



MEMORANDUM

To: Mayor and City Council

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

Date: November 12, 2024

Reference: Consider approval of Pavement Leveling (mud-jacking) with KKE, Inc. Concrete Lifting; utilizing the 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:

This agenda item is requesting approval of a contract with KKE, Inc. Concrete Lifting for the Pavement Leveling (mud-jacking), utilizing the 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.

Background:

The City utilizes the mud-jacking process to lift and level streets to solve minor drainage issues and to level slabs on multi-lane roadways. As an example, before it was reconstructed South Belt Line Road experienced differential settling due to its life and a number of structural failures. Mud-jacking, in combination with an asphalt overlay, extended the life of the riding surface several years until funds were available for reconstruction.

KKE, Inc. provides concrete lifting services using a polyurethane foam injection method commonly referred to as "Uretek". The City has been using the this method for leveling streets and alleys for over 20 years through annual maintenance contracts. The City of Coppell utilized this same cooperative purchase contract for maintenance service in FY 23/24 and paid \$3.40/lb. of foam. The pricing in this contract remains the same at \$3.40/lb. of foam including labor to inject the foam as described in the contract, with a total budgeted expenditure of \$99,997.40. Staff has compared this pricing with other vendors and this cooperative pricing is still the best available.

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, streets and alleys.

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 Infrastructure Maintenance Fund (IMF).

Recommendation:

The Public Works Department recommends approval of this contract.