



MEMORANDUM

To: Mayor and City Council

From: Jamie Brierton, Capital Programs Administrator
Mike Garza, P.E., Director of Public Works

Date: March 26, 2024

Reference: Consider approval to award contract with KKE Concrete Lifting; for annual pavement leveling (mud-jacking); utilizing TIPS contract #23010401; in the amount of \$99,997.40; as budgeted in the Infrastructure Maintenance Fund (IMF); and authorizing the City Manager to sign any necessary documents.

2040: Sustainable Government

Introduction:

The purpose of this agenda item is to request approval of a contract with KKE at the lower unit price of \$3.40/lb. for the Pavement Leveling (mud-jacking) provided by KKE Concrete Lifting, as compared to our current vendor's price of \$4.05/lb., utilizing the TIPS contract # 23010401, as budgeted in the Infrastructure Maintenance Fund (IMF), in the amount of \$99,997.40; and authorizing the City Manager to sign all necessary documents.

Background:

The city utilizes the mud-jacking process to lift concrete panels and level streets to solve minor drainage issues and to level slabs on multi-lane roadways. As an example, the pavement on South Belt Line Road was leveled prior to the start of reconstruction because differential settling due to subgrade and reinforcement failure led to significant panel unevenness. Mud-jacking in combination with an asphalt overlay extended the life of the riding surface several years until funds were available for reconstruction.

KKE provides concrete lifting services using a polyurethane foam injection method commonly referred to as "Uretek" injection. The City has been using the Uretek method for leveling streets and alleys for over 20 years through annual maintenance contracts. The City of Coppell's cooperative purchase contract for this service in 2022 was \$4.05/lb. of foam. This contract has a unit price of \$3.40 per lb. of foam including labor to inject the foam as described in the contract, with a total budgeted expenditure for this work not-to-exceed \$99,997.40.

Benefit to the Community:

Proper maintenance of concrete sidewalks, streets and alleys extends the life of those assets and in some instances requires lifting and leveling. Concrete lifting applied under this contract will extend the useful life of concrete assets and avoid the expense of premature replacement of sidewalks, alleys, and streets.

Legal Review:

The Procurement Division has reviewed the documents and determined that this is an appropriate method of contracting with the vendor.

Fiscal Impact:

The fiscal impact of this agenda item is \$99,997.40, as budgeted in the IMF.

Recommendation:

The Public Works Department recommends approval of this item.