



AGENDA MEMORANDUM

Action Item for the City Council Meeting March 2, 2021

DATE: March 2, 2021

TO: Peter Zanoni, City Manager

FROM: Richard Martinez, Director of Public Works
RichardM5@cctexas.com
(361) 826-3419

Josh Chronley, Interim Assistant Director of Contracts and Procurement
JoshC2@cctexas.com
(361) 826-3169

Purchase of LED Internally Illuminated Street Name (ILSN) Signs

CAPTION:

Motion authorizing the purchase of 56 LED internally illuminated street name (ILSN) signs from TRASTAR Inc., of Richardson, Texas in the amount of \$73,900.00 for the Public Works Department, with FY 2021 funding available in the Streets Fund.

SUMMARY:

This motion approves the purchase of 56 LED internally illuminated street name (ILSN) signs through the BuyBoard Cooperative. The signs will be installed at thirteen existing signalized intersections by the Public Works Department.

BACKGROUND AND FINDINGS:

The Public Works Department aims to improve the safety at all signalized intersections in the City by enhancing the nighttime visibility and illumination of street name signs. Street names at signalized intersections are internally illuminated with fluorescent bulbs. Many are no longer working or require routine maintenance to remain serviceable. The proposed use of internally illuminated light-emitting diode (LED) bulbs will provide better illumination, are more energy efficient and require less maintenance than the existing fluorescent bulbs.

There are 252 signalized intersections in the City. Only 63 of these intersections have been upgraded to LED ILSN signs. These intersections were upgraded as part of traffic signal improvements on Capital Improvement Program projects or routine maintenance due to failure of the existing signs. The Public Works Department plans to increase maintenance efforts by planning the removal and replacement of existing signs on a yearly basis. These efforts are part of a budget initiative by the Public Works Department.

This budget initiative is one of several performance measures which are intended to enhance safety and uniformity at signalized intersections citywide.

A total of 56 DURALIGHT LED ILSN signs will be fabricated and purchased from TRASTAR, Inc. The company's products and services carry a 60-month warranty from date of product shipment. The newly purchased signs will replace existing signs at 13 signalized intersections. The timeline for procurement, sign fabrication, and delivery is estimated to take up to six weeks. All signs shall be installed by the City's Public Works Department by December 31, 2021.

The procurement is through the BuyBoard Cooperative. Contracts awarded through the BuyBoard Cooperative have been competitively procured in compliance with Texas Local and State procurement requirements.

ALTERNATIVES:

The alternative is not to authorize the purchase of LED ILSN signs. This would impact the ability to enhance safety and driver visibility of street names at major signalized intersections. It also would increase costs to maintain existing illuminated signs using obsolete fluorescent bulbs for illumination.

FISCAL IMPACT:

The fiscal impact in FY 2021 for the Public Works Department is \$73,900.00.

FUNDING DETAIL:

Fund:	1041	Streets Fund
Organization/Activity:	12310	Traffic Signals
Mission Element:	053	Signals, Signs, & Markings
Project # (CIP Only):	N/A	
Account:	520130	Maintenance & Repairs

RECOMMENDATION:

Staff recommends approval of the purchase of 56 LED internally illuminated street name (ILSN) signs from TRASTAR Inc. for Public Works as presented.

LIST OF SUPPORTING DOCUMENTS:

Price Sheet