



COUNTY ADMINISTRATOR
220 NORTH MAIN STREET, P.O. BOX 8645
ANN ARBOR, MICHIGAN 48107-8645
(734) 222-6850
FAX (734) 222-6715

TO: Conan Smith
Chair, Ways & Means Committee

THROUGH: Robert E. Guenzel
County Administrator

FROM: Marc C. Breckenridge
Director, Emergency Management

DATE: January 21, 2009

SUBJECT: 2007 Homeland Security Grant Program Agreement

BOARD ACTION REQUESTED:

It is requested that the Board of Commissioners ratify the County Administrator's signature on the State of Michigan 2007 Homeland Security Grant Program Grant Agreement in the amount of \$1,213,986.22 for the period of July 1, 2007 to March 31, 2010 and delegate contracts.

BACKGROUND:

Washtenaw County has received Federal pass-through funds supporting Emergency Management operations since 1979. These funds are budgeted by the United States Department of Homeland Security and are passed through the states to local jurisdictions meeting strict capability requirements in the areas of emergency preparedness, planning, response and disaster recovery. Washtenaw County's Emergency Management program exceeds all prerequisites.

Since 2001, Washtenaw County has directly received approximately \$3,044,296 in Homeland Security grant funds for response equipment, public safety training, enhanced emergency planning and coordination, and disaster exercise operations. Over the past two years, Washtenaw County took part in a pilot regional grant fiduciary project facilitated by Oakland County and led by a regional board of directors. During this regional arrangement, Washtenaw County received approximately an additional \$1,500,000 to fund locally beneficial projects. However, it became clear that even Oakland County could not keep up with the demands of such a diverse multi-jurisdictional \$15 Million grant program, so regional partners and the State of Michigan decided to return to awarding the majority of grant funds directly to the counties.

DISCUSSION:

The performance period established for the grant is July 1, 2007 through March 31, 2010. Clearly, the performance window began long before this grant was received by the state. This is a significant ongoing problem at the federal level and is one that we will continue to address for future grant cycles.

This grant provides \$250,000 for Homeland Security planning and project management staffing in the Emergency Management Division and \$963,986 in reimbursement funds for preparedness and response capability enhancement projects. The projects, detailed below, have been thoroughly reviewed by the Homeland Security Task Force and are unanimously recommended to the Board of Commissioners:

Washtenaw County Geographic Information Systems - \$203,593

Washtenaw County GIS will be obtaining Light Detection and Ranging (LiDAR) elevation data in fall of 2008. LiDAR is a technology that allows very accurate (+/- 6-inch) elevation values to be obtained for every square meter of the county. The data can be used in many applications aimed at public safety and emergency preparedness including 3-D visualization of buildings, accurately modeling flood events and dam failures, line of sight analysis for event planning and tactical response, and disaster recovery. This request is to secure funding for LiDAR data processing that provides enhanced capabilities for disaster planning and analysis and to allow for better strategic and operational decisions utilizing this three-dimensional visualization.

Washtenaw County Sheriff Dive Team - \$73,000

Personal Protection Equipment is requested for Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) Dive response. Specifically, helmets and suits are necessary to completely encapsulate divers in the underwater environment. This fundamentally increases responder safety by offering the protection of a completely enclosed helmet, which is a capability not currently afforded to any other response team in the region. Also included is the cost of an appropriate training program dedicated to proper equipment use, as well as a trailer for the transportation and storage of this and other CBRNE Dive Response equipment currently in use.

Washtenaw County Chapter of the American Red Cross - \$27,500

The Washtenaw County Chapter of the American Red Cross responds to over 60 small disasters annually in Washtenaw County, and is capable of responding to more significant events locally and across the nation. When responding to large-scale disasters, communications and interoperability issues are often noted as the most significant limiting factor in managing a successful and coordinated operation. This request is for eight handheld two-way radios with supporting hardware and programming for use on the Michigan Public Safety

Communications System, as well as the current Washtenaw County public safety radio system. The primary purpose for these radios is to allow the Red Cross to be fully interoperable with other response agencies throughout the county when responding to disasters.

