

**SUBMITTAL TO THE BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

347



FROM: Department of Public Health

SUBMITTAL DATE:
July 23, 2013

SUBJECT: Ratify the Memorandum of Understanding (MOU) between California Emergency Medical Services Authority (EMSA) and the County of Riverside Department of Public Health Emergency Medical Services Agency (EMS) for the transfer of a Disaster Medical Support Unit (DMSU).

RECOMMENDED MOTION: That the Board of Supervisors:

- 1) Ratify the Memorandum of Understanding (MOU) between the California Emergency Medical Services Authority (EMSA) and the County of Riverside Department of Public Health Emergency Medical Services Agency (EMS) to accept the transfer of a Disaster Support Medical Unit (DMSU);
- 2) Authorize the Chairperson to sign three (3) original copies of the Agreement.

BACKGROUND: EMSA has completed the procurement process and purchase orders have been issued for the assembly of the 26 DMSUs. These DMSUs will serve as mobile medical support units by providing logistical supplies and support to Ambulance Strike Teams (AST's). This effort will assist in meeting the requirements of the Health Resources Services Administration (HRSA's) "Minimal Level of Readiness for Emergency Medical Services".

BM:av

Susan D. Harrington

Susan Harrington, Director
Department of Public Health

FINANCIAL DATA	Current F.Y. Total Cost:	\$ 0	In Current Year Budget:	NA
	Current F.Y. Net County Cost:	\$ 0	Budget Adjustment:	NA
	Annual Net County Cost:	\$ 0	For Fiscal Year:	13/14

SOURCE OF FUNDS: 100% State funded	Positions To Be Deleted Per A-30	<input type="checkbox"/>
	Requires 4/5 Vote	<input type="checkbox"/>

C.E.O. RECOMMENDATION: APPROVE

BY: *Debra Cournoyer*
Debra Cournoyer

County Executive Office Signature

MINUTES OF THE BOARD OF SUPERVISORS

On motion of Supervisor Ashley, seconded by Supervisor Stone and duly carried by unanimous vote, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Jeffries, Tavaglione, Stone, Benoit and Ashley
 Nays: None
 Absent: None
 Date: July 30, 2013
 xc: Public Health

Kecia Harper-Ihem
Clerk of the Board
By: *Kecia Harper-Ihem*
Deputy

Prev. Agn. Ref.: [] **District:** ALL/ALL **Agenda Number:** []

3-43

FORM APPROVED COUNTY COUNSEL
DATE: 7/23/13
BY: NEAL R. KIPNIS
Departmental Concurrence

Dept Recomm.: Policy
Per Exec. Ofc.: Policy

SUBJECT: Ratify the Memorandum of Understanding (MOU) between California Emergency Medical Services Authority (EMSA) and the County of Riverside Department of Public Health Emergency Medical Services Agency (EMS) for the transfer of a Disaster Medical Support Unit (DMSU).

BACKGROUND continued: These vehicles will be strategically placed throughout California and will be capable of providing the on-site support/supplies necessary for a rapid field medical response anywhere in the State. The approval of this MOU will allow for Riverside County to take custody of the DMSU to utilize this vehicle in Riverside County and throughout the State during disasters and large scale pre-hospital medical emergencies.

WHEN DOCUMENT IS FULLY EXECUTED RETURN
CLERK'S COPY
to Riverside County Clerk of the Board, Stop 1010
Post Office Box 1147, Riverside, Ca 92502-1147
Thank you.

February 21, 2013

Dear :

Attached to this correspondence is a Memorandum of Understanding (MOU) between County of Riverside and the California Emergency Medical Services Authority (EMS Authority) for the transfer of one Disaster Ambulance Support Vehicle with all equipment and supplies.

Enclosed are the terms and conditions for receiving the Vehicle with all equipment and supplies.

Please sign and return both originals, along with a copy of your Certificate of Insurance to our Administrative Unit, attention Tim DeHerrera, as soon as possible. When the MOU is processed, you will receive one original.

If you have any questions regarding this MOU, please feel free to contact Tim De Herrera at (916) 322-4336, extension 422.

