



Engineering Services Committee Meeting

Meeting Date: April 28, 2026

Purchase of Wavetronix Radar Traffic Detection Equipment/Traffic Engineering ITS Program

Department:	Engineering & Environmental Services
Presenter:	Dr. Hameed Malik, Director
Caption:	Approve the purchase through a sole source procurement for the Wavetronix radar traffic detection and Traffic Intelligent Transportation System (ITS) equipment for Augusta Engineering- Traffic ITS Program. Also, approve funds in the amount of 42,436.68. /AE
Background:	Augusta Engineering's ITS program (Program) was implementation commenced in 2016. The Program expansion and maintenance is continuous ongoing functions. Many of the necessary hardware and software components are now reaching eight to ten years old and need upgrades and replacement. Also, Traffic Engineering brings additional signals to the Program as opportunity becomes available. This purchase covers Wheeler Road @ RC Daniel intersection.
Analysis:	Wavetronix is an industry leader in providing radar traffic detection and Traffic Intelligent Transportation System (ITS). These components are needed to continue to operate, maintain & expand Augusta's traffic signals ITS operations as standardized. This product is a continuation of the expansion and maintenance of Augusta Traffic Engineering's Intelligent Transportation System {ITS} network.
Financial Impact:	Funds in amount of 42,436.68 available in TIA-Discretionary funds.
Alternatives:	Do not approve the sole source request and identify alternate way to complete signal radar detection components.
Recommendation:	Approve the purchase through a sole source procurement for the Wavetronix radar traffic detection and Traffic Intelligent Transportation System (ITS) equipment for Augusta Engineering- Traffic ITS Program. Also, approve funds in the amount of 42,436.68. /AE
Funds are available in the following accounts:	(\$42,436.68) 236-041110-54.14910 TIA-discretionary funds.
<u>REVIEWED AND APPROVED BY:</u>	HM/sr