

ITEM #: 31
DATE: 02-27-24
DEPT: PW

COUNCIL ACTION FORM

SUBJECT: 2021/22 STORMWATER EROSION CONTROL (BLOOMINGTON WATERWAY)

BACKGROUND:

This annual program provides for stabilization of areas that have become eroded in streams, channels, swales, gullies, or drainage ways that are part of the stormwater system. This program provides a more permanent control of the erosion and will reduce recurring maintenance costs in these areas.

The location for this project is Bloomington Waterway from Hyde Avenue to Harrison Road . The waterway has continued to erode toward adjacent townhomes with sediment and nutrients flowing east into Ada Hayden Heritage Park wetlands. This project involves stabilization and relocation of a portion of the waterway to protect adjacent townhomes and prevent migration of nutrients and sediment into the wetlands.

The bid package included two add alternate bid options for bank stabilization. Alternate A is for Flexamat Flow Transition Mat, which is an interlocking "blanket" of concrete blocks. Alternate B is for Rip Rap, Class E, which is large limestone. Flexamat is typically more expensive than limestone, but provides a cleaner look and higher level of protection.

On February 21, 2024 bids for the project were received as follows:

Bidder	Base Bid + Alternate A	Base Bid + Alternate B
<i>Engineer's Estimate</i>	\$ 281,810.00	\$ 271,910.00
Con-Struct Inc	\$ 206,340.00	\$ 186,540.00
Nagel Construction LLC	\$ 257,192.50	\$ 235,192.50

Available revenue will allow for awarding the base bid along with Alternate A. Revenues and expenses associated with this program are estimated as follows:

	Revenue	Expenses
Stormwater Erosion Control Program (Stormwater Utility Fund)	\$ 250,000	
Stormwater Quality Improvements (Stormwater Utility Fund)	\$ 100,000	
Construction		\$ 206,340
Engineering/Administration (Est.)		\$ 70,000
Total	\$ 350,000	\$ 276,340

ALTERNATIVES:

- 1.a. Accept the report of bids for the 2022/23 Storm Water Erosion Control (Bloomington Waterway) project.
 - b. Approve the final plans and specifications for this project.
 - c. Award the 2022/23 Storm Water Erosion Control (Bloomington Waterway) project to Con-Struct, Inc. of Ames, Iowa, Base Bid and Alternate A in the amount of \$206,340
2. Award the contract to the other bidder.

CITY MANAGER'S RECOMMENDED ACTION:

By approving final plans and specifications and awarding the contract, this project will provide stabilization of the waterway to protect adjacent townhomes and prevent migration of nutrients and sediment into the Ada Hayden wetlands. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as noted above.

ATTACHMENT(S):

[Bloomington Waterway Key Map.png](#)