

**ADAMS, BROOMFIELD, JEFFERSON COUNTIES  
CONSOLIDATED HOMELAND SECURITY  
GRANT FUND REQUEST**

**EQUIPMENT REQUESTS**

Category	Amt	Item	Unit Cost	Total Cost	Agency/ies
<b>PRIORITY #1</b>	<b>PERSONAL PROTECTIVE EQUIPMENT</b>				
	1	Port a count	7700.	7700.	Adams/Jeffco Haz Mat
	70	Air Packs	4500.	315000.	Wheatridge et.al
<i>(see attachment)</i>	183	PPE Bags			Adams/ Jeffco Haz Mat
	36	Power Air Purifying Respirator	650.	23400	Adams/Jeffco Haz Mat
	50	NTC 40 ML Cartridge	25.	1250.	Brighton
	50	MPC Cartridge	14.	700.	Brighton
	3	Kevler Cut Resister Over Gloves	70.	210.	Adams/Jeffco Haz Mat
	30 cs	Blue Limited Coverall 3XL	135.	4050.	Adams/Jeffco Haz Mat
	4	Blue Limited Show Cover - 400			Adams/Jeffco Haz Mat
	6	Disposal Towel Cartons	80.	480.	Adams/Jeffco Haz Mat
	1000	Blankets	7.50	7500.	Adams.Jeffco Haz Mat
<b>PRIORITY #2</b>	<b>DETECTION EQUIPMENT</b>				
	6	Environ. Sampling Kit	500.	3000.	Broomfield 2 for Region 7
	2	Microtox Analy. System	20100.	40200	Broomfield 2 for Region 7
	1	R.T.R.4 Real Time Xray			
	1	Fiber Optic Kit			
	50	Dosimeters			
	1	EOD Field Inspector	25235.	25235	Adams SO
	2	Thermo-Electron Travel Syst.	50000.	100000.	Adams/Jeffco Haz Mat
	1	Drager CDS (5 tubes)	2950.	2950.	Adams/Jeffco Haz Mat
<b>PRIORITY #3</b>	<b>COMMUNICATION EQUIPMENT</b>				
<i>(see attachment)</i>	13 31	Interagency Information System Regional Emergency Managers	1135	14755. Or 35185.	3 County or Region 7 EOC's
	35	I.C.I.R Cables	170	5950.	3 Counties interoperability
	1	Stargate Controllor		300000.	Westminster Dispatch
	2	Hardwire Satellite Phones	1,500.	3000.	
	1	Generator			
<i>(see attachment)</i>	13	Ham Radio Sets	3000.	39000.	County / City EOC's
	12	Scott Envoy Communication sys	800.	9600.	Adams/Jeffco Haz Mat
	12	Scott Voice Amplifiers/Adapters	290.	3480.	Adams/Jeffco Haz Mat
	12	Envoy Communications Syst.	800.	9600.	
<i>(see attachment)</i>	120	800 MHz Handheld Radios	2792.	335040.	Multiple Jurisdiction
	12	800 MHz Mobile Radios	3000.	36000.	Genesee Fire Rescue TCHD
	15	Video Conf. Systems (EOC's)	8334.	125000.	County/City EOC's
	1	Portable P.A. System	1200.	1200.	Adams/ Jeffco Haz Mat
	15	800 MHz Radio Batteries	103.	1545.	Brighton
	41	800 MHz Battery Chargers	118.	4838.	Brighton

