

APPLICANT PROFILE



GOVERNMENT
OF THE DISTRICT
OF COLUMBIA

APPLICANT PROFILE

**FY 2005 Homeland Security Grant Program:
Urban Areas Security Initiative**

PROJECT TITLE:	Mass Casualty Incident Support	
EMERGENCY SUPPORT FUNCTION:	R-ESF 4 (RFA # 4D)	
PROJECT PERIOD:	May 1, 2005 to April 30, 2006	
PROJECT SYNOPSIS:	This \$2.48 million dollar project is for the purchase of seven (7) - Type III Mass Casualty Support Units (MCSU) and six (6) – 20 patient Ambulance Buses. These will be deployed as follows: Maryland – 3; Northern Virginia – 3; Washington D.C. – 1 MCSU only. This project will fill an equipment gap that exists today. Each Type III MCSU will provide a standardized equipment cache capable of treating 100 patients. Each ambulance bus will be capable of transporting 20 stretchered patients.	
IMPLEMENTING JURISDICTION:	Montgomery County, Maryland	
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Proposal Summary

Purchase Seven (7) - Type III Mass Casualty Support Units and six (6) – 20 patient Ambulance Buses.

Outside of the airports, the jurisdictions that make up the NCR do not have the capability to treat and transport 100 patients. Outside of the District of Columbia, there is no ability to transport 20 stretchered patients. This proposal will ensure that the jurisdictions with the greatest potential have a standard Mass Casualty Support Unit and 20 Victim Ambulance Buses to remedy the shortcomings that exist today. This will significantly improve the ability of a jurisdiction to treat and transport 10, 20 and more victims quickly and efficiently. The assembly of many of these resources will become invaluable in a true Mass Casualty Incident involving hundreds or thousands of victims.

The units will be deployed as follows: Maryland – 3; Northern Virginia – 3; Washington D.C. – 1 (MCSU only). This will supplement the smaller MCSUs that exist throughout the region, standardize inventory and capabilities, and provide transport capability that does not exist. The rationale for the number of units is based on population. This concept proposes a Mass Casualty Support Unit and a 20 patient Ambulance Bus per 500,000 population. The Maryland jurisdictions will receive 3 of each unit type based on the total population of 1,971,259 (Montgomery – 918,881; PG – 838,716, Frederick – 213,662). The Virginia jurisdictions will receive 3 of each unit type based on the total population of 1,863,631 (Fairfax – 1,000,405; Loudoun – 221,746; Prince William – 325,324; Arlington – 187,873 and Alexandria 128,283). The District of Columbia (population 563,384) will receive 1 Mass Casualty Support Unit; it already has 2 ambulance buses.

Project Goals and Objectives

1. **Goal** – Enhance the capability of the National Capital Region to respond to a Mass Casualty Incident. This project will provide the response vehicles and equipment necessary to treat one hundred people and transport twenty stretchered patients at a time. This will assure that each jurisdiction has standardized equipment inventory, equipment location, and Mass Casualty Incident response protocols. This will also provide “elasticity” so that the NCR as a region can respond to, treat and transport 750 to 1000 patients.
 - 1.1. Objective 1 – Place 7 Mass Casualty Response Units in service
 - 1.2. Objective 2 - Place 6 Ambulance Buses in service
2. **Goal** – Improve Mass Casualty Incident response through multi-jurisdictional collaboration. This grant will provide the equipment so that each jurisdiction can fully participate in mutual aid disaster response, other mass casualty events, disaster exercises and planned special events.

Project Description

The Washington Metropolitan Area has the potential and risk of a mass casualty event. The National Capital Region (NCR) is considered to be a potential first strike area with multiple incidents. It should come as no surprise considering the high profile area. Besides being home to the federal government, there are over 4.5 million people living in jurisdictions in the NCR. Our three major airports move 136,000 passengers a day, our heavy and commuter rail systems move 37,000 passengers a day and our METRO rail moves over 500,000 passengers a day. That's over 673,000 people daily using mass transportation which is recognized as a significant threat when it comes to terrorist activities. Add the 800,000 daily commuters and you have 1.5 million people in transit every day. It should come as no surprise that in the last 5 years, DC alone has responded to over 100 incidents involving 5 – 10 patients, 40 incidents involving 10 – 20 patients, and 20 incidents involving greater than 20 patients.

