

**CITY OF LA VISTA
MAYOR AND CITY COUNCIL REPORT
DECEMBER 17, 2024 AGENDA**

Subject:	Type:	Submitted By:
AUTHORIZE PURCHASE – RADAR DETECTION UNITS	◆ RESOLUTION ORDINANCE RECEIVE/FILE	BRADY SMALL STREET SUPERINTENDENT

SYNOPSIS

A resolution has been prepared to authorize the purchase of four (4) Wavetronic Traffic Signal Radar Detection Units from Vierregger Electric Co., Omaha, Nebraska in an amount not to exceed \$47,405.

FISCAL IMPACT

The FY25/FY26 Biennial Budget provides funding for the proposed purchase.

RECOMMENDATION

Approval.

BACKGROUND

This project is included in the CIP and is a component of the overall traffic signal improvement program. The Wavetronic radar detection will replace the current camera detection system at 125th and Southport Pkwy that is 18 years old. Parts for this system are obsolete and are no longer available. The Wavetronic system is a radar system requiring minimal maintenance. Most detection adjustments can be made from the ground. Unlike the camera system, Wavetronic Radar is not affected by weather or sun glare and is a step forward towards the Share the Road initiative to help detect cyclists using the roadway.

RESOLUTION NO. _____

A RESOLUTION OF THE MAYOR AND CITY COUNCIL OF THE CITY OF LA VISTA, NEBRASKA AUTHORIZING THE PURCHASE OF FOUR (4) WAVETRONIC TRAFFIC SIGNAL DETECTION UNITS FROM VIERREGGER ELECTRIC CO., OMAHA, NEBRASKA IN AN AMOUNT NOT TO EXCEED \$47,405.00.

WHEREAS, the City Council of the City of La Vista has determined that the purchase of four (4) Wavetronic Traffic Signal Detection Units are necessary; and

WHEREAS, the FY25/FY26 Biennial Budget provides funding for the proposed purchase; and

WHEREAS, Subsection (C) (9) of Section 31.23 of the La Vista Municipal code requires that the City Administrator secure council approval prior to authorizing any purchases over \$5,000;

NOW, THEREFORE BE IT RESOLVED, that the Mayor and City Council of the City of La Vista, Nebraska authorize the purchase of four (4) Wavetronic Traffic Signal Detection Units from Vierregger Electric Co., Omaha, Nebraska in an amount not to exceed \$47,405.00.

PASSED AND APPROVED THIS 17TH DAY OF DECEMBER 2024.

CITY OF LA VISTA

Douglas Kindig, Mayor

ATTEST:

Pamela A. Buethe, MMC
City Clerk



VIERREGGER ELECTRIC CO.

POWER • HEAT • LIGHT

4349 SOUTH 139TH STREET

OMAHA, NEBRASKA 68137

(402) 896-8008

FAX (402) 896-6559

November 14, 2024

Mr. Brady Small
City of La Vista Public Works
9900 Portal Road
La Vista, Nebraska 68128

**RE: New Controller and Wavetronix Radar Detection
125th Street & Southport Parkway, La Vista**

Brady,

Thanks very much for your request for an updated proposed for the upgrades referenced above. We are pleased to present this Proposal for your consideration.

Replace Failed Controller

SCOPE: Remove existing Econolite controller on loan from Vierregger Electric; furnish a new Siemens M60 NEMA controller from Mobotrex and install in existing pole-mounted cabinet. Programming by Mobotrex is included.

Materials	\$ 6,960.00
Labor and Equipment	<u>3,360.00</u>
Total for Controller	\$ 11,320.00

Wavetronix Radar Detection

SCOPE: Furnish and install one complete Wavetronix 4 Approach Radar System, including (4) sensors, (4) brackets, (4) harnesses, (1) spool of home run cable, and ARC 6 with SDLC cable cabinet interface device.

Materials	\$ 31,605.00
Labor and Equipment	<u>4,480.00</u>
Total for Radar Detection	\$ 36,085.00

Total for Both Items Shown Above \$ 47,405.00

Mr. Brady Small
RE: 125th Street & Southport Parkway

November 14, 2024
Page 2

Lead time for both items is anticipated at four to six weeks.

With your Approval, we can plan to proceed to install radar cable very soon – before Winter weather impacts the underground conduits. Installation of radar detectors and commissioning can be accomplished soon after arrival of the Wavetronix equipment.

Thanks as always for your request, and please don't hesitate to contact us with any questions, comments or other requirements.

Best regards,

VIERREGGER ELECTRIC CO.



Tim Vierregger