
City Council Regular Meeting

DEPARTMENT: PUBLIC WORKS

FROM: Eric Oscarson, Public Works Director

MEETING: September 6, 2022

SUBJECT:

Consider approval of a contract for the application of Pavement Rejuvenator by Pavement Restoration Inc. in an amount not to exceed \$300,000. (*Staff Contact: Eric Oscarson, Public Works Director*)

SUMMARY:

The City maintains approximately 215 miles of paved roadway, (~111 miles asphalt pavement, and ~104 miles concrete pavement). For asphalt pavement, the City has used a treatment called pavement rejuvenation to help extend the life of the pavement four (4) to six (6) years or more. This is a primary aspect of the City's overall street maintenance program.

Pavement rejuvenation consists of the application of a proprietary maltene-based asphalt rejuvenator called Reclamite by a distributor truck to the surface of the asphalt pavement. This material is then allowed to penetrate the surface of the pavement to replenish the lost maltenes, restoring the pavement's flexibility in order to retard the pavement's aging process. Immediately following the application, the pavement is treated with sand to facilitate re-opening of the roadway to traffic. The sand is subsequently swept up within two days, completing the treatment process.

Candidate streets for this treatment are those with a Pavement Condition Index (PCI) rating of sixty (60) to ninety (90) on a one hundred (100) point scale. Generally, candidates for rejuvenator application will exhibit a mostly structurally-sound base with a moderately comfortable riding surface, some cracking, and minimal pavement failures. Given available funding, staff expects to treat about 17 miles or 240,000 square yards of roadway with this contract.

This is a sole source provider contract for this material and application. While other products claim rejuvenation, staff has not found a product that achieves equivalent pavement surface penetration and subsequent maltene replacement. Tricor Refining, LLC, maker of the proprietary product, has established Pavement Restoration Inc. as the sole source applicator in the State of Texas. A sole source letter is attached.

The pricing received matches existing contracts in the North Central Texas area, including the City of Irving. The cost per square yard is \$1.25.

OPTIONS:

- 1) Approve a contract for the application of Pavement Rejuvenator by Pavement Restoration Inc. in an amount not to exceed \$300,000.00.
- 2) Deny a contract for the application of Pavement Rejuvenator by Pavement Restoration Inc. in an amount not to exceed \$300,000.00.

RECOMMENDATION:

Approve a contract for the application of Pavement Rejuvenator by Pavement Restoration Inc. in an amount not to exceed \$300,000.00.

FISCAL IMPACT:

Budgeted Y/N: Yes

Fund Name: General Fund

Full Account #'s: 001-4017-432.41-03

Amount: \$300,000.00

Project (if applicable):

Financial Consideration:

STAFF CONTACT:

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