All too frequently, we learn of the mass casualty incident (MCI) that occurs somewhere in this country. The causes of these disasters are varied from natural, technological, via transportation, and hazardous materials. All caused by intentional acts of violence or terrorism. Acts of terrorism have plagued the world for centuries. Within the last decade terrorism has truly hit American soil. We are too familiar with major incidents such as the bombing in Oklahoma City and the two attacks on the World Trade Center. We have also witnessed workplace and school violence, both producing mass fatality and mass casualty incidents. We have seen an Anthrax attack and a host of lesser reported incidents that have the potential for significant impact on our population. The train bombings in Madrid and the relentless activity of the militants in Iraq serve to remind us the extent that extremists (and the mentally impaired) will go to make their point.

The NCR has experienced firsthand train crashes, airline crashes, METRO crashes, bus and other significant transportation collisions, workplace violence, terrorism, the attack on the Pentagon, the attempted attack on DC, anthrax deaths and the mass hysteria that follows. In addition, the Washington Metropolitan Area frequently hosts mass gatherings and special events, from concerts to charity walks, each drawing thousands of participants.

Each jurisdiction in the NCR has independently procured and deployed equipment to better manage the mass casualty incident. There are three types of Mass Casualty Support Units (MCSUs) classified by how many patients the MSU can treat. A Type I MSU is capable of treating 25 victims; a Type II MSU is capable of treating 50 victims; and a Type III MSU is capable of treating 100 victims. Presently, there are twenty MCSUs in the region as follows: Type I – 6; Type II – 12; Type III - 2. The two Type III units are located at Regan National and Dulles International Airports. Type III MCSUs are in short supply.

Even with the actual events and recognized risk, little exists in the way of mass casualty transportation equipment in the region. Washington DC has two 20 patient ambulance buses. Today, the ability to transport dozens of injured victims following a Mass Casualty Incident (MCI) is dependant on ambulances. This significantly impacts the “everyday” service delivery that those ambulances are needed to provide. The ten-victim MCI, frequently encountered as a result of a traffic collision, significantly strains the “elasticity” of a jurisdiction. Today the

jurisdiction has little option but to send 5-10 EMS units to that one incident. That is 5-10 EMS units that are no longer available to provide the day-to-day EMS response that a jurisdiction has planned for.

As with every other issue involving mutual aid, interoperability is paramount. Standardized units, inventory, and capability are vital to success. Mutual Aid agreements, Policies and Procedures that seamlessly integrate into regional response and multi-jurisdictional training opportunities to prepare and support mass casualty resource deployment are significant issues as well.

Organization, Experience & Qualifications

The Montgomery County Fire and Rescue Service (MCFRS) have agreed to become the grantee for this project. The MCFRS is a combination Fire and EMS system with 1000 career employees and 500 volunteer members operating from 33 fire and rescue stations. MCFRS is responsible for delivering fire and rescue service to the most populated jurisdiction in the State of Maryland with a population approaching 1,000,000 people.

MCFRS has extensive experience managing, maintaining, and deploying resources by virtue of 14 years of participation in the National Urban Search and Rescue (US&R) program sponsored by FEMA. During this time MCFRS has responded to numerous regional and national disasters providing US&R services. A key component of the US&R response program is logistical support. To support this need MCFRS, in the US&R program, has developed a highly skilled group of logistics with a high level of technical competence and a great deal of experience.

These personnel have both the technical and management skills required to successfully develop and integrate complex communication plans on major incidents. Their skills enable them to support the jurisdiction experiencing a major emergency with whatever communication services may be needed. They are capable of developing and implementing complex communications plans or simply supporting the receiving jurisdiction by deploying radios as may be desired by the receiving jurisdiction.

Staffing Plan

This project will be implemented using a variety of fire and rescue personnel already on staff or hired back on an overtime basis to support the necessary project activities. Time reported will be maintained using the County's existing payroll process. Discrete time reporting codes for this project will be utilized to provide accurate time reporting by individual on an hourly basis. The payroll system will provide accountability of all project hours expended. All pertinent personnel records (name, address, social security number) are maintained in the payroll system. No additional staff will be hired to support this project.