Sincerely,

Howard Backer, MD, MPH
Director, Emergency Medical Services Authority
State of California Emergency Medical Services Authority

Enclosure

JUL 30 2013 3-43

EMSA Use Only	
VIN:	<u>1FDUFS675BEB4960Z</u>
License:	<u>1404782</u>
DMSU #:	<u>162</u>
Date Delivered:	_____

MEMORANDUM OF UNDERSTANDING

THIS AGREEMENT, entered into between the **STATE OF CALIFORNIA EMERGENCY MEDICAL SERVICES AUTHORITY** (hereinafter referred to as the "State of California" or "the **STATE**") and COUNTY OF RIVERSIDE (hereinafter referred to as the **RECIPIENT**) for the purposes of transferring a Disaster Medical Support Unit vehicle (hereinafter referred to as "DMSU") and all associated equipment and supplies. The effective date of this Agreement is _____, but in no case shall be prior to the agreement execution date by all parties.

IT IS HEREBY MUTUALLY AGREED between the parties hereto as follows:

1. The **STATE** hereby transfers possession to the **RECIPIENT**, and **RECIPIENT** hereby accepts possession from the **STATE**, of the DMSU and Equipment listed on "Exhibit A" which is attached to and made a part of this Agreement.
2. The Disaster Medical Support Vehicle may be used for the following civil defense and disaster purposes, namely: as part of a local, regional or statewide mutual aid response, activations of Ambulance Strike teams during emergencies threatening properties vital to national defense or important military installations, parades, displays and demonstrations, and training of Emergency Medical Technicians and Paramedics.
3. **RECIPIENT** may add additional equipment and supplies to Exhibit A; **RECIPIENT** shall advise the State of any such additions. However, no deletion or diminution from the basic supply load may be made by the **RECIPIENT** without advance permission from the **STATE**. The **RECIPIENT** is responsible for maintaining the basic supply inventory at all times for disaster response. Any modification to the external appearance of the vehicle, including the addition of or change to existing graphics, logos, lettering, etc. must be in accordance with requirements as specified in the DMSU Vehicle Turnover Sheet.
4. **Garage, Maintenance, Repair and Replacement:** During the term of this agreement, the **RECIPIENT** agrees to garage the DMSU in a secured location, and competently staff, operate, maintain and repair said Disaster Ambulance Support Unit and equipment (hereinafter collectively referred to as "DMSU except where equipment alone is specifically referenced, in which case the term "equipment" is used) at its sole cost and expense, except as otherwise expressly provided for in this agreement. Equipment shall be housed on the property of the **RECIPIENT** in a secured manner to provide reasonable protection against inclement weather, sabotage, theft or malicious damage. Equipment shall be

maintained in such a condition that it is available for immediate emergency use, and at the same operational standard as other emergency equipment operated by the **RECIPIENT**. Maintenance shall include care of: equipment, tires, regular engine oil and filter and other fluid changes according to the manufacturer's specifications, chassis lubrication where appropriate; fuel; general cleaning and polishing; minor body repairs; periodic testing; and training. Repairs shall include, without being limited to: motor tune-ups, transmission repairs, differential and running gear, brake, exhaust and emission control systems, cooling devices including engine radiator and transmission cooler, and air conditioning systems.

