

A stylized graphic in the upper right quadrant of the page. It features a grey five-pointed star at the top right, with a curved grey line extending from the bottom left towards the star. Behind this line are several grey, slanted rectangular shapes that resemble stylized letters or abstract forms.

PURCHASE AN AIRFIELD LIGHTING
CONTROL AND MONITORING SYSTEM AT
RGAAF UNDER THE INTERGOVERNMENTAL
SUPPORT AGREEMENT WITH FORT
CAVAZOS

RS-24-219

December 3, 2024

Background

- On June 18, 2024, The City Council approved a resolution allowing the City of Killeen to enter into an Intergovernmental Support Agreement (IGSA) with Fort Cavazos to provide new and expanded airfield maintenance services for Robert Gray Army Airfield (RGAAF) and Yoakum Defrenn Army Heliport (YDAH).
- IGSA became effective October 1, 2024.

Discussion

- Under the IGSA, Fort Cavazos DPW is contracting with the City of Killeen Aviation Department to purchase, install, and maintain a new Airfield Lighting Control and monitoring System (ALCMS). Fort Cavazos is funding the entire project, in the amount of \$800,000, as part of its commitment to ensuring reliable and efficient airfield operations.

Discussion

- The ALCMS manages the airfield's critical lighting infrastructure, including runway and taxiway lights, approach lights, and apron lighting. This system provides centralized control and monitoring, allowing operators to adjust lighting levels based on visibility conditions and real-time operational needs, ensuring safe and efficient airfield operations.

Discussion

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- The existing ALCMS is outdated, and the manufacturer no longer provides support.
- The system has become increasingly unreliable, requiring frequent manual interventions by staff. Temporary "band-aid" fixes are being applied to maintain functionality, but this approach is inefficient and not sustainable long-term.
- The ongoing degradation of the system poses significant operational risks and could compromise airfield safety and efficiency without a proper upgrade.

Discussion

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- The objective is to replace the outdated ALCMS with a modern, fully supported system that enhances reliability, safety, and operational efficiency.
- The new system will provide seamless lighting control, real-time monitoring, and the flexibility to adapt to varying conditions.

Discussion

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- Through this IGSA partnership, the City of Killeen Aviation Department will manage the bidding, purchase, installation, and ongoing maintenance of the new ALCMS.
- With Fort Cavazos funding the project, this collaborative effort will ensure both military and civilian airfield operations are supported by state-of-the-art infrastructure

Recommendation

- Staff recommends City Council authorize the purchase of an Airfield Lighting Control and Monitoring System (ALCMS) at Robert Gray Army Airfield, in the amount of \$800,000, and that the City Manager or designee be authorized to execute any and all contract documents in accordance with state and local law.