Project Budget

A. Personnel - List each position by title and name of employee, if available. Show the annual salary rate and the percentage of time to be devoted to the project. Compensation paid for employees engaged in grant activities must be consistent with that paid for similar work within the applicant organization.

Name/Position	Computation	Cost
N/A		
Total		\$ -

B. Fringe Benefits - Fringe benefits should be based on actual known costs or an established formula. Fringe benefits are for the personnel listed in budget category (A) and only for the percentage of time devoted to the project. Fringe benefits on overtime hours are limited to FICA, Workman’s Compensation, and Unemployment Compensation.

Name/Position	Computation	Cost
N/A		
Total		\$ -

C. Travel - Itemize travel expenses of project personnel by purpose (e.g., staff to training, field interviews, advisory group meeting, etc.). Show the basis of computation (e.g., six people to 3-day training at \$X airfare, \$X lodging, \$X subsistence). In training projects, travel and meals for trainees should be listed separately. Show the number of trainees and unit costs involved. Identify the location of travel, if known. Indicate source of Travel Policies applied, Applicant or Federal Travel Regulations.

Purpose of Travel	Location	Item	Computation	Cost
N/A				
Total				\$ -

D. Equipment - List non-expendable items that are to be purchased. Non-expendable equipment is tangible property having a useful life of more than two years. (Note: Organization’s own capitalization policy and threshold amount for classification of equipment may be used). Expendable items should be included either in the “Supplies” category or in the “Other” category. Applicants should analyze the cost benefits of purchasing versus leasing equipment, especially high cost items and those subject to rapid technical advances. Rented or leased equipment costs should be listed in the “Contractual” category. Explain how the equipment is necessary for the success of the project. Attach a narrative describing the procurement method to be used.

Item	Computation	Cost
Ambulance Buses	6 vehicles @ \$150,000	900,000
Military spec, 20 stretchered patients		
Type III Mass Casualty Support Units	7 vehicles @ \$175,000	1,225,000
Hackney, straight chassis, roll up doors		
Total		\$2,125,000

E. Supplies - List items by type (office supplies, postage, training materials, copying paper, and other expendable items such as books, hand held tape recorders) and show the basis for computation. (Note: Organization’s own capitalization policy and threshold amount for classification of supplies may be used). Generally, supplies include any materials that are expendable or consumed during the course of the project.

Item	Computation	Cost
Medical Supplies and Equipment	7 sets @ \$50,000	350,000
See attached inventory		
Total		\$350,000 -

F. Consultants/Contracts - Indicate whether applicant's formal, written Procurement Policy or the Federal Acquisition Regulations are followed.

Consultant Fees: For each consultant enter the name, if known, service to be provided, hourly or daily fee (8-hour day), and estimated time on the project. Consultant fees in excess of \$450 per day require additional justification and prior approval from ODP.

Name of Consultant	Service Provided	Computation	Cost
N/A			
<i>subtotal</i>			\$ -

Consultant Expenses: List all expenses to be paid from the grant to the individual consultant in addition to their fees (i.e., travel, meals, lodging, etc.)

Item	Location	Computation	Cost
N/A			
<i>subtotal</i>			\$ -

G. Other Costs - List items (e.g., rent, reproduction, telephone, janitorial or security services, and investigative or confidential funds) by major type and the basis of the computation. For example, provide the square footage and the cost per square foot for rent, and provide a monthly rental cost and how many months to rent.

Description	Computation	Cost
N/A		
<i>Total</i>		\$ -

H. Indirect Costs - Indirect costs are allowed only if the applicant has a Federally approved indirect cost rate. A copy of the rate approval, (a fully executed, negotiated agreement), must be attached. If the applicant does not have an approved rate, one can be requested by contacting the applicant’s cognizant Federal agency, which will review all documentation and approve a rate for the applicant organization, or if the applicant’s accounting system permits, costs may be allocated in the direct costs categories.

Description	Computation	Cost
Montgomery County Indirect Cost Rate	Project total x 12.6	311,850
Total		\$311,850

The figures included in the budget are a best estimate of the logistical costs associated with maintaining the NCR Radio Cache, and the personnel responsible for managing it, in a high state of readiness. As this will be the first full operational year of the project the costs are necessarily estimates as there is no history to review to provide more accurate cost data. As the program matures, better data will become available allowing for more accurate costs to be provided.

