

CBCOG REGION FY16 HOMELAND SECURITY GRANT PROJECT PROPOSAL

Applicant (jurisdiction and dept.): City of Corpus Christi, Police Department/Regional Bomb Squad

Project Title: Man-Portable X-Ray Units

Type of Project: X Regional Local Top 5 Priority # 3

Law Enforcement Project: X Yes No

Headquarter County (majority of services will be provided in this county): Nueces

Participant(s) – Jurisdiction(s), departments/groups/teams:

This grant will be used by the Corpus Christi Police Department to support their regional response activities that cover a 30 county wide area of south Texas.

Project Manager: Name: Mathew Weischwill

Email: MathewW@cctexas.com

Phone Number(s): 361-834-4455

Estimated Cost of Project: \$ 170,881.56 (budget line item details & quotes attached)

Select one or more Project Activities which best describe the project and dedicated percentage of activity.

Select	% of Project	Activity	Description of Activity
		Critical Infrastructure	Identifying critical infrastructure, collecting and maintaining data, and prioritizing critical infrastructure assets, clusters, and systems. Assessments of critical infrastructure vulnerabilities and interdependencies, particularly those involving multiple sites and/or sectors. Planning, training, exercises, equipment, and modeling enabling responsible jurisdictions to mitigate threats to and vulnerabilities of critical infrastructure facilities, assets, networks, and systems. Analysis of critical infrastructure threats and information sharing with private sector partners. Education and communications to enhance public awareness and increase reporting of suspicious activities related to critical infrastructure.
		Fusion Center	Support for a recognized fusion center (please refer to http://www.dhs.gov/fusion-center-locations-and-contact-information).
		Intelligence & Information Sharing	Projects that enable interdiction and disruption of terrorist activity through enhanced understanding and recognition of pre-operational activity and other crimes that may be precursors or indicators of terrorist activity.
		Interoperable Communications	Building capabilities to meet P-25 standards and sustaining existing capabilities through life cycle replacement of equipment.
		Operational Coordination	Establishing and maintaining a unified and coordinated operational structure and process that integrates critical stakeholders. Includes implementing and enhancing emergency operations centers and conducting or participating in incident management training and/or exercises.
		State, Regional & Local Planning	Development of state and regional risk and preparedness assessments. Core capability development planning, to include typing and tracking of equipment and special response teams. Planning and execution of training and exercises focused on terrorism prevention, protection and response. Multi-jurisdictional operational planning to include plans for regional operational coordination of terrorism prevention, protection, and response capabilities. Maintaining or updating Emergency Operations Plans. Planning and implementation of initiatives (e.g. CERT team training) to enhance the Citizen Corps Program. Public Warning Systems (note: public warning systems must be responsive to terrorism threats). WebEOC and other situational awareness and decision support tools.

X	100%	Sustaining Special Response Teams and First Responder Capabilities	CBRNE/WMD detection, HAZMAT response and decontamination, Urban Search and Rescue, SWAT and other tactical teams. Also includes first responder equipment sustainment needs, including PPE, WMD Pharmaceuticals, Calibration and maintenance for WMD-related detection and identification systems, and closely related investments to update or sustain current first responder equipment.
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(% total should equal to 100%):

Narrative Information

Description of Project and Issues Project will Target:

Recent and future special events such as marathons where bomb squads have had a response concern has uncovered the need for responding bomb squads to have a “man-portable” X-ray system to safely examine suspicious packages in an expeditious manner. Systems currently deployed by local bomb squads require external power and a vehicle for transport because of the system’s large size. However, man-portable X-ray processors will eliminate that problem and allow bomb technicians to safely and quickly X-ray suspicious packages with minimal disruptions to events.

Nationally, bomb squads are being asked to integrate with SWAT teams. A man-portable X-ray system will allow local bomb techs to properly support the tactical mission. This system would also allow the bomb techs to safely and quickly conduct X-rays while supporting their agencies tactical mission.

Man-portable X-ray systems are also beneficial for day-to-day operations of local bomb squads. Local squads will have another option for conducting X-rays during routine calls for service where large X-ray processors are either too cumbersome, or not right for the task.

Supporting Data – Provide supporting data, including baseline statistics and the sources of data which are pertinent to the grant project and its target area. Do not use statewide data for a local problem or national data for a statewide problem.

The Corpus Christi bomb squad is a FEMA Type I team, and it is the only accredited bomb squad south of San Antonio. The team covers the largest land area of any bomb squad in the United States. In 2015, the Corpus Christi bomb squad received 106 calls for service. Thirteen of these calls were for suspicious packages. The bomb squad also received 12 calls for pieces of military ordinance and eight requests to assist the SWAT team with entries. All of these situations required X-ray capabilities. The calls regarding a suspicious package had to be completed using the older equipment that requires a large response truck and several additional hours. The calls for military ordinance and SWAT assists had to be completed without this tool. The equipment requested will help the squad maintain FEMA Type I status, improve response times, and ensure the safety of the technicians.

