



AGENDA MEMORANDUM

Action Item for the City Council Meeting December 7, 2021

DATE: December 7, 2021

TO: Peter Zaroni, City Manager

FROM: Roland Mata, Director of Public Works
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Purchase of LED Internally Illuminated Street Name (ILSN) Signs

CAPTION:

Motion authorizing the purchase of 59 additional LED Internally Illuminated Street Name (ILSN) signs from TRASTAR Inc., of Richardson, Texas in the amount of \$82,150.00 for the Public Works Department in support of the City's Vision Zero Program, with FY 2022 funding available in the Streets Fund.

SUMMARY:

This motion approves the purchase of 59 LED Internally Illuminated Street Name (ILSN) signs through the BuyBoard Cooperative. 13 of the 59 signs will be replacements of existing illuminated signs and 46 of 59 signs will be new installations that upgrade the signs from non-illuminated to illuminated. The signs will be installed at fifteen existing signalized intersections by the Public Works Department. These upgrades are being performed as part of the City's Vision Zero Program.

BACKGROUND AND FINDINGS:

The Public Works Department aims to improve all signalized intersections in the City by enhancing the nighttime visibility and illumination of the street name signs. Street names at signalized intersections are internally illuminated Light-Emitting Diode (LED) bulbs that provide better illumination, are more energy efficient, and require less maintenance than fluorescent bulbs. This improvement is part of the City's Vision Zero initiative.

There are 252 signalized intersections in the City. To date, 119 of these intersections have been upgraded to LED ILSN signs. The Public Works Department plans to increase

maintenance efforts by removing and replacing existing signs on an annual basis. These efforts are part of the FY 2022 budget initiatives by the Public Works Department.

PROCUREMENT DETAIL:

A total of 59 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 15 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 Traffic Signals Team.

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 2022 for the Public Works Department is \$82,150.

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
Amount:	\$82,150	

RECOMMENDATION:

Staff recommends approval of the purchase of 59 LED internally illuminated street name (ILSN) signs from TRASTAR Inc. for Public Works as presented.

LIST OF SUPPORTING DOCUMENTS:

Price Sheet
Sign Locations