



City Council Agenda Item Summary Report

Meeting Date: August 4, 2020			
Submitted by: Candy McQuiston, Capital Improvement Program Manager Karl Zook, P.E., City Engineer			
Consent X	Discussion Only	Public Hearing	Action/Discussion
Item Title: Consider a Resolution awarding a contract to Lewis Concrete Restoration Corporation for the Manhole Rehabilitation Project, and all related issues.			
Attachments: Resolution Bid Tabulation			

Item Summary:

This type of rehabilitation project involves the reconstruction and/or removal of any existing damaged manhole liner, the rehabilitation, and rebuilding the manhole structure, as well as the application of a new manhole corrosion-resistant coating material. The manholes included in this project have been damaged by hydrogen sulfide gas and sulfuric acid, both by-products of sanitary sewer flows. If unchecked or not repaired, this type of damage can allow groundwater to infiltrate the sanitary sewer system which negatively impacts sanitary sewer treatment plant operations and undermines the integrity of the manhole structure. The original lining within these manholes have blistered and the concrete shows various stages of deterioration leaving the structures compromised and exposed to the destructive gasses. The manholes need to be structurally rehabilitated and lined with a product that will provide a corrosion-resistant coating and prevent future manhole failure.

Completing the rehabilitation of the eight sanitary sewer manholes will ensure proper functionality of the adjacent sanitary sewer trunk line infrastructure. This work will also reduce the potential for sanitary sewer overflows, stop infiltration, and inflow of groundwater into the collection system and reduce the risk of emergency repairs.

The request for proposals was published in the Forney Messenger, City of Forney website, and Civcast Bid System (Bid Management & Online Bidding for civil engineers and government agencies). Qualified bids were received until July 21, 2020, for this project. There was a total of three bidders who responded to the request.

Lewis Concrete Restoration Corporation of Buda, TX with a cost of \$62,100 submitted the lowest bid with a timeframe of 21 calendar days for substantial completion.

Funding Source – This maintenance item is approved in the Public Works Sanitary Sewer Department FY20 Budget.

Staff is recommending approving a contract with Lewis Concrete Restoration Corporation.