APPENDIX E: Certifications**GOVERNMENT OF THE DISTRICT OF COLUMBIA****OFFICE OF THE DEPUTY MAYOR FOR PUBLIC SAFETY AND JUSTICE**

Certifications Regarding Lobbying; Debarment, Suspension and Other Responsibility Matters; and Drug-Free Workplace Requirements

Applicants should refer to the regulations cited below to determine the certification to which they are required to attest. Applicants should also review the instructions for certification included in the regulations before completing this form. Signature of this form provides for compliance with certification requirements under 28 CFR Part 69, "New Restrictions on Lobbying" and 28 CFR Part 67, "Government-wide Debarment and Suspension (Non-procurement) and Government-wide Requirements for Drug-Free Workplace (Grants)." The certifications shall be treated as a material representation of fact.

1. LOBBYING

As required by Section 1352, Title 31 of the U.S. Code. and implemented at 28 CFR Part 69, for persons entering into a grant or cooperative agreement over \$100,000, as defined at 28 CFR Part 69, The applicant certifies that:

- (a) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the making of any Federal grant, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal grant or cooperative agreement;
- (b) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal grant or cooperative agreement, the undersigned shall complete and submit Standard Form - III, "Disclosure of Lobbying Activities," in accordance with its instructions;
- (c) The undersigned shall require that the language of this certification be included in the award documents for all sub awards at all tiers including sub grants, contracts under grants and cooperative agreements, and subcontracts) and that all sub-recipients shall certify and disclose accordingly.

**2. DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS
(DIRECT RECIPIENT)**

As required by Executive Order 12549, Debarment and Suspension, and implemented at 28 CFR Part 67, for prospective participants in primary covered transactions, as defined at 28 CFR Part 67, Section 67.510—

A. The applicant certifies that it and its principals:

- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, sentenced to a denial of Federal benefits by a State or Federal court, or voluntarily excluded from covered transactions by any Federal department or agency;
- (b) Have not within a three-year period preceding this application been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
- (c.) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
- (d) Have not within a three-year period preceding this application had one or more public transactions (Federal, State, or local) terminated for cause or default; and

B. Where the applicant is unable to certify to any of the statements in this certification, he or she shall attach an explanation to this application.

3. DRUG-FREE WORKPLACE (GRANTEES OTHER THAN INDIVIDUALS)

As required by the Drug Free Workplace Act of 1988, and implemented at 28 CFR Part 67, Subpart F. for grantees, as defined at 28 CFR Part 67 Sections 67.615 and 67.620—

A. The applicant certifies that it will or will continue to provide a drug-free workplace by:

- (a) Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in The applicant's workplace and specifying the actions that will be taken against employees for violation of such prohibition;
- (b) Establishing an on-going drug-free awareness program to inform employees about—
 - (1) The dangers of drug abuse in the workplace;

- (2) The applicant's policy of maintaining a drug-free workplace;
 - (3) Any available drug counseling, rehabilitation, and employee assistance programs;
and
 - (4) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;
- (c) Making it a requirement that each employee to be engaged in the performance of the grant be given a copy of the statement required by paragraph (a);
- (d) Notifying the employee in the statement required by paragraph (a) that, as a condition of employment under the grant, the employee will—
- (1) Abide by the terms of the statement; and
 - (2) Notify the employer in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace no later than five calendar days after such conviction;
- (e) Notifying the agency, in writing, within 10 calendar days after receiving notice under subparagraph (d)(2) from an employee or otherwise receiving actual notice of such conviction. Employers of convicted employees must provide notice, including position title to: Office of Grants Management and Development, 717 14th St., NW, Suite 1200, Washington, DC 20005. Notice shall include the identification number(s) of each affected grant;
- (f) Taking one of the following actions, within 30 calendar days of receiving notice under subparagraph (d)(2), with respect to any employee who is so convicted—
- (1) Taking appropriate personnel action against such an employee, up to and incising termination, consistent with the requirements of the Rehabilitation Act of 1973, as amended; or
 - (2) Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency;
 - (3) Making a good faith effort to continue to maintain a drug free workplace through implementation of paragraphs (a), (1), (c), (d), and (e). and (f)

B. The applicant may insert in the space provided below the sites for the performance of work done in connection with the specific grant:

Place of Performance (Street address, city, county, state, zip code)

As the duly authorized representative of the applications, I hereby certify that the applicant will comply with the above certifications.