<b>PRIORITY #4</b>	<b>DECONTAMINATION EQUIPMENT</b>				
	1	Sandia Solution Foam Cart	4250.	4250.	Adams.Jeffco Haz Mat
<b>PRIORITY #5</b>	<b>MISCELLANIOUS EQUIPMENT</b>				
	1	ARGO 8X8 ATV	12000.	12000.	
	1	X ray Equipment			Lakewood Marshals
	1	Magnatometer	25000.	25000.	Lakewood Marchals
	6	Interoperable EOC Software	5000.	30000.	Counties& Cities
	2	Forensic Video Assess. Syst.	25000.	50000.	Broomfield / Adams SO
<i>(see attachment)</i>	1	EOD Response Vehicle	150000.	150000.	Jeffco
<i>(see attachment)</i>	1	Bomb Range Site Development	75000.	75000.	Jeffco SO
<i>(see attachment)</i>	2	Explosives Magazines	10000.	20000.	Jeffco SO
<i>(see attachment)</i>	3	Portable Video Surv. Equip.	25000.	75000.	Three Counties
	200	Cipro dosages	40.	8000.	Broomfield
	100	Atropine dosages	600.	600.	Broomfield
	1	MK 1 Auto inject			Broomfield
	1	Neducak Equipment Trailer			Tri County Health
	4	Bomb Detection Canine	12000.	48000.	Thornton, Jeffco
<i>(see attachment)</i>	1	Mobile Decon Trailer			Adams SO
<i>(see attachment)</i>	2	Mobile Comm. Vehicle	450000.	900000.	Lakewood / West Metro Westminster PD

### TRAINING REQUEST

<b>Category</b>	<b>Description</b>	<b>Total Cost</b>	<b>Agency/ies</b>
P.P.E.	Standardized use training for PPE	60500.	Adams/ Jeffco Haz Mat
I.C.S.	IMG / ICS Training	40000.	Three Counties

### EXERCISE REQUEST

<b>Category</b>	<b>Description</b>	<b>Total Cost</b>	<b>Agency/ies</b>
Multi-Casualty	Full Scale Exercise - Multi jurisdiction	50000	Adams, Broomfield ,Jeffco

## ATTACHMENTS

- \* **Emergency Management Interagency Information System:**
- |                            |          |
|----------------------------|----------|
| All EOC's 3-County Region= | \$14,755 |
| All EOC's Region 7         | \$35,185 |
- System will provide rapid distribution of critical decision making information to local emergency managers in the Denver Metro area.
  - System will be expandable and could potentially provide the same data to all emergency managers in the State of Colorado.
  - All emergency managers in the region would receive the same information in the timeliest manner possible.
- \* **ARES Equipment for EOC's:**
- |   |               |
|---|---------------|
| 1 - Kenwood TM-V7A Dual Band VHF/UHF Transceiver              | \$399.95      |
| 1 - Kenwood TM-G707A Dual Band VHF/UHF Transceiver            | \$269.95      |
| 1 - Kenwood TS-50S HF Transceiver                             | \$649.95      |
| 1 - Kantronics KPC-3Plus VHF/UHF Terminal Node Controller     | \$169.95      |
| 2 - Aston RS-35A 13.5 VDC 35 amp. power supply                | \$299.90      |
| 1 - Comet HVU-8 HF/VHF/UHF Vertical Antenna                   | \$349.95      |
| 1 - Kenwood MC-60A Desk Microphone                            | \$139.95      |
| 1 - Traveler Headset  | \$89.95       |
| 1 - Radio Shack TRC-446 CB Transceiver                        | \$99.95       |
| 1 - Radio Shack Magnet-mount CB Antenna                       | \$29.95       |
| 2 - West Mountain Radio RigRunner #4005 13.5 VDC power strips | \$119.90      |
| 2 - Conext 700 VA UPS/Surge Protector                         | \$179.90      |
| 1 - Miscellaneous equipment, cable, filters, software         | \$200.00      |
| <br>Total   | <br>\$2999.30 |
- \* **MOBILE DECONTAMINATION TRAILER**

In the event of a WMD/Terrorist incident that impacted the Adams County Jail, a facility of 1100 inmates and staff of 247, a Mobile Decontamination Trailer would be a necessary item. If the inmate population or even a fraction of it were exposed to an incident such as this, we would currently have to transport them out of the facility into the community. A Mobile Decontamination Trailer could be based a placed within the secure area of the facility's perimeter fence. Decontamination procedures could then be done in a secure environment. If the not needed at the Jail at the time, the Mobile Decontamination Trailer could also be utilized to assist other agencies/jurisdictions in the region.

