

NARRATIVE TAB

Project Summary

Briefly summarize the project, including proposed activities and intended impact.

This proposal requests \$37,500 in equipment funding to modernize and replace aging technology within the City of Lewisville's Mobile Emergency Operations Support Unit, commonly referred to as the "EOC in a Box." This self-contained trailer allows the City to rapidly establish a fully functional Emergency Operations Center with minimal external support during terrorism incidents and other large-scale emergencies.

Originally purchased with State Homeland Security Program (SHSP) funding in 2015, the unit has been in continuous service for more than a decade supporting incident response, regional exercises, and emergency activations. Several critical technological components have now reached the end of their useful life, are no longer supported by manufacturers, or have become nonfunctional.

This project will replace outdated systems and incorporate targeted technology enhancements to ensure the EOC-in-a-Box trailer remains a reliable, deployable asset capable of supporting operational coordination, situational awareness, and incident management during and following a terrorism event. These improvements will strengthen the City of Lewisville's response capabilities and enhance the North Central Texas Region's ability to coordinate response operations during complex emergencies.

Problem Statement

Provide a detailed account of the issues, threats or hazards that your project will target. For federal Homeland Security Grants, include specific page references to the regional or state *Threat and Hazard Identification and Risk Assessment (THIRA)*, as applicable.

The need for this project is driven by the threats and hazards identified in the 2025 DFWA USASI Threat and Hazard Identification and Risk Assessment (THIRA), particularly those that require significant operational coordination and situational awareness capabilities during a terrorism event.

The Complex Coordinated Terrorist Attack scenario identified on page 5 of the 2025 THIRA is ranked as the Region's second-highest threat. Such an event would require significant multi-agency coordination, information sharing, and real-time situational awareness to effectively manage response operations.

The THIRA further identifies Emergency Operations Center (EOC) support as a critical component of the Operational Coordination core capability (page 22). A complex

coordinated terrorist attack would place substantial strain on regional operational coordination (page 22) and situational assessment capabilities (page 44). During these types of incidents, the ability to rapidly establish an operational EOC environment is essential to support unified command, facilitate information sharing, and coordinate response resources.

In addition to terrorism incidents, many of the threats and hazards identified in the 2025 THIRA could require rapid deployment of EOC capabilities to support incident coordination and response operations throughout the Region.

Existing Capability Levels

Describe the existing capability levels, including resources that are currently in place to support this project prior to the use of grant funds.

The City of Lewisville currently maintains a fully deployable EOC-in-a-Box trailer designed to rapidly establish an operational EOC environment in the field. The trailer is equipped with projectors, display monitors, computers, wireless presentation systems, printers, generators, and workspace furniture to support command staff and operational coordination during emergency incidents.

The EOC-in-a-Box trailer is self-contained and capable of rapid deployment to support incident management, emergency response coordination, and information sharing during major emergencies. The trailer provides a flexible capability to support field operations when the primary EOC is unavailable, overwhelmed, or when response operations require an on-scene coordination location.

The City's EOC-in-a-Box trailer is one of only two similar deployable units currently located within the Region, providing an important regional asset that can support both local response operations and mutual aid requests during large-scale emergencies.

Existing Capability Gaps

Describe the capability gaps which will be addressed by the project. For federal Homeland Security Grants, include specific page references to the regional or statewide State Preparedness Report (SPR).

This project addresses several critical capability gaps within the City of Lewisville's EOC-in-a-Box trailer that currently impact operational readiness and incident management effectiveness.

The 2025 DFWA UASI Stakeholder Preparedness Review (SPR) identified the need to inventory grant-funded assets, modernize outdated equipment, and acquire updated technology to strengthen regional emergency management capabilities (page 27).

Consistent with these findings, a recent inventory of the EOC-in-a-Box trailer confirmed that several essential systems, including projectors, display monitors, wireless presentation systems, and printers, have reached or exceeded the end of their useful life.

The aging and obsolescence of these mission-critical systems create a significant operational vulnerability. Equipment failures during an activation could limit the trailer's ability to support situational awareness, incident coordination, and command staff operations. Outdated systems also reduce compatibility with modern incident management platforms and information-sharing tools used by partner agencies.

The North Central Texas Council of Governments (NCTCOG) Emergency Managers Working Group (EMWG) identified the EOC-in-a-Box trailer as a priority for technology modernization to restore reliability and ensure the trailer remains a viable operational asset for regional emergency response.