1. Grantee Name and Address:

2. Application Number and/or Project Name:

3. Grantee IRS/Vendor Number: _____

4. Typed Name and Title of Authorized Representative _____

5. Signature _____

6. Date _____

APPENDIX F: ASSURANCES

GOVERNMENT OF THE DISTRICT OF COLUMBIA

OFFICE OF THE DEPUTY MAYOR FOR PUBLIC SAFETY AND JUSTICE

STANDARD ASSURANCES

The applicant hereby assures and certifies compliance with all Federal statutes, regulations, policies, guidelines and requirements, including OMB Circulars No. A-21, A-110, A-122, A-128, A-87; E.O. 12372 and Uniform Administrative Requirements for Grants and Cooperative Agreements - 28 CFR, Part 66, Common Rule, that govern the application, acceptance and use of Federal funds for this federally-assisted project.

Also, the Application assures and certifies that:

1. It possesses legal authority to apply for the grant; that a resolution, motion or similar action has been duly adopted or passed as an official act of The applicant's governing body, authorizing the filing of the application, including all understandings and assurances contained therein, and directing and authorizing the person identified as the official representative of The applicant to act in connection with the application and to provide such additional information as may be required.
2. It will comply with requirements of the provisions of the Uniform Relocation Assistance and Real Property Acquisitions Act of 1970 P.L. 91-646 which provides for fair and equitable treatment of persons displaced as a result of Federal and federally-assisted programs.
3. It will comply with provisions of Federal law which limit certain political activities of employees of a State or local unit of government whose principal employment is in connection with an activity financed in whole or in part by Federal grants. (5 USC 1501, et. seq.).
4. It will comply with the minimum wage and maximum hour's provisions of the Federal Fair Labor Standards Act if applicable.
5. It will establish safeguards to prohibit employees from using their positions for a purpose that is or gives the appearance of being motivated by a desire for private gain for themselves or others, particularly those with whom they have family, business, or other ties.
6. It will give the sponsoring agency of the Comptroller General, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the grant.

7. It will comply with all requirements imposed by the Federal-sponsoring agency concerning special requirements of Law, program requirements, and other administrative requirements.
8. It will insure that the facilities under its ownership, lease or supervision which shall be utilized in the accomplishment of the project are not listed on the Environmental Protection Agency's (EPA), list of Violating Facilities and that it will notify the Federal grantor agency of the receipt of any communication from the Director of the EPA Office of Federal Activities indicating that a facility to be used in the project is under consideration for listing by the EPA.
9. It will comply with the flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973, Public Law 93-234-, 87 Stat. 975, approved December 31, 1976. Section 102(a) requires, on and after March 2, 1975, the purchase of flood insurance in communities where such insurance is available as a condition for the receipt of any Federal financial assistance for construction or acquisition purposes for use in any area that has been identified by the Secretary of the Department of Housing and Urban Development as an area having special flood hazards. The phrase "Federal Financial Assistance" includes any form of loan, grant, guaranty, insurance payment, rebate, subsidy, disaster assistance loan or grant, or any other form of direct or indirect Federal assistance.
10. It will assist the Federal grantor agency in its compliance with Section 106 of the National Historic Preservation Act of 1966 as amended (16 USC 470), Executive Order 11593, and the Archeological and Historical Preservation Act of 1966 (16 USC 569a-1 et. seq.) By (a) consulting with the State Historic Preservation Officer on the conduct of investigations, as necessary, to identify properties listed in or eligible for inclusion in the National Register of Historic Places that are subject to adverse effects (see 36 CFR Part 800.8) by the activity, and notifying the Federal grantor agency of the existence of any such properties, and by (b) complying with all requirements established by the Federal grantor agency to avoid or mitigate adverse effects upon such properties.
11. It will comply, and assure the compliance of all its sub grantees and contractors, with the applicable provisions of Title I of the Omnibus Crime Control and Safe Streets Act of 1968, as amended, the Juvenile Justice and Delinquency Prevention Act, or the Victims of Crime Act, as appropriate; the provisions of the current edition of the Office of Justice Programs Financial and Administrative Guide for Grants; and all other applicable Federal laws, orders, circulars, or regulations.
12. It will comply with the provisions of 28 CFR applicable to grants and cooperative agreements including Part 18. Administrative Review Procedure; Part 20, Criminal Justice Information Systems; Part 22, Confidentiality of Identifiable Research and Statistical Information; Part 23, Criminal Intelligence Systems Operating Policies; Part 30, Intergovernmental Review of Department of Justice Programs and Activities; Part 42, Nondiscrimination/Equal Employment Opportunity Policies and Procedures; Part 61, Procedures for Implementing the National Environmental Policy Act; Part 63, Flood Plain Management and Wetland Protection Procedures; and Federal laws or regulations applicable to Federal Assistance Programs.

