



AGENDA MEMORANDUM

Action Item for the City Council Meeting July 21, 2020

DATE: July 21, 2020

TO: Peter Zaroni, City Manager

FROM: Roberto Martinez, Director of Public Works
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**Purchase of Traffic Control Thermoplastics Material
used by the Public Works Department**

CAPTION:

Motion authorizing a three-year supply agreement with Ennis-Flint, Inc. from Thomasville, North Carolina, in amount not to exceed \$134,970.72 for the purchase of traffic control thermoplastic pavement markings material for the Public Works Department, with FY 2020 funding in the amount of \$7,498.37 available through the Streets Fund.

SUMMARY:

This motion authorizes a three-year supply agreement for traffic control pavement marking thermoplastic materials with Ennis-Flint, Inc., who is the incumbent. This product has been under contract the past three years with the same supplier. Current contract expires August 2020. Thermoplastic pavement marking materials are used to mark traffic lanes, legends, symbols, and boundaries on roads, parking lots, and other paved surfaces. The thermoplastics material will be applied to pavement by the Signs and Markings Division of the Public Works Department.

BACKGROUND AND FINDINGS:

The Signs and Markings Division of Public Works maintains and installs 25,000 feet of pavement markings through the application of thermoplastics material on crosswalks, stop bars, turn arrows, and pavement text on an as needed basis. Once the thermoplastics are applied, its life span is up to five years. One of the most significant benefits of using thermoplastic road markings is that it promotes road safety. The thermoplastic markings are highly reflective, which makes it highly visible at night, in bad

weather conditions, and when the visibility is poor. This enables traffic to stay in their designated lanes and helps prevent accidents. There is no cost-effective alternative. Thermoplastics are safer than painted markings and offer better skid resistance, especially on wet pavements. They have superior visibility under both daytime and nighttime conditions; reflective glass beads are incorporated throughout the material. Thermoplastic markings also pose no danger to the environment and will last up to six times as long as pavement paint.

This procurement is through the Texas Smart Buy Cooperative. Contracts awarded through the Texas Smart Buy Purchasing Cooperative have been competitively procured, in compliance with local and state procurement requirements. The Contracts and Procurement Department conducted a cost analysis of savings between the cooperative purchase price and the vendor's list price, which concluded with a 56% cost savings. Additionally, there is a 10% savings, with the exception of one item, related to the previous agreement.

ALTERNATIVES:

The alternative to accepting this bid would be to require the Public Works Department to purchase traffic control thermoplastic pavement markings material on an as needed basis on individual orders, which would not be as productive. In addition, a long-term supply agreement allows for a better economy of scale.

FISCAL IMPACT:

The fiscal impact in FY 2020 is \$ 7,498.37 for the traffic control thermoplastic pavement markings material funded through the Street Fund. The remaining cost \$127,472.35 will be funded through the annual budget process.

FUNDING DETAIL:

Fund:	1041 Streets Fund
Organization/Activity:	12320 Signs & Markings
Mission Element:	053 Signals, Signs & Markings
Project # (CIP Only):	N/A
Account:	520130 Maintenance Repairs

RECOMMENDATION:

Staff recommends the approval of this agreement with Ennis-Flint, Inc. for traffic control thermoplastic pavement markings material as presented.

LIST OF SUPPORTING DOCUMENTS:

Price Sheet
Supply Agreement