



Legislation Text

File #: 19-3381, **Version:** 1

Resolution - A Resolution to Consider Awarding a Construction Contract to NEMA 3 Electric, Inc. of Midlothian, Texas in the Amount of \$377,006 for Installation of LED lighting on the North Main Street Bridge

Discuss and Consider a Resolution to Execute a Construction Contract

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The City of Mansfield and the Texas Department of Transportation (TxDOT) entered into a Local Project Advance Funding Agreement (AFA) on September 2, 2015 for the construction of the Historic Mansfield Hike and Bike Trail Connection. Completed in January 2019, the project included a 10'-wide concrete pedestrian and bicycle trail on both sides of the street that connects Historic Downtown Mansfield along North Main Street to the city-wide linear park trail system. The project provided new curbs and concrete barriers to narrow the roadway for traffic calming, ornamental fencing, street and pedestrian lighting for ambience, and provide managed drive approaches along the street.

City Council's original vision for the project included adding lighting on the proposed concrete railing to enhance the visual appearance of the bridge and entrance into Historic Downtown Mansfield. Since it was not a required element of the TxDOT project, staff worked with the electrical engineer (Yaggi Engineering) on a separate contract to design an LED lighting system that would complement the new bridge railing.

The proposed project includes the installation of approximately 2,160 linear feet of strip LED lighting in a custom aluminum channel that will be attached to the concrete railing on the pedestrian side of the trail. Provided by Organic Lighting Systems, the project will include control systems that will allow staff to program the lighting in 16 million color combinations.

The bid opening was held on November 7, 2019. NEMA 3 Electric, Inc. is the recommended low bidder. The contract includes the base bid in the amount of \$377,006. The bid tab is attached. The project will be paid for by the General Fund through Certificates of and eligible for reimbursement by the Downtown TIRZ #2.

With an increased focus on development in the downtown area, this trail provides improved pedestrian access into Historic Downtown Mansfield and improved quality of life for Mansfield residents.

General Fund

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