- a. Maintenance and repairs to the extent of \$100.00 for each individual item of maintenance or repair shall be the sole responsibility of **RECIPIENT**.
- b. Repairs that exceed \$100.00 for each individual item of repair shall be the responsibility of the **STATE** on a \$100.00 deductible basis, unless in the judgment of the **STATE** the required repair results from intentional abuse, misuse or negligence on the part of the **RECIPIENT** in the maintenance or use of the equipment, in which event the cost of each such item of repair above \$100.00 shall also be the responsibility of the **RECIPIENT**. In no event shall the **RECIPIENT** approve or make repairs costing more than \$400.00 for any single item of repair without first obtaining authorization in writing from the **STATE** or in emergency situations, through a pre-designated authorized repair facility, as per the Fleet Manual.
- c. Replacement of tires and batteries shall be the responsibility of the **STATE**, unless damage thereto is the result of negligence or misuse on the part of the **RECIPIENT**. Procurement of tires and batteries is subject to State fiscal policies and procedures, and written approval must be obtained from the **STATE**, prior to procurement.
- d. Repair or replacement of the equipment transferred hereunder which is consumed, damaged or destroyed during mutual aid operations when the **STATE** has dispatched or directed the dispatch of said equipment as part of the state's medical mutual aid system, or when the **STATE** has reassigned said equipment pursuant to the provisions of paragraph 8 of this agreement, shall be the responsibility of the **STATE**. However, if any such loss, damage or consumption is due to intentional abuse, misuse, or negligence of the recipient, the recipient shall be liable. The **RECIPIENT** agrees that it will assume responsibility in full for the repair or replacement of equipment which has been consumed, lost, stolen, damaged or destroyed in operations other than referred to in paragraph 2, above.
- e. Any dispute arising under this contract that is not disposed of by agreement shall be decided by the Director of the **State Emergency Medical Services Authority**, who may consider written or verbal evidence submitted by the **RECIPIENT**.

5. **INSPECTION OF EQUIPMENT:** The **RECIPIENT** agrees that authorized representatives of the **STATE** may inspect the equipment at any time without advance notice during normal business hours of the **RECIPIENT**.
6. **TRAINING:** Reasonable and continual training of **RECIPIENT'S** employees shall be carried on so that trained personnel shall at all times be available to staff the equipment for Ambulance Strike Teams in the event of a declaration of a state of emergency or as requested by the **STATE**.
7. **DISPATCHING:** All movement of the equipment shall be handled through the official dispatching channels of the **RECIPIENT**. Dispatchers for **RECIPIENT** will recognize and act on all official requests for movement of the equipment in conformance with the State Disaster Medical Response Plan. The **STATE** reserves the right to dispatch, direct the dispatch of, or temporarily reassign the equipment whenever, in the opinion of the Director of the State Emergency Medical Services Authority, his/her representatives, Regional Disaster Medical/Health Coordinators, or Medical/Health Operational Area Coordinators, such equipment is essential to the protection of life and property in another jurisdiction.
8. **REIMBURSEMENT FOR MUTUAL AID RESPONSE:** Reimbursement procedures for mutual aid response shall be in accordance with the Standardized Emergency Management System (SEMS).
9. **STAFFING:** The **RECIPIENT** agrees to staff the Disaster Ambulance Support Unit and equipment according to the Ambulance Strike Team Guidelines.
10. **REPORTS AND RECORDS:** The **RECIPIENT** shall maintain daily, monthly and quarterly reports as required by **STATE** on the details of use of the equipment and training on forms provided by the **STATE**, and shall forward one copy of the reports quarterly to the **STATE**, and shall compile and forward such other forms as may be required by the **STATE** or its duly authorized representative. In addition, a detailed report on the use of the equipment on each response shall be submitted within seven calendar days after activation to the **STATE**, with copies of this report forwarded to the appropriate Regional Disaster Medical/Health Coordinators, or Medical/Health Operational Area Coordinators.
11. **REPORTING OF ACCIDENT(S):** Immediately following any and all accidents involving the DASU, it shall be the responsibility of the **RECIPIENT** to complete a State Form 270, "Report of Automobile Accident," and a copy of the appropriate Workers Compensation Forms for personal injuries, and file the reports with the **STATE**. **RECIPIENT** shall send the original and four copies to the **STATE**. The **STATE** will provide all required forms, logs, cards and instruction in a suitable binder.
12. **INSURANCE PROTECTION (OTHER THAN STATE AGENCIES):**

The **RECIPIENT** agrees upon execution of this agreement to furnish evidence of insurance for the DMSU pursuant to the provisions of Division

9, Chapter 1, Article 1 (Sections 17000 et seq.), of the Vehicle Code of California, with bodily injury limits of liability in the amount of \$1,000,000 and property damage limits of liability in the amount of \$1,000,000 by means of a Certificate of Insurance naming State of California as Additional Insured. Said certificate shall contain an agreement by the insurance company that it will not cancel said policy without 10 days prior written notice to the **STATE** and that the **STATE** is not liable for the payment of any premiums or assessments thereon.