Estimated Cost: \$40,000. This cost is based on the estimated cost of a local Fire Department building their own.

\* **PERSONAL PROTECTION EQUIPMENT (WMD RESPONSE BAGS)**

The commissioned staff of the Jail Division in the Adams County Sheriff's Office is a valuable resource for our first responders and other jurisdictions as a back-up or supplemental force of officers to respond to a major disaster. Whether it is a WMD or other terrorist related incident, deputies in the Jail would be called upon to respond to these incidents as first responders.

They are obviously first responders of an incident occurring inside or in the immediate area of the Jail or at or in the immediate area of the Criminal Justice Center (Courthouse).

\* **E.O.D. Response Vehicle \$150,000**

The Jefferson County Sheriff's EOD Unit needs a response vehicle that provides enough storage and work space to perform their duties proficiently. The vehicle must be capable of towing the bomb disposal trailer safely and must provide secure storage for explosives and expensive, delicate equipment. The existing EOD response vehicle is over the gross vehicle weight with all the equipment on board and the box leaks water. This current response vehicle can not then safely tow the bomb disposal trailer. It also lacks adequate security for current equipment and space to deploy this equipment safely. A new vehicle would be designed based on the federal guidelines for EOD Response Vehicles and serve a large regional community.

**Development of a New Regional Bomb Range**

**\$75,000**

Jefferson County has an existing piece of land that can be used for the new Regional Bomb Range. The request would pay for the site development, security fencing, alarm equipment and the remodeling of several existing buildings.

**Explosive Storage Magazines (2)**

**\$20,000**

The EOD Unit Regional Bomb Range is being forced to move from its current location and will lose the use of their existing storage magazines for explosive ordinance and evidence. The EOD Unit needs to purchase two new explosive storage magazines to meet the immediate storage needs of all agencies that currently use the existing Regional Bomb Range. The package includes a Case Model #640 and a Case Model #144 magazine.

**Bomb Detection Canine**

**\$12,000**

The number of requests for explosive detection canines has increased dramatically since the events of 9/11 and we can anticipate these requests will remain high as the public continues to deal with Homeland Security issues. The request includes the cost to purchase a fully trained explosive detection canine.

The Jefferson County Courts and Administration Building serves the entire population of the county with most county agencies and elected officials having office space in the building. It also houses the 25 magistrate, county and district courts. The Jefferson County Sheriff's Office is responsible for security of this building and the surrounding campus that includes several other county buildings, a public utilities building that serves a six state regional area and a U. S. Post Office Center. These buildings are just a few of several potential targets that through a countywide vulnerability assessment have been identified as having special security concerns. The below listed request will allow us to address some of these security issues especially when threat levels are elevated and manpower is at a premium.

**Portable Video Surveillance Equipment**

**\$75,000**

**(3 Units – one for each county / \$25,000 each)**

These systems are the state of the art video cameras, transmitters and receivers that use microwave signals to transmit video images that can be viewed and controlled using a MTC Notebook computer. This video equipment will be used to assist in drug enforcement activities as well as monitoring of sensitive targets identified through a county vulnerability assessment.

DTC Communications – VUBO-VMS-2000-01 Top Hat with Sony Camera enclosed in a utility box - Includes aVML/VMS-2000 .25/2W video transmitter. The package also has a DTC-MPX-800 MiniPix System with a MTC Pentium 4 Notebook

\* **VIDEO CONFERENCING SYSTEMS FOR EOC'S**

A video conferencing system connecting multiple Emergency Operations Centers (EOC) would allow emergency managers to see and hear each other and enable jurisdictions in making pertinent decisions for actions and the needed resources. Documents, files, maps and other information can be shared and coordinated with all jurisdictions with this system. The video conferencing capability would enhance the communications, coordination and collaboration among multi-jurisdictions. Many decisions for safe course of action have to be quickly made by multiple jurisdictions, and this conference would allow for quick communications.

