

## **ATTACHMENT K EFFICIENCY IMPROVEMENT**

The physical security barrier provided by a security fence provides one or more of the following functions:

- Gives notice of legal boundary of the outermost limits of the protected area.
- Assists in controlling and screening authorized entries into secured/protected areas by channeling vehicles and personnel to access control points.
- Supports surveillance, detection, assessment, and other security functions by providing a platform for installing intrusion detection equipment.
- Deters casual intruders from penetrating a secured/protected area by presenting a barrier that requires an overt action to enter.
- Causes a delay to obtain access to a installation/facility, thereby increasing the probability of detection.

By replacing rusting, deteriorating, and non-compliant perimeter fencing and gates, Naval Air Station Corpus Christi (NASCC) plans to improve the efficiency of its security operations. NASCC is prioritizing securing the perimeter for the 78 buildings spread out over more than 2,800 acres housing 29 tenant commands, including the Corpus Christi Army Depot, the Defense Logistics Agency, Department of Homeland Security, Chief of Naval Air Training, and Morale Welfare and Recreation.

Existing chain-link perimeter fence and gates are severely corroded, have gaps and openings in some places, and are non-functional. There is a high risk of unauthorized entry into restricted areas with potential terrorist actions. In the past five years (2018 to year-to-date 2023), NASCC has experienced 26 instances of attempted unauthorized access to the base, which illustrates the value of securing the perimeter and protecting mission-critical facilities.

The project at Naval Air Station Corpus Christi (NASCC) is a scalable force protection project to replace approximately 42,000 linear feet deteriorated perimeter fence and 18 manual gates to prevent unauthorized entry into protected areas, and to modernize security fencing to comply with current U.S. Department of Defense (DoD) Antiterrorism and Force Protection (ATFP) standards. Planning and design of perimeter fences are required to be consistent with Unified Facility Criteria (UFC) 4-022-03. The project includes four priority areas in need of replacing rusting, deteriorating, and failing fencing: (1) along the North Gate entry along Corpus Christi Bay up to the base's recently renovated water and wastewater plant, (2) from the commercial truck lane entrance to the Laguna Madre up to Dimmit Point, (3) around NASCC's primary flight training operation at Truax Field, the base's munition storage facility, and (4) along residential and commercial developments areas immediately adjacent to the base, to the primary entry way at the South Gate to the commercial truck lane.

NASCC has one million dollar (\$1,000,000) available to replace deteriorated fences and gates in its four priority areas, which can be matched with available DEAAG funds (\$500,000 up to \$1,000,000) for a scalable project. The project includes four priority areas in need of replacing rusting, deteriorating, and failing fencing and gates: (1) along the North Gate entry along Corpus Christi Bay up to the base's recently renovated water and wastewater plant, (2) from the

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