13. **INSURANCE PROTECTION (OTHER STATE AGENCIES):** Any insurance necessary for replacement/repair of equipment (non-vehicle) loss shall be the sole responsibility of the department/recipient having custody of the equipment. The **RECIPIENT** agrees to report equipment as being under its control to the Insurance Officer, Department of General Services.

14. **OPTIONAL TERMINATION OF AGREEMENT:**

a. **RECIPIENT** may terminate this agreement and return the DMSU and equipment at any time. **STATE** may terminate this agreement without cause upon 30 calendar days advance written notice to **RECIPIENT**, at which time **RECIPIENT** shall return the DMSU and all equipment to the **STATE**. **STATE** may terminate this agreement for cause and repossess the DMSU or any portion of the equipment immediately without prior notice whenever it deems that the DMSU or equipment is being misused, abused, or is not being maintained or repaired in accordance with this agreement.

b. Upon termination of this agreement **RECIPIENT** agrees to return all equipment in the same condition as received; except allowances will be made for: normal wear and tear, force majeure, or other conditions over which **RECIPIENT** has no control.

c. It is anticipated that some minor inventory discrepancies will occur whenever items of equipment are replaced, deleted or added by the **STATE** or replaced by the **RECIPIENT**. It is mutually agreed that no amendment to this agreement need be made for minor inventory discrepancies; provided however, at the termination of this agreement a complete reconciliation of all equipment will be made. The **RECIPIENT** further agrees that all replacements for equipment will be made with identical or substantially like items in quality or grade. In the event of any disagreement as to the replacement of an item, a final determination will be made by the Director of the **State Emergency Medical Services Authority**.

15. The **STATE** may, in its sole discretion, waive in advance in writing any requirement of this agreement that the Disaster Ambulance Support vehicles and equipment shall be maintained in operating condition, or repaired, or replaced,

providing that any such waiver shall be applicable only to the specific apparatus or equipment to which the writing refers.

16. The **STATE** will maintain registration and license plates for Disaster Ambulance Support Unit vehicles through the California Department of Motor Vehicles.

17. **AGREEMENT FOR USE OF RADIO EQUIPMENT:**

a. The **STATE** will furnish the **RECIPIENT**, at **STATE'S** sole cost, radio equipment to operate on the **STATE'S** assigned frequencies as shown in Exhibits B and C.

b. The **STATE** agrees to deliver and install, as needed, said equipment without cost to the **RECIPIENT**.

c. All repairs and/or maintenance to radio equipment must be performed by a Department of General Services (DGS) authorized repair facility. See DGS authorized repair facilities listed in Exhibit B.

d. The **RECIPIENT** agrees to operate said radio equipment in accordance with the Rules and Regulations of the Federal Communications Commission. It is further agreed that the **STATE** may cancel this agreement at any time for violation by **RECIPIENT** of the laws, rules and/or regulations of the Federal Communications Commission in the use of the radio equipment. The effective period of this agreement shall be concurrent with the Federal Communications commission license(s) of said radio equipment.

e. The **STATE** is the owner of all radio equipment subject to this agreement, and all applications to the Federal Communications Commission seeking authority to add, modify or replace equipment covered by this agreement shall be made by and in the name of the State of California. In compliance with the control requirements of the Communications Act of 1934, as amended, the **STATE** hereby authorizes the **RECIPIENT** to operate said radio equipment as specified in paragraph "d" above.

18. The **STATE** assumes no liability hereunder, and **RECIPIENT** agrees to indemnify **STATE**, for claims or losses accruing or resulting to any person, firm or corporation furnishing or supplying work, services or material or services in connection with the **RECIPIENT'S** performance of this agreement, or for any claims and losses accruing or resulting to any person, firm or corporation injured or damaged by **RECIPIENT'S** negligence or intentional acts.

19. It is mutually understood and agreed that no alteration or variation of the terms of this agreement shall be valid unless made in writing and signed by the parties hereto, and that no oral understanding or agreements not incorporated herein,

and no alterations or variations of the terms hereof unless made in writing between the parties hereto shall be binding on any of the parties hereto.