\* **Agency: Tri-County Health Department**  
**Primary Point of Contact: Thomas J. Butts, MSc.**  
**Position / Title: Emergency Management Coordinator**

**Address: 7000 E. Belleview Avenue, Suite 301**  
**Greenwood Village, CO 80111**

**Telephone: 303-220-9200**  
**Fax: 303-220-9208**  
**E-Mail: Butts@tchd.org**

### **Current Capabilities:**

Tri-County Health Department (TCHD) maintains about 40 awareness level and 9 operations level trained personnel. Additionally, agency staff includes: public health nurses, medical assistants and other staff that regularly have patient / client contact. Current equipment and training often limits our response to recognition, limited intervention, interagency liaison and minimal decontamination assistance.

### **Goals and Objectives:**

The resources requested will enable our agency to continue to enhance the level of response provided to the communities in Adams, Arapahoe and Douglas Counties (approximately 1,300,000 population) and across the state via mutual aid agreements during provision of all public health services necessary in disaster response and recovery operations.

To establish and operate multiple functional units focused on epidemiological investigation, decontamination assistance and mass medication distribution in coordination with Colorado Department of Public Health and Environment (CDPHE) other local response agencies, OEMs, hospitals and others.

#### **TCHD EMERGENCY RESPONSE GOALS:**

- Review and update the Emergency Preparedness Manual bi-annually.
- Practice and train all Agency staff on the use of the Manual and the procedures it contains or references.

- Conduct annual staff training exercises, including training with outside agencies.
- Send appropriate staff to National level training seminars/programs annually.
- Obtain representation from each Division (Environmental Health, Nursing, Business Office, Administration, etc.) on the team.
- Provide Incident and Unified Command Training for all staff (at an appropriate level).
- Continue as a fully functional part of the Health Alert Network, including designation of appropriate uses (and annually review the Network).
- Identify appropriate outside training opportunities and share them with staff.
- Annually review County/City Disaster and Emergency Response Plans and annexes to determine their expectations of TCHD.
- TCHD actively participated in an Aurora exercise on June 2, 2002 to evaluate a coordinate response and the MMRS plans and will continue to work with other agencies on the continued refinement and implementation of the Denver / Aurora MMRS.

#### **Prioritization:**

*TCHD priorities identified after participation in TOPOFF 2000 and during emergency planning efforts during the past two years include: Appropriate communication equipment to facilitate communication internally (e.g. at a point of medication distribution) and externally with first response partners (sheriffs offices and fire departments) and CDPHE; Appropriate type and quantity of PPE for staff conducting investigations, doing decontamination and providing prophylaxis; Appropriate equipment to assure safety of staff and patients via screening for chemical and radioactive contamination hazards and the ability to support other agencies providing decontamination.*

#### **Equipment Request:**

DHSFISCAL  
YEAR 2003  
EQUIPMENT BUDGET  
DETAIL WORKSHEET

#### **COLORADO**

EQUIPMENT	
TOTAL	\$

Jurisdiction: Tri-County  
Health Department

Equipment	Catagory	Item	Quantity	Unit Cost	Public Safety Discipline
Personal Protective Equipment	3	Color Coded Arm Bands	200	5.00	Tri-County Health Department
	3	Large Equipment Duffle bags / Totes	21	25.00	Tri-County Health Department
	3	N95 Respirator masks	420 (2 cases)	240.00/case	Tri-County Health Department
Interoperable Communication Equipment					
	7	Ham Radio System for EOC	1	800.00	Tri-County Health Department
	7	Blackberry / Nextel PDA and Telephone	10	500.00	Tri-County Health Department
	7	Motorola XTS 5000	6	3,700.00	Tri-County Health Department
	7	Electronic videoconferencing / satellite downlink system w/antenna for CDC response coordination Tandberg 6000	1	34,000.00	Tri-County Health Department
Detection Equipment					
	8	TVA-1000B Combination PID / FID	1		Tri-County Health Department

