



AGENDA ITEM SUMMARY

District Impacted

- ☐ 1 = Anzollitto
- ☐ 2 = Woolard
- ☐ 3 = Tye
- ☒ 4 = Cisneros
- ☒ 5 = Handren
- ☐ All

AGENDA DATE	August 28, 2018
DESCRIPTION	CONSIDER RESOLUTION NO. 2018-R70; A RESOLUTION AUTHORIZING THE PURCHASE AND INSTALLATION OF A RADAR PRESENCE DETECTION DEVICE FOR THE TRAFFIC LIGHT AT OLD SAN ANTONIO ROAD AND HERFF ROAD.
STAFF'S RECOMMENDED ACTION (be specific)	Approve Resolution No. 2018-R70; Authorizing the purchase and installation of a Radar Presence Detection Device for the traffic light at Old San Antonio Road and Herff Road in an amount not to exceed \$35,000.00.
CONTACT PERSON	Danny Zincke, Community Services Director
SUMMARY	<p>The traffic signal light at Old San Antonio and Herff Road is one of only two signal lights in the City of Boerne that is owned and maintained by the City. The Video Imaging Vehicle Detection System (VIVDS) at this location has failed and is in need of replacement. This system detects traffic and based on this information and the program it is running, makes decisions on which lights to activate. The system was purchased and installed by Kendall County as part of the Herff Road extension project a few years ago.</p> <p>Staff requested bids for replacing the system from several vendors and received quotes from two vendors. Based on feedback offered to us from those vendors' staff, we also had them quote a Radar Presence Detection Device (RPDD) system. This is the system that TxDOT is currently moving to because it lasts longer, requires less maintenance, and does not have the same issues with weather that the older VIVDS has. Based on the quotes received and the review of both the current VIVDS and the recommended RPDD system Staff recommends moving to the Radar system.</p> <p>Staff received bids from two vendors Levy Company at \$28,000 and SAECO Electric at \$29,668. The bid from Levy is based on reusing the existing conduit. This, along with past experience, leads staff to recommend awarding the bid from SAECO Electric for \$29,668.</p> <p>Because of the timing and need to get this process moving as soon as possible staff is requesting an amount not to exceed \$35,000 to complete this repair. These funds would be allocated to the proposed fiscal year 2018/2019 budget since the project is not expected to be completed prior to October 1, 2018. If it is completed in this fiscal</p>

	<p>year, funds can be allocated from the existing Streets Dept. budget.</p> <p>There are plans to add a right turn lane off of Old San Antonio Road onto Herff Road when approaching the intersection from the south. When this lane is added there will be additional costs associated with reconfiguring the system. This additional cost would be required on the camera-based system as well.</p>
COST	Not to exceed \$35,000. (\$29,000 plus \$6,000 in contingency if lines or other components needs replacement.)
SOURCE OF FUNDS	Streets Maintenance Budget 2018/2019
ADDITIONAL INFORMATION	

This summary is not meant to be all inclusive. Supporting documentation is attached.