20. **STRIKE TEAM MANAGEMENT / READINESS / RESPONSE:** The **RECIPIENT** agrees to manage an ambulance strike team in accordance with EMSA guidelines and maintain the DMSU in a constant state of readiness to facilitate a rapid response to local, regional and state emergencies. The **RECIPIENT** shall maintain and keep current a listing of local AST Leaders and providers, and will activate an AST within three (3) hours of notification whenever possible for Immediate Need requests, and twelve (12) hours for Planned Need requests. For the purposes of this MOU, an AST consists of 1 DMSU, 5 like capability ambulances, 1 AST Leader and 10 EMTs and/or paramedics.

RECIPIENT:

County of Riverside - Ems
Name of Recipient

John J. Benoit
Authorized Official (Signature)

CHAIRMAN, BOARD OF SUPERVISORS
JOHN J. BENOIT
Name of Authorized Official (Printed)

ATTEST:
KECIA HARPER-IHEM, Clerk
By Kecia Harper-Ihem
DEPUTY

JUL 30 2013
Date:

4065 County Circle Drive, Riverside, CA 92503
Physical Address For DMSU

Bruce Barton
Primary Contact name

951-358-5029
Phone Number

bbarton@rivcocha.org
Email Address

FORM APPROVED COUNTY COUNSEL
BY: Neal R. Kipnis
NEAL R. KIPNIS DATE

STATE OF CALIFORNIA:
Howard Backer
Howard Backer, MD, MPH
Director, Emergency Medical Services Authority
State of California Emergency Medical Services Authority

9/5/13
Date

EXHIBIT A
STATE OF CALIFORNIA
EMERGENCY MEDICAL SERVICES AUTHORITY

VEHICLE INFORMATION

Make: 2007 Ford

Model: E-450 Super Duty Cutaway Van (White)

VIN Number:	1FDXE45PO7DA64776	1FDXE45P97DA64775
	1FDXE45P27DA64777	1FDXE45P47DA64778
	1FDXE45P67DA64779	1FDXE45P27DA64780
	1FDXE45P47DA64781	1FDXE45P67DA64782
	1FDXE45P87DA64783	1FDXE45PX7DA64784
	1FDXE45P17DA64785	1FDXE45P37DA64786
	1FDXE45P57DA64787	1FDXE45P77DA64788
	1FDXE45P97DA64789	1FDXE45PX7DA64798
	1FDXE45P87DA64797	1FDXE45P67DA64796
	1FDXE45P47DA64795	1FDXE45P27DA64794
	1FDXE45P07DA64793	1FDXE45P97DA64792
	1FDXE45P77DA64791	1FDXE45P37DA69292
	1FDXE45P17DA69291	1FDXE45P57DA64790

Description: 2007 Ford E-450 Super Duty Cutaway Van (White), 176" Wheel Base, 14,000 lbs Minimum Gross Vehicle Weight (GVW), 6.0 Liter Power Stroke Diesel Engine, Automatic w/Overdrive (2 wheel drive) Transmission, Heavy Duty Limited slip 4.10 Ratio with Dual Rear Wheels Rear Axel, Radial Tires, Steel (painted white to match cab color) wheels, Air Conditioning/Heater Cab Climate Control, Power Assisted 4 Wheel Disc Brakes, Power Steering, Cruise Control, Full Instrumentation, Heavy Duty Cooling System, Cooler Transmission, High Output/Heavy Duty (140 Amp) Alternator, Dual Heavy Duty 75 Amp Deep Cycle Battery, Dual High Back Bucket Seats, 55 Gallon Fuel Capacity, Telescopic Trailer Mirrors, and Cab Entry Steps

Exhibit A

Product Description, Disaster Ambulance Support Units (DASUs)

1.0 Purpose

As part of an integrated State-level response system, the EMS Authority is purchasing and will strategically place 26 state-owned Disaster Ambulance Support Units (DASUs) within the state. These vehicles will provide direct support to Ambulance Strike Teams (ASTs) during a disaster. These support units will enable our ASTs to better serve the people of California during the initial 72 hours of a disaster.

2.0 Materials

Materials used in the construction and supply of these units shall be new and of a quality conforming to current engineering and manufacturing practices