Goal Statement – Provide a brief description of the overall goals and objectives for this project.

The goal of this project is to provide each member of the bomb squad with X-ray equipment. This will allow team members to clear calls in minutes that currently require hours.

State and Regional Impact

The responses in this section should be consistent with the following:

1. CBCOG Top 5 Priority
2. Threat and Hazard Identification and Risk Assessment (THIRA)
3. State Preparedness Report
4. Homeland Security Strategic Plan Implementation Plan (regional projects)
5. Homeland Security Strategic Plan for Texas (state projects)

Which CBCOG Top 5 Priority applies to this project? 3

How does the project support the priority? This project will enhance the regional bomb squad’s speed and accuracy when responding to calls. The project will provide a man-portable X-ray system for each bomb technician, which will allow the techs to look inside of a bomb and determine the best way to safely dismantle it. The systems will also make it possible to see inside objects such as backpacks left unattended at public

events. This allows a bomb squad to do a faster and more complete search to find IEDs before they explode and cause injury.

Describe the threats and hazards that create the need for the project. Include reference to page(s) of regional THIRA, if applicable:

THIRA Page(s)	Description of Threats and Hazards
2	Human Caused – Explosive Devices (IED, VBIED, SBIED)

Describe the capability gap(s) which will be addressed by the project. Include reference to page(s) of regional SPR, if applicable:

SPR Page(s)	Description of Capability Gaps
25-27	Screening, Search, and Detection Core Capability- Equipment
69-70	On-scene Security and Protection Core Capability- Equipment

Explain how the project will reduce the capability gap(s): The project will equip all bomb squad members with current X-ray technology. Currently, the squad has one large unit that must be staged at the substation and can only be brought out with the large response vehicle. Portable X-ray systems will provide faster response times and enhanced safety to the public and bomb technicians.

Describe existing capability levels and what is or will be in place to support the investment prior to the use of these grant funds if awarded: All Members of the bomb squad are trained on how to use and maintain X-ray equipment. Each member of the squad has a department issued take-home unit. The requested equipment will be carried with each technician in the department vehicle. It will be accessible for quick deployment at any time or location.

Explain the long-term approach to sustaining the capabilities developed by this project to include the need for future grant funding, if applicable: This equipment will not require any further funding. The system comes with all parts needed to be functional for many years. Any small costs for things such as batteries or minor repairs will be paid for out of the department's normal budget.

Provide an explanation of the regional and/or statewide impact of this project: The Corpus Christi Police Department Bomb Squad is a regional response team that covers an area of South Texas that is 30 counties wide. This equipment will help the bomb squad collect evidence, search for, detect, and interdict CBRNE devices from terrorist attacks. The portable X-ray systems will also provide faster response times, which will greatly increase capabilities that will be available to all of the cities and counties in the 30 county-wide areas.

BUDGET LINE ITEM DETAILS

QTY/% OF SALARY	ITEM DESCRIPTION	COST EACH	TOTAL COST
4	FPX NANO X-Ray System With Source	\$42,720.39	\$170,881.56
TOTAL PROJECT COST		\$ 170,881.56	

ATTACH ESTIMATED QUOTE(S)**2013-2015 HOMELAND SECURITY GRANT HISTORY**

YEAR	GRANT	PROJECT DESCRIPTION	AMOUNT AWARDED	COMPLETE Y/N
2013	SHSP	S01 CBCOG City of Corpus Christi Regional Response Teams Support and Training Project	\$39,360.02	Y
2013	SHSP	P05 CBCOG City of Corpus Christi MMRS Planning	\$37,843.38	Y
2013	SHSP	P02LE SHSP CBCOG City of Corpus Christi Regional Bomb Squad Equipment	\$20,890.48	Y
2013	SHSP	S02 CBCOG City of Corpus Christi EOC Video Screens	\$28,713.69	Y
2013	SHSP LETPA	P02LE CBCOG City of Corpus Christi Regional Bomb Squad Equipment	\$38,598.00	Y
2014	SHSP	P10 Corpus Christi Hazmat Equipment	\$59,208.82	N
2014	SHSP	S01 Corpus Christi EOC Equipment	\$28,080.27	Y
2014	SHSP	S02 Corpus Christi MMRS Planning	\$20,427.59	Y
2014	SHSP	S04 Corpus Christi Search and Rescue Equipment	\$53,448.32	Y
2014	SHSP LETPA	P01LE Corpus Christi Dive Team Training	\$50,028.00	N
2014	SHSP LETPA	P03LE Corpus Christi Bomb Squad Equipment	\$23,207.00	Y

Provide an explanation for each project not completed:

2014 SHSP: Air Monitoring Filters are on-order. Full amount of award was not used.

2014 SHSP LETPA: Full amount of award was not used.

2015 HSGP: Fund holds exist for 2015 projects. Purchasing process will begin as soon as holds are removed.