In addition to aging equipment, the committee raised concerns that the trailer currently lacks several key technology assets that support effective incident response and recovery operations. The unit does not currently have a large-format plotter capable of producing operational maps, GIS overlays, and planning materials on-site. These products are essential for operational briefings, planning meetings, and maintaining a common operating picture during complex incidents.

Additionally, the absence of deployable tablets limits the ability of field personnel to conduct rapid damage assessments and transmit real-time information directly to command staff. These capability gaps reduce situational awareness, slow operational decision-making, and limit the effectiveness of response and recovery operations.

Impact Statement

Describe the project objectives and how this project will maintain capabilities or reduce capability gaps.

The objective of this project is to replace outdated equipment and add new technology to the EOC-in-a-Box trailer in order to enhance operational capability and reduce critical response gaps. Project activities include purchasing a plotter, color printer (with case), Barco wireless presentation system, mobile first aid kit, three projectors/TV monitors, two laptops, a rolling cart, and 20 iPads with accessories.

The purchase of a color printer, Barco wireless presentation system, projectors/TV monitors, and laptops will sustain current capabilities by replacing aging equipment essential for maintaining situational awareness, operational coordination, incident documentation, information sharing, and command staff operations during emergency deployments. The addition of a rolling cart and a basic first aid kit will further support safe and efficient Mobile

EOC operations by improving the transport and organization of equipment and ensuring basic medical supplies are available for personnel during field deployments.

This project will also enhance operational capabilities through the purchase of a plotter and 20 iPads. The plotter will allow staff to produce large-format maps, incident perimeter layouts, evacuation routes, and operational planning materials directly from the Mobile EOC, improving situational awareness and supporting clearer communication of response strategies among command staff and partner agencies. The iPads will enable field teams to conduct timely damage assessments, document conditions, and submit reports directly to command staff, improving information flow, streamlining data collection, and accelerating response and recovery operations.

Together, these upgrades will ensure the EOC-in-a-Box trailer remains a fully functional, deployable asset for the City of Lewisville and the North Central Texas Region, supporting coordinated response during terrorism-related incidents and other large-scale emergencies.

Homeland Security Priority Actions

Identify the Texas Homeland Security Priority Action most closely aligned with this project. Each Priority Action is linked with an *Objective from the Texas Homeland Security Strategic Plan (HSSP)*. List the Priority Action by number and text (e.g. *1.2.3 Expand and enhance the network of human sources that can provide detailed and relevant information on known or suspected terrorist and criminal enterprises.*)

Based on the Texas Homeland Security Strategic Plan (2026-2030), this project closely aligns with Goal 4: Increase the capability of the state's response system to minimize damage and loss of life from terrorist and criminal attacks and natural and technological disasters.

- Objective 4.1. Enhance the systems and organizational structures that coordinate and manage response operations to ensure unified, efficient effort
 - Priority Action 4.1.1. Strengthen the state's regionally focused, multi-discipline, all hazards response system that ensures each region statewide has access to the necessary response teams and resources, to include enhancement of resource request and mutual aid processes.

Target Group

Identify the target group and population expected to benefit from this project.

The City of Lewisville will directly benefit from the purchase of new equipment for the EOC-in-a-Box trailer, as well as the residents of the Region who may receive benefits

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provided by the EOC-in-a-Box trailer through mutual aid in the event of a terrorism threat/incident.

Longterm Approach

Describe how the applicant agency will sustain the capabilities supported by this project without additional federal or state funds. If sustainment is dependent upon federal or state grants, describe the ongoing need for future grants, as applicable.

The City of Lewisville will continue to be responsible for the maintenance and upkeep of the EOC-in-a-Box trailer and will comply with all grant regulations and tracking requirements.

BUDGET

Item	Description	Quantity	Total Cost (Est.)
Plotter	Plotter/map printer	1	\$3,500
Ipads	Ipads and accessories	20	\$20,000
Printer	Color printer and case	1	\$1,000
Barco System	Barco wireless presentation equipment	1	\$3,500
First Aid Kit	Mobile First Aid Kit	1	\$200
Projectors	Projector or TV Monitors	3	\$6,000
Computers	Laptop computers	2	\$3,000
Rolling Cart	Rolling Cart	1	\$300
Total			\$37,500

