

COUNCIL ACTION FORM

SUBJECT: FLOOD MITIGATION – RIVER FLOODING PROFESSIONAL SERVICES AGREEMENT AMENDMENT NO. 2

BACKGROUND:

Following the floods of 2010, a comprehensive Flood Mitigation Study was completed that considered many possible mitigation alternatives. City Council approved a series of flood mitigation measures, including:

- A. Undertaking a stream bank restoration of Squaw Creek;
- B. Working with IDOT to improve the conveyance capacity of the US 30 bridge;
- C. Working through the Squaw Creek Watershed Management Authority to pursue flood mitigation alternatives in the upper reaches of the watershed; and
- D. Conducting a workshop to review and discuss the range of possible floodplain regulatory approaches.

On October 27, 2015, City Council approved a professional services contract with WHKS & Co. of Ames, Iowa to design the flood mitigation and conveyance project (Measure A, above) and to aid in the FEMA grant application process in an amount not to exceed \$138,000. Important outreach/property owner input providing design clarity were gained, including the need for significant structural retaining walls along Squaw Creek in order to keep two developments viable (Red Lobster and Carney property). The original FEMA grant application was then submitted, but rejected from being funded.

On October 23, 2018 City Council approved PSA Amendment No. 1 in the amount of \$76,000 to include design of the structural retaining walls, respective geotechnical engineering services, and additional assistance in preparing to submit another grant application under the second round of FEMA funding. This time, the City was successful and received \$3,747,450 in FEMA funding.

On February 11, 2020 Ames City Council approved the FEMA grant funding agreement for this project. The cost share amounts for this grant are as follows:

Funding Source	Funding Amount	% of Cost
Federal:	\$ 3,747,450.00	75%
Local:	\$ 1,249,150.00	25%
Total:	\$ 4,996,600.00	100%

Now that the federal grant has been secured, additional services have been identified for a second amendment to the professional services contract with WHKS. These services include additional project management and meetings, land acquisition assistance, field reconnaissance and easement preparation, topographic survey and research of existing conditions for site plans, and preliminary and final site design for those partially impacted by the project.

ALTERNATIVES:

1. Approve the engineering services agreement amendment 2 for the Flood Mitigation – River Flooding with WHKS & Co. of Ames, Iowa, for an additional amount not to exceed \$105,200 (total contract not to exceed \$319,200 or 6% of the project estimated cost).
2. Direct staff to re-negotiate engineering services contract amendment.

MANAGER’S RECOMMENDED ACTION:

In order to move ahead with one of the community’s priority projects and utilize the awarded FEMA funding, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as noted above.