



TOWN OF ERIE

645 Holbrook Street
Erie, CO 80516

Town Council

Board Meeting Date: 1/28/2020

File #: 20-015, Version: 1

SUBJECT: GENERAL BUSINESS

A Resolution of the Board Of Trustees of the Town of Erie Approving an Agreement for Professional Services With Jacobs Engineering Group, Inc. for Flood Insurance Rate Map Review for Boulder Creek in an amount not to exceed \$100,000.

DEPARTMENT: Public Works

PRESENTER/PREPARER: Todd Fessenden, Public Works Director
Wendi Palmer, Civil Engineer

FISCAL INFORMATION:

Cost as Recommended: \$100,000

Split Funding 50% \$ 50,000

Balance Available: \$ 63,500

Fund: General Fund

Budget Line Item Number: 100-70-110-560100-000000

Split Funding 50% \$ 50,000

Balance Available: \$ 51,100

Fund: Water Fund

Budget Line Item Number: 500-70-110-560100-000000

New Appropriation Required: Yes, \$100,000 will need to be appropriated so previously planned use of these Budget Lines are not limited.

STAFF RECOMMENDATION:

Approve the Resolution to approve said agreement, authorizing the appropriate Town officer to execute said agreement, and authorize staff to expend funds.

SUMMARY AND BACKGROUND OF SUBJECT MATTER:

On September 30, 2019 FEMA issued Preliminary Flood Insurance Study (FIS) and Flood Insurance Rate Maps (FIRM) for Boulder County, primarily for map changes to Boulder Creek. FEMA held a Consultation Coordination Officer (CCO) meeting for local municipalities that are effected by the new study and maps. At this meeting it was discussed that the new study and maps would be issued early March. At that time any appeals to the new maps must be made within a 90-day appeals period. Appeals must be based on a technical review and analysis.

Town Staff met to review the maps and we have concerns. Typically a detailed study will create a flood hazard zone and within the flood hazard zone a more restrictive regulatory floodway is often defined. The section of Boulder Creek southwest of Kenosha Road and 115th Street is shown with the standard flood hazard zone and a narrower regulatory floodway while northeast of this location the majority of the flood hazard zone is identified as a regulatory floodway. The new mapping for Boulder Creek extends east of County Line Road, beyond the Town's Water Reclamation Facility.

Although the Water Reclamation Facility building is outside of the flood hazard zone, the property surrounding the buildings is shown in the regulatory floodway. The Town is currently exploring options for utilizing the surrounding area for potential water treatment from a new well supply and/or utilizing future NISP water. With the Town's property impacted by being in a regulatory floodway, it could hamper permitting in the future.

The Town is also looking at potential trail corridors within the Regulated Floodway and have concerns that trail construction could be impacted.

Preliminary FIRM number 08013C0429K which is attached, shows how Boulder Creek is shown with the standard floodway west of 115th Street and the much wider floodway to the east. There are three maps for Boulder Creek that impact Erie, or Erie's planning area, all three maps are attached.

Due to staff's concerns and the need for a technical justification for an appeal, staff posted a Request for Qualifications on the Town website on November 27, 2019 and two qualifications were received on December 19, 2019.

Staff reviewed the qualifications from the two submittals, and Jacobs was selected due to their local experience and excellent references.

Staff worked with Jacobs on the exact scope needed to submit a technical appeal within the time required.

Jacobs' fee for the project is \$100,000.

ATTACHMENTS:

- a. Resolution
- b. Professional Services Agreement
- c. Preliminary FIRM 08013C0429K
- d. Preliminary FIRM 08013C0431K
- e. Preliminary FIRM 08013C0433K