SERVICES NOT INCLUDED

- Design advancement for the Fremont Farmland Levee or any other structural alternative
- Additional meetings

AMENDMENT FEE

The fee for Task 8 and 9 will be revised as indicated below.

	Original Task Amount	Modifications with this Amendment	Final Task Amount
Task 8 - Design Advancement of Preferred Alternatives	\$ 33,200.00	\$ 54,300.00	\$ 87,500.00
Task 9 - Final Grant Application	\$ 23,200.00	\$ (10,700.00)	\$ 12,500.00
Total Modification with this Amendment		\$ 43,600.00	
Original Contract (September 2022)		\$ 205,990.00	
Amendment #1 - This Amendment		\$ 43,600.00	
Total Amended Fee		\$ 249,590.00	



Owner will be billed monthly for services to date. Invoices are due upon receipt. JEO will provide additional services at your request based on current hourly rate schedule.

Bob Missel
Dodge County Board of Supervisors

Date: _____



Kevin Kruse, PE
Senior Project Manager
Water Resources Department
JEO Consulting Group, Inc.

Date: 12/28/2023