13. It will comply, and all its contractors will comply, with the non-discrimination requirements of the Omnibus Crime Control and Safe Streets Act of 1968, as amended, 42 USC 3789(d), or Victims of Crime Act (as appropriate); Title VI of the Civil Rights Act of 1964, as amended; Section 504 of the Rehabilitation Act of 1973, as amended; Subtitle A, Title II of the Americans with Disabilities Act (ADA) (1990); Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975; Department of Justice Non-Discrimination Regulations, 28 CFR Part 42, Subparts C, D, E and G; and Department of Justice regulations on disability discrimination, 28 CFR Part 35 and Part 39.
14. In the event a Federal or State court or Federal or State administrative agency makes a finding of discrimination after a due process hearing on the grounds of race, color, religion, national origin, sex, or disability against a recipient of funds, the recipient will forward a copy of the finding to the Office for Civil Rights, Office of Justice Programs.
15. It will provide an Equal Employment Opportunity Program if required to maintain one, where the application is for \$500,000 or more.
16. It will comply with the provisions of the Coastal Barrier Resources Act (P.L 97-348), dated October 19, 1982, (16 USC 3501 et. seq.) which prohibits the expenditure of most new Federal funds within the units of the Coastal Barrier Resources System.

Print Name

Print Title

Signature

Date

Appendix

Mass Casualty Support Unit Inventory..... A-1
Indirect Cost Proposal..... A-2

MASS CASUALTY SUPPORT UNIT INVENTORY

LEVEL 1	LEVEL 2	LEVEL 3	ITEM
20	40	80	Backboards (long)
20	40	80	Cervical collars (adjustable – adult)
20	40	80	Cervical collars (adjustable – pediatric)
20	40	80	Backboard straps (sets)
36	72	100	Blankets (disposable) 58 x 90, insulated
26	52	102	Blankets (space type)
20	40	80	Burn sheets (sterile, disposable) (NOT blue ones)
50	100	200	Multi-trauma dressing (sterile, size 12" x 30")
50	100	200	Military/Civilian 4" rolls
50	100	200	Military/Civilian 6" rolls
80	100	200	Trauma dressing, sterile, 8" x 10"
150	300	500	Kling 4" rolls
800 each	1600	2000	Non-sterile 4 x 4 dressing
75	150	300	Cravats (triangular bandage)
50 rolls	100 rolls	200 rolls	Tape 3" x 10 yards, silk
24 rolls	36 rolls	36 rolls	Tape, duct
25	50	100	NP airway kit, latex free, set of 6, sizes 26 to 34 French
25	50	100	OP airways, set of 6, (Berman kit), size infant to large adult
25	50	100	Oxygen mask, non-rebreather, with tubing, adult
25	50	100	Oxygen mask, non-rebreather, with tubing, pediatric
25	50	100	Oxygen tubing, male connectors, minimum 7 ft.
10 each	20 each	40 each	Bag valve mask device, disposable (each BVM has adult, & pediatric masks)
12	25	25	Combi- Nebulizers - Adult
12	25	25	Combi-Nebulizers - Pediatric
5	10	20	Hand powered portable suction units
15	30	60	Hand powered portable suction units replacement canisters
1 case each size	2 cases each size	4 cases each size	Gloves, nitrile (medium, large, extra large)
50	100	200	Face masks w/eye shield
50	100	200	Eye protection
25	25	100	Splints, disposable (minimum 12" , recommend 18")
12	24	48	Splints, disposable, 34"
36	72	108	1000 cc Normal Saline IV (12 per case)
