

City Council Agenda Memo

From: Charles Richter, City Engineer

Council Meeting: November 9, 2021

Subject: Resolution 21-094: Approval of a Professional Services Agreement Between the City of Brookings, South Dakota and RESPEC Company, LLC for the Six-Mile Creek Feasibility Project.

Person(s) Responsible: Charles Richter, City Engineer

Summary:

This Resolution authorizes the City Manager to sign documents for a Professional Services Agreement Between the City of Brookings, SD, and RESPEC Company, LLC for the Six-Mile Creek Feasibility Project.

Background:

The City experiences substantial flooding during large storm events in areas adjacent to Six-Mile Creek. In 2019, the City applied for a Hazard Mitigation Grant from FEMA to study the Six-Mile Creek watershed and to develop mitigative options for properties in the area.

Item Details:

In June 2021, the City of Brookings was awarded a Federal Emergency Management Agency (FEMA) Grant to conduct a Flood Mitigation Study of a part of Six-Mile Creek for a total project cost of \$99,750. This study will review and revise the existing hydraulic model for the Six-Mile Creek watershed. From this revised hydraulic modeling, the study will develop mitigative alternatives to address the flooding from this creek.

After the grant award, the City received a proposal from RESPEC, LLC located in Rapid City, SD to perform the feasibility project for the grant amount. RESPEC is well regarded for their hydraulic modeling and performed a large study of the Big Sioux River for the DANR in 2018 that modeled the flood inundation during a range of climatic events. As part of the proposed project, RESPEC is planning to utilize the services of Banner Associates as a sub-consultant for a fee of \$22,430.

Legal Consideration:

Due to their extensive experience with this watershed, staff is requesting that the City forgo the Request for Proposal process outlined in Resolution 182-12 for professional service contracts estimated in excess of \$75,000 and utilize RESPEC for this project.

Strategic Plan Consideration:

Sustainability – the project will allow for the study of Six-Mile Creek and develop sustainable, mitigative strategies for the future.

Service and Innovation Excellence – the project will allow for the City to analyze the area and develop innovative and best practice mitigative strategies for implementation.

Financial Consideration:

The fee proposal of \$99,750 aligns with the grant award from FEMA. Of the total project cost, there is a 10% City match required which will be paid from the Storm Drainage fund.

Options and Recommendation:

The City Council has the following options:

1. Approve as presented
2. Amend
3. Deny
4. Move the item to a work session
5. Do nothing

Staff recommends approval of the resolution as presented.

Supporting Documentation:

Resolution

Scope and Fee Proposal from RESPEC