Washtenaw County Technical Rescue Team \$135,000

The Washtenaw County Technical Rescue Team is very near to becoming capable of response to trench and building collapses, in addition to rope and confined space rescues. This team was developed with intentions to respond to emergencies throughout Washtenaw County as well as southeastern Michigan as part of the Region Two Collapse Rescue Mutual Aid Agreement. Coupled with equipment previously purchased, this request for a wide range of rescue equipment and various rescue tools will assist the team in meeting its goal of being totally operations-level capable in 2009.

Washtenaw County Hazardous Materials Response Team - \$186,750

The Washtenaw County Hazardous Materials Response Team is requesting funding to support the replacement of old and outdated equipment, while supplementing response efforts with newer capabilities. Some response equipment has become difficult to maintain, with some manufacturers going out of business, and replacement parts scarcely found. Additionally, there is a recognized need for updated capabilities to be added to our response platform. Material identification and monitoring support offered by newer products significantly increases safety for both communities impacted by an emergency or disaster, and the responders tasked with removing the threat. These additional capabilities would afford Washtenaw County a significantly enhanced response to both hazardous materials incidents and acts of terrorism.

Washtenaw County Mobile Field Force Team - \$59,400

The Washtenaw County Mobile Field Force Team is comprised of police officers from several different agencies across the County who currently possess several different types and sizes of holsters and batons due to the different types of weapons each department mandates. The implementation of standardized equipment will allow officers not only to function more effectively while responding to civil unrest incidents, but will allow the team to meet local, state, and federal safety guidelines and implement a standardized equipment training regimen for team members (\$16,400). Continued collaboration between agencies and growth within the team necessitates further training to ensure that all members are prepared for an incident requiring a response. A full-scale exercise will test response capabilities in a real-time environment while promoting enhanced techniques and the use of newly acquired equipment (\$43,000).

Ann Arbor Public Works - \$20,000

The Ann Arbor Public Works Department requests emergency scene lighting equipment, which consists of a portable area illumination system with generator. The system will be capable of providing glare free lighting for on-scene investigation, triage, and staging areas during night operations or in areas with insufficient ambient light. Currently, first responders have to rely upon fire trucks to provide adequate scene lighting. The purchase of this Department of Homeland Security approved equipment will enable large emergency response vehicles to work in more useful capacities and allow first responders to work more efficiently and effectively at night.

Ann Arbor Police – Tactical and Hostage Operations - \$48,984

The Ann Arbor Police Department Special Tactical Unit (“STU”) requests several miniature microphones & receivers which can connect to existing 800 MHz analog radios and proposed 800MHz digital radios. The equipment will improve interoperable communication during large scale and/or high profile events (\$8,750). The STU is also the only one in Washtenaw County trained and equipped to operate in a hazardous environment, however insufficient numbers of Self-Contained Breathing Apparatus have limited the team’s response capabilities. The STU requests additional SCBA and related components to allow for the entire team to be fully equipped in order to be fully WMD and HazMat response capable (\$35,750). The Ann Arbor Hostage Negotiations Unit requests a Universal Bluetooth Link for an audio bridging and teleconferencing device. This new technology will enable a cell phone to be paired with the existing Hostage/Crisis Negotiations Communication System (\$985). And last, the Hostage Negotiations Team requests a Wireless Remote Audio Perimeter Sharing (“WRAPS”) system for crisis response management, hostage/barricade situations, and surveillance/intelligence audio sharing. The equipment will allow multiple users to talk, listen and discuss response strategies within a 1000 foot perimeter of the incident allowing for much improved on-scene coordination (\$3,499).

City of Ann Arbor Safety Services - \$8,250

The City of Ann Arbor’s supply of Air Purification Respirators for public safety personnel has been depleted since they were originally purchased due to real-life responses and training exercises. Those experiences have also served to identify additional local responders that should be equipped with their own APR gas masks. Acquisition of additional protective equipment will replenish the existing supply and enhance the safety of all response personnel.

Ann Arbor Hazardous Materials Team - \$45,261

The Ann Arbor Hazardous Materials Team is seeking to add several new capabilities in their response to HazMat or terrorist incidents. Foremost is a non-

invasive blood monitoring system used to detect carbon monoxide and hydrogen cyanide which may be present in a victim's blood stream (\$12,500). Additional needs have also been identified in the area of radiation detection. Requested is a portable handheld device which can detect and identify any radiation source, allowing responders to quickly identify if radiation is present and develop strategies to effectively respond to and recover from such an incident (\$17,770). The Team also seeks a tripod-mounted portable weather station to provide wind speed and direction, air temperature, relative humidity, barometric pressure and GPS to interface with existing plume modeling software (\$14,991).

Ann Arbor Fire – Urban Search and Rescue Team - \$60,000

The Ann Arbor Urban Search and Rescue Team requests to purchase a used heavy tow vehicle that will be used to tow one of two Ann Arbor Technical Rescue trailers, as well as assist in the loading and unloading of heavy equipment (i.e. support beams and boards). The City of Ann Arbor Fire Department is in charge of technical rescue for the City of Ann Arbor (including the University of Michigan campus) and serves as a back-up to Washtenaw County's Urban Search and Rescue team. The City's current tow vehicle is outdated and does not comply with the Michigan Motor Vehicle Code as it relates to towing standards (\$45,000). Also, the team's current ropes and harnesses are old and not in full compliance with National Fire Protection Association code 1983. The purchase of new ropes and related equipment would allow for the team to be in compliance with these regulations and provide the resources needed to respond to and recover from an emergency or disaster that requires rope rescue activities (\$15,000).

City of Ann Arbor Emergency Management - \$25,000

The Ann Arbor Emergency Operations Center is the central command center for emergency and disaster response in the City of Ann Arbor. It is critical that the EOC be equipped with technological equipment that will support the EOC staff in the performance of their duties. Wireless laptop computers, an additional overhead projector, desktop printer system, and digital camera system are requested to greatly enhance the ability of EOC staff to coordinate and direct emergency response efforts.

Washtenaw County Emergency Management Division - \$6,000

Situational awareness in the Washtenaw County Emergency Operations Center during crisis events is an essential component for effective response management and security for such a critical facility. This request is for the purchase and installation of a tower-mounted camera on the public safety radio tower at the Service Center facility to enhance the EOC's situational surveillance capabilities.

University of Michigan Hospitals - \$1,907

Traffic bollards are a proven and cost-effective means to control traffic and limit vehicular access to restricted areas. The University of Michigan requests a cache of portable bollards to restrict traffic flow on hospital grounds as necessary, allowing additional public safety personnel to perform more critical duties.

Countywide WMD Training Initiative - \$63,341

This project will assist local agencies with meeting Weapons of Mass Destruction (WMD) and other incident management training requirements established by the National Incident Management System (NIMS) integration center, as applications for training needs are reviewed and approved by the Homeland Security Task Force throughout the performance period of the grant.

Once the Board of Commissioners approves this grant, each tentative project will be submitted to the Michigan State Police Emergency Management and Homeland Security Division for federal guideline compliance review prior to the implementation.

IMPACT ON HUMAN RESOURCES:

None. The Emergency Management Director will continue to act as the Homeland Security Director under the existing Emergency Management Performance Grant. Our two Emergency Planning Assistants, currently funded under the 2006 regional grant until February 2009 will transition to the new \$250,000 staffing allocation and continue to provide project management, committee staff support, liaison with state and local officials, and local preparedness and response planning.

IMPACT ON BUDGET:

This grant will reimburse 100% of the salary and fringe benefit expenditures for both Emergency Planning Assistants through the grant performance period. The next two homeland security grants have already been funded at the national level and are currently under DHS review for rollout to states and local jurisdictions later in 2009.

Upon grant adoption and State review of the fifteen capability enhancement projects, the Washtenaw County Homeland Security Task Force will establish and maintain project oversight. The Emergency Management Division will act as fiduciary for all projects approved and must remain the title holder of all equipment purchased for three years. Should transfers of equipment ownership become appropriate in the future under cooperative agreement, such actions would follow the guidance of Washtenaw County's Corporation Counsel and the Finance Department.

IMPACT ON INDIRECT COSTS:

None.

IMPACT ON OTHER COUNTY DEPARTMENTS OR OUTSIDE AGENCIES:

The Homeland Security Task Force is a strong collaboration of public safety and health officials from across Washtenaw County. The projects recommended here will continue to enhance the ability of law enforcement, fire services, EMS, local governments, and emergency managers to effectively respond to acts of international or domestic terrorism and to any other community emergency that may occur.

CONFORMITY TO COUNTY POLICIES:

This request conforms with County policy and the Emergency Management resolution.

ATTACHMENTS /APPENDICES:

Budget for Homeland Security Grant Program

State of Michigan 2007 Homeland Security Grant Agreement

A RESOLUTION AUTHORIZING THE COUNTY ADMINISTRATOR TO SIGN THE 2007 HOMELAND SECURITY GRANT PROGRAM AGREEMENT WITH THE STATE OF MICHIGAN FOR THE PERIOD OF JULY 1, 2007 THROUGH MARCH 31, 2010 IN THE AMOUNT OF \$1,213,986.22 TO REIMBURSE WASHTENAW COUNTY FOR APPROVED HOMELAND SECURITY PLANNING, TRAINING, AND EQUIPMENT EXPENSES; AND AUTHORIZING THE ADMINISTRATOR TO SIGN THE DELEGATE CONTRACTS

WASHTENAW COUNTY BOARD OF COMMISSIONERS

February 4, 2009

WHEREAS, Washtenaw County has received pass-through funds supporting Emergency Management operations since 1979; and

WHEREAS, Washtenaw County has received homeland security grant funds to purchase Weapons of Mass Destruction response equipment, enhance emergency planning and coordination, improve disaster exercise design and participation, and for local hospitals and public health preparedness activities since 2001; and

WHEREAS, the United States Department of Homeland Security has created these pass-through grants to reimburse Emergency Management jurisdictions, through state agencies, for approved homeland security project expenses; and

WHEREAS, Washtenaw County's 2007 grant award is \$1,213,986.22 for approved homeland security projects that will continue to substantially improve our response capability; and

WHEREAS, the Washtenaw County Homeland Security Task Force has developed and unanimously recommended fifteen projects to enhance Washtenaw County's preparedness for acts of international and domestic terrorism, and emergencies in general; and

WHEREAS, the Emergency Management Division in conjunction with the Homeland Security Task Force will administer this grant; and

WHEREAS, this matter has been reviewed by Corporation Counsel, Human Resources, the Finance Department, the County Administrator's office, and the Ways & Means Committee

NOW THEREFORE BE IT RESOLVED that the Washtenaw County Board of Commissioners hereby authorizes the County Administrator to sign the 2007 Homeland Security Grant Program Agreement with the State of Michigan for \$1,213,986.22 for the period of July 1, 2007 through March 31, 2010; and

BE IT FURTHER RESOLVED that the Board of Commissioners authorizes the Administrator to sign delegate contracts in conformity with the application/award upon review of Corporation Counsel, to be filed with the County Clerk.

1. Authorizing the Administrator to sign the Notice of Grant Award
2. Amending the budget, as attached hereto and made a part hereof
3. Authorizing the Administrator to sign the delegate contracts in conformity with the application/award upon review of Corporation Counsel, to be filed with the County Clerk

Emergency Management – Homeland Security
July 1, 2007 to March 31, 2010
Homeland Security Grant
BU 1950075600

<u>Revenue</u>	Original	Revised	Variance
50000 Federal Revenue	\$ -	\$ 1,213,986	\$ 1,213,986
 <u>Expenditure</u>			
70050 Personal Services	\$ -	\$ 248,463	\$ 248,463
72600 Supplies	\$ -	\$ 303,741	\$ 303,741
80000 Other Services	\$ -	\$ 353,271	\$ 353,271
<u>95000 Capital Outlay</u>	<u>\$ -</u>	<u>\$ 308,511</u>	<u>\$ 308,511</u>
Total	\$ -	\$ 1,213,986	\$ 1,213,986