48	48	96	IV tubing (10 drop sets) (48 per case) at least 100 inches
25	50	100	IV starter kits (prepackaged prep kits w/o needles – example: Criticon)
9 cans	18 cans	24 cans	Waterless hand cleaner
30	60	120	Towels - cloth
30	60	100	Patient belonging bags
3 boxes	6 boxes	6 boxes	Sani-cloths (50 indiv. envelope per box)
4	8	14	Sharps containers (minimum - 2 gallon size) (2 red/2 yellow)
1	2	2	Megaphone with extra batteries
1 case of 250	2 cases of 250	4 cases of 250	Biohazard bags (10 – 15 gallon size)
3	6	12	Flashlights with extra batteries
100	200	300	Zip lock storage bags (gallon size)
10	20	40	Military type patient litter, mesh, collapsible, with feet, with handles
LEVEL 1	LEVEL 2	LEVEL 3	ITEM
1 set	2 sets	2 sets	Triage tarps, (red, yellow, green), with grommets, minimum 15' x 20' (recommend heavy canvas) for equipment cache (can be poly coated)
1 each	2 each	2 each	Triage flags (base, telescoping min. 8 ' pole, flag), red, yellow, green
18	36	36	Traffic cones with reflective stripe
18	36	36	Step-in posts, fiberglass
2 rolls each	4 rolls each	4 rolls each	Rolls barricade tape, red, green, yellow (3" minimum width)
75	150	200	Triage tags (COG tag)
3	6	12	Triage ribbon kits (red, yellow, green, black)
3 cases	6 cases	6 cases	Bottled water, minimum 12 ounce
30 each color	60 each color	60 each color	Cyalume light sticks, box of 24 (red, yellow, green - min. 12 hour)

50 each	100 each	100 each	Cyalume light sticks (white – hi intensity – 30 min.) 10 per box
5**	10**	20**	Scissors
5**	10**	20**	Penlights
5**	10**	20**	Stethoscopes, adult/ peds. (Sprague Rappaport)
5**	10**	20**	Blood pressure cuffs, (pediatric, adult, large adult)
5**	10**	20**	2 Red, 2 Yellow, 1 Green Treatment Area Kits would include above items marked with “**”
6	12	12	Safety vests, orange mesh
3 boxes	6 boxes	6 boxes	Permanent markers
9	18	18	Clipboards
3 boxes	6 boxes	6 boxes	Ball point pens (12 per box)
2	4	4	Oxygen multilator or minilator, minimum 5 ports, adjustable flow rate
2	4	4	Oxygen hose 50 feet with regulator
2	4	4	Oxygen bottles, minimum size M cylinder
2	4	4	Oxygen kits (include Teflon tape, adjustable wrench, 5 Christmas trees – green nipple fitting)
1	2	2	Wheeled hand carts (for equipment and secure oxygen bottle carrying capability)

** May be placed in the patient assessment kit.

PATIENT TREATMENT AREA PACKAGE:

Packaged with itemized list on outside.
Recommend 1 patient boxes for Red and Yellow Areas and 5 patients bags for Green Areas.
Each patient box should be shrink wrapped.

1 pt. Box	5 pt. Bag	Item
1	5	Space blanket
2	5	Trauma pads – 8 X 10
2	5	Trauma pads – 5 X 9*
2	5	4" Kling*
8	10	4 X 4 bandages
3	6	Cravats
2	5	4" Kling
2 pairs ea	2 pairs ea	Gloves – Nitrile (L & XL & XXL)
2	2	3" tape
1 each	2 each	Mask & eye protection
1	1	Airway kit (OP and/or NP set)
1	5	Patient belonging bag
1	5	COG disaster (triage) tag

OPTIONAL EQUIPMENT LIST

ITEM
Fire extinguisher, minimum 20 lb. ABC
Patient transport device with all terrain wheels
Water cooler – or bottled water
Disposable cups, minimum 12 ounce
Electrolyte replenishment
Body bags with handles
Saw horses
Pop up color-coded tents

PATIENT ASSESSMENT KIT:

(For 25 Patients: recommend 2 assessment kits for Red and Yellow areas and 1 assessment kit for Green area.)

