



Wylie City Council

AGENDA REPORT

Department: Public Works

Account Code: 620-5730-58410

Prepared By: Albert Garza

Subject

Consider, and act upon, the award of contract #W2024-65-I to Fuquay, Inc. for repairs/rehabilitation of 12 Manholes, in the estimated amount of \$73,368.00, through a cooperative purchasing contract with Buyboard and authorizing the City Manager to execute any and all necessary documents.

Recommendation

Motion to approve the Item as presented.

Discussion

The City of Wylie hired Pipe Analysis Inc. to conduct the Phased Infiltration and Inflow Abatement Program Plan 2018. The project's initial phase involved implementing the Capacity, Management, Operation, and Maintenance (CMOM) Plan. This included conducting manhole inspections, updating the collection system maps, and conducting temporary flow monitoring to prioritize the system. The wastewater collection system consists of manholes, pipelines, and lift stations. These components have deteriorated over time and require rehabilitation or replacement. Currently, the system consists of approximately 211 miles (1,119,049 linear feet) of gravity sewers, 7.63 miles of force main (40,297 linear feet), 3,755 manholes, and 10 lift stations.

The most recognized result of system deterioration is high infiltration/inflow during wet weather. Infiltration/inflow comprised of groundwater and rainfall runoff that enters the collection system through broken pipes, open pipe joints, vented manhole covers, defective manholes, and unauthorized storm drain connections.

The Wastewater Division met with Fuquay Inc. and they inspected and identified 12 manholes that are deteriorating and failing due to infiltration/inflow. The infiltration/inflow of the manholes will need to be rehabilitated with chemical grout injection, manhole bench, and invert repairs to a 4-inch, diameter base, and one-inch thickness of cementitious.

Staff recommends the award of contract # W2024-65-I to Fuquay Inc. in the estimated amount of \$73,368.00 as providing the best value to the City. The City is authorized to purchase from a cooperative purchasing program with another local government or a local cooperative organization under Chapter 791 of the Texas Government Code and Section 271 Subchapter F of the Local Government Code, and by doing so, satisfies any State Law requiring local governments to seek competitive bids for items.

Wylie Agreement #W2024-65-I/Buyboard Contract #731-24