CBRNE Logistical Support Equipment					
	12	PPE Equipment Trailer with Hitch	2	4,700.00	Tri-County Health Department
	12	265204U IBM ThinkPad A31 with Global Cell, PCAnywhere & Carrying Case	1	1,996.00	Tri-County Health Department
	12	Complete Site Badging System with additional badges	5	3,000.00	Tri-County Health Department



	12	MIMIO Digital Meeting Assistant/Recorder	1	575.00	Tri-County Health Department
	12	Portable Digital Voice Recorder	1	100.00	Tri-County Health Department
	12	Sign Kits for Mass Clinic Operations	5	200.00	Tri-County Health Department
	12	Power Inverters	3	100.00	Tri-County Health Department
	12	Mobile Emergency Generators	3	600.00	Tri-County Health Department
Medical Supplies & Pharmaceuticals					
	14	Ciprofloxin PO	100	50.00	Tri-County Health Department
CBRNE Reference Material					
	15	Control of Communicable Diseases Manual, 17 <sup>th</sup> Edition	12	22.00	Tri-County Health Department & Elbert County
	15	Disaster Field Manual for Environmental Health Specialists	10	25.00	Tri-County Health Department and Elbert County
	15	Red Book 2002 (American Academy of Pediatrics)	5	70.00	
	15	CDC Epidemiology and Prevention of Vaccine Preventable Disease	2	50.00	
	15	Dorland's Medical Dictionary	1	70.00	
	15	Dorland's "pocket" Medical Dictionary	3	45.00	
	15	Mosby's Diagnostic & Laboratory Tests	1	75.00	
	15	Physicians Desk Reference	1	90.00	
	15	Mechanisms of Microbial Diseases	1	50.00	
	15	Epidemiology	1	40.00	
	15	Field Epidemiology		50.00	
	11	Survey Research Using the SAS System		38.95	
		Applied Statistics and the SAS Programming Language	1 each	41.33	
				69.95	

		Logistic Regression Using the SAS System: Theory + Application			
	11	GIS for Everyone, third edition The ESRI Guide to GIS Analysis Getting Started with ArcGIS Inside ArcView GIS 8.3	1 each	19.95 29.95 29.95 34.97	

## **Exercise Proposal:**

TCHD proposes to work with the Office of Preparedness, Security and Fire Safety (OPSFS), Colorado Office of Emergency Management (OEM) the Colorado Department of Public Health and the Environment (CDPHE) and Front Range Health Department Emergency Preparedness (EP) partners/professionals in developing a regional training program. The effort will include multi-agency partners such as the State of Colorado and the Counties of Adams, Arapahoe, Douglas, Boulder, Denver, Elbert, Jefferson, Larimer, Pueblo, Broomfield and Weld.

The Purpose of the exercise is to involve many emergency response elements within the community, to evaluate our local capacity to identify a suspected WMD Bioterrorism incident. Additionally, this exercise will allow for each agency to evaluate regional abilities to communicate and work with other response jurisdictions and to evaluate local capacity for implementing a Point of Distribution (POD).

The Goals of the exercise would be to:

- Evaluate our Emergency Preparedness Plans,
- Evaluate our Surveillance Programs,
- Evaluate our Consequence Management capacities,
- Evaluate our Communication systems,
- Evaluate our Mutual Aid Agreements,
- Evaluate our ability to implement a POD.

The exercise activities will include first having:

1. An individual Department exercise
2. A multi-agency exercise

Each would test the local disease surveillance systems capacity to detect a WMD agent through tabletop exercises provided to each county. The exercises will test communication with Local, State and Federal agencies and simulate access to the National Pharmaceutical Stockpile (NPS). The exercise will evaluate the local

ability to communicate health risk information and improve our individual and state programs.