QUANTITY	ITEM
1	Adult stethoscope
1	Pediatric stethoscope
1	Adult BP cuff
1	Pediatric BP cuff
1	Pair scissors
1	Penlight

RECOMMENDED ADMIN. PACKAGE: Boxes identified with Red, Yellow, or Green markings on outside will include the following:

RED	YELLOW	GREEN	ADMIN. ITEMS (25 Patients) LEVEL 1
7	7	10	Rolls duct tape
0	0	1	Megaphone with extra batteries
100	75	75	Bio-hazard bags (10-15 gallon size)
1	1	1	Flashlight (with spare batteries)
30	30	40	Zip lock storage bags (gallon size)
1	1	1	Appropriate color tarp, with grommets, minimum 15' x 20' (recommend heavy canvas)
1	1	1	Appropriate color area triage flag
6	6	6	Traffic cones
6	6	6	Step-in posts, fiberglass
2	2	2	Rolls appropriate color barricade tape (3" minimum width)
22	22	31	COG Disaster (triage) tags (reduce TOTAL number by 25 if also used in pt. care package)
1	1	1	Triage ribbon kit (includes red, yellow, green, black ribbons)
1 case	1 case	1 case	Bottled water
9 each color	9 each color	12 each color	Red, yellow, green Cyalume light sticks (12 hour)
15	15	20	Cyalume light sticks white hi intensity (30 min)
2	2	2	Safety vests
1 box	1 box	1 box	Permanent markers
3	3	3	Clipboards
1 box	1 box	1 box	Ball point pens

RED	YELLOW	GREEN	ADMIN. ITEMS (50 Patients) LEVEL 2
11	11	14	Rolls duct tape
0	1	1	Megaphone with extra batteries
200	150	150	Bio-hazard bags (10-15 gallon size)
2	2	2	Flashlight (with spare batteries)
60	60	80	Zip lock storage bags (gallon size)
2	2	2	Appropriate color tarp, with grommets, minimum 15' x 20' (recommend heavy canvas)
2	2	2	Appropriate color area triage flag
12	12	12	Traffic cones
12	12	12	Step-in posts, fiberglass
4	4	4	Rolls appropriate color barricade tape (3" minimum width)
45	45	60	COG Disaster (triage) tags (reduce TOTAL number by 50 if also used in pt. care package)
2	2	2	Triage ribbon kit (includes red, yellow, green, black ribbons)
2 cases	2 cases	2 cases	Bottled water
18 each color	18 each color	24 each color	Red, yellow, green Cyalume light sticks (12 hour)
30	30	40	Cyalume light sticks white hi intensity (30 min)
4	4	4	Safety vests
2 boxes	2 boxes	2 boxes	Permanent markers
6	6	6	Clipboards
2 boxes	2 boxes	2 boxes	Ball point pens

RED	YELLOW	GREEN	ADMIN. ITEMS (100 Patients) LEVEL 3
11	11	14	Rolls duct tape
0	1	1	Megaphone with extra batteries
400	300	300	Bio-hazard bags (10-15 gallon size)
3	3	3	Flashlight (with spare batteries)
120	90	90	Zip lock storage bags (gallon size)
2	2	2	Appropriate color tarp, with grommets, minimum 15' x 20' (recommend heavy canvas)
2	2	2	Appropriate color area triage flag
12	12	12	Traffic cones
12	12	12	Step-in posts, fiberglass
4	4	4	Rolls appropriate color barricade tape (3" minimum width)
60	60	80	COG Disaster (triage) tags (reduce numbers by total of 100 if also used in pt. care package)
4	4	4	Triage ribbon kit (includes red, yellow, green, black ribbons)
2 cases	2 cases	2 cases	Bottled water
18 each color	18 each color	24 each color	Red, yellow, green Cyalume light sticks (12 hour)
30	30	40	Cyalume light sticks white hi intensity (30 min)
4	4	4	Safety vests
2 boxes	2 boxes	2 boxes	Permanent markers
6	6	6	Clipboards
2 boxes	2 boxes	2 boxes	Ball point pens