



Recommendation for Action

File #: 21-3057, **Agenda Item #:** 26.

10/14/2021

Posting Language

Authorize award and execution of a construction contract with Matous Construction, Ltd., for the Waller Creek Inlet Facility Catenary Screen Pilot project in the amount of \$1,970,000 plus a \$197,000 contingency, for a total contract amount not to exceed \$2,167,000.

[Note: This contract will be awarded in compliance with City Code Chapter 2-9A (Minority Owned and Women Owned Business Enterprise Procurement Program) by meeting the goals with a combined MBE/WBE goal of 21.14% participation.]

Lead Department

Capital Contracting Office.

Managing Department

Watershed Protection Department.

Fiscal Note

Funding is available in the Fiscal Year 2021-2022 Capital Budget of the Watershed Protection Department.

Purchasing Language:

Lowest responsive bid of two bids received through a competitive Invitation for Bids solicitation.

For More Information:

Inquiries should be directed to the City Manager's Agenda Office, at 512-974-2991 or AgendaOffice@austintexas.gov <<mailto:AgendaOffice@austintexas.gov>>

NOTE: Respondents to this solicitation, and their representatives, shall direct inquiries to Rolando Fernandez, 512-974-7749; Garrett Cox, 512-974-9423; or the Project Manager, Susan Kenzle, 512-974-2565.

Additional Backup Information:

Stretching from Waterloo Park to Lady Bird Lake, the Waller Creek Tunnel (WCT) is a critical piece of infrastructure that reduces the risk of flooding in downtown Austin. The WCT comprises the Tunnel, the Inlet at Waterloo Park, the 4th and 8th Street Creekside Inlets, and the Outlet at Lady Bird Lake. The Catenary Pilot project will be at the Waller Creek Tunnel Inlet Facility.

The purpose of this project is to augment current efficiency and safety of Waller Creek Tunnel operations. After three years of tunnel operation an engineering evaluation concluded that the cleaning frequency of the existing bosker cleaning devices was not adequate for the excessive amounts of debris being captured, resulting in "binding" of the screens and an inability of the screen to pass even small stormwater flows. In

2018, an interim solution of removing a portion of the screens was implemented to ensure the facility could pass designed stormwater flows. The engineering evaluation recommended the bosker system be replaced with another type of cleaning mechanism, a catenary screen, and that one catenary screen be installed to visually monitor its effectiveness while the bosker system is still operational. The catenary screen is the recommended option. It is a fast automated, heavy-duty debris management system that can work during storm events to prevent screen binding, allowing stormwater to enter the tunnel. If deemed successful after this pilot project, the entire bosker system may be replaced by catenary screens.

Due to the potential for unknown conditions, a 10% contingency in funding has been included to allow for the expeditious processing of any change orders. A contingency is an additional amount of money added to the construction budget to cover any unforeseen construction costs associated with the project. By authorizing the additional contingency funding, Council is authorizing any change orders within the contingency amount.

The construction of this project is set to coincide with a break in concert programming at Waterloo Park and, if contract approval is delayed, it could affect this timing.

There will be no public impact to the use of the park and no park closures.

The contract allows 250 calendar days for completion of this project. This project is located within zip code 78701 (District 1).

Matous Construction, Ltd. is located in Temple, Texas.

Strategic Outcome(s):

Safety.