### Implementation

This local capacity building exercise for the OPSFS and Front Range community will be a yearlong planning endeavor that will culminate in three exercises. The first two will be tabletop exercises, the first of which will take place in each individual county. The first exercise will be devoted to the surveillance system of gathering and tracking (within the health agencies) community disease incidence information and identifying causative agents. The second tabletop would be devoted to the communication of this disease information to the OPSFS, OEM and CDPHE, obtaining access to the NPS and developing a consequence management plan for each county. The third exercise would be the implementation of a Mass Medication Dispensation Center at each county requiring a significant amount of interagency coordination and communication. This would be followed by an evaluation report for improving State and County plans.

### Planning

TCHD staff would be supplemented with a contractor to manage the planning, implementation and evaluation of this exercise. OPSFS, OEM, CDPHE and County representatives would also be involved with the planning effort and evaluation of the exercise results as it pertains to their EP plans. The costs associated with this planning component are considered “in kind contributions” and not part of this proposal.

An executive planning committee would be formed from these entities to guide the program development process and ensure that coordination with the contractor, OPSFS, and individual counties is maintained and that the goals and objectives are met. TCHD will submit a Request for Proposal (RFP) for a contractor for the exercises. The committee will review and manage the contract services and prepare a report.

### Schedule

The schedule for the program is based on the ability to contract for these services and must be designed to have the two tabletops proceed the field event, 30 days before the end of the fiscal year so that the evaluation report can be prepared. The timing of the first tabletop is anticipated to be within 90 days of the contract implementation. This would provide counties time to implement additional training exercises in partnership with local resources (i.e. hospitals, laboratories, pharmacies, private medical facilities, law enforcement, fire departments, hazmat teams etc.)

### Costs

The cost estimates for the request are based on the grant description are as follows:

Personnel, Full, part-time:

TCHD - \$75,000, based on 10 program design day + 10 days meeting with participants + 20 days meeting with county agencies +20 days preparing and conducting the exercises + 20 days for evaluation preparation = 80 days x 8 hours/day x \$100 hour (salary & fringe) for a coordinator and staff support.

Contractor \$95,000, to prepare, conduct, coordinate and evaluate (7-county tabletop, 1-combined, 7 to 10-county POD exercises (15-18).

Overtime NA

### Supplies:

\$5,000, to include gloves, masks, tyvek suits, mailings, paper and other meeting supplies

Other items:

\$7,000 to include:

Travel expenses for lodging (40 nights at  
\$75/night=\$3,200),

Per Diem stipend (\$35/day=\$1,400)

Mileage re-imbusement (\$2,400), for 15-18 events

**NOTE: This exercise program is scaleable based on  
funding availability.**

<b>Exercise Budget category</b>	<b>TCHD</b>
TCHD Personnel Full, part-time	\$75,000, based on 10 program design day + 10 days meeting with SOC+ 20 days meeting with county agencies 20 days preparing and conducting the exercises+ 20 days for evaluation preparation = 80 days x 8 hours/day x \$100 hour (salary & fringe) for a coordinator and staff support.
Sub-Total	\$75,000
Contractors/Consultants	\$95,000 to prepare, conduct, coordinate and evaluate (7-county tabletop, 1-combined, 7 to 10-county POD exercises (Total 15-18).
Sub-Total	\$95,000
Over-Time	NA
Sub-Total	NA
Supplies	\$5,000, to include gloves, masks, tyvek suits, mailings, paper, meeting condiments Etc.
Sub-Total	\$5,000
Other Items	\$7,000, to include travel expenses for lodging (40 nights at \$75/night=\$3,200), Per diem stipend (\$35/day=\$1,400), mileage re-imbusement (\$2,400), for 15-18 events.
Sub-Total	\$12,000
Agency Indirect (26.45%)	\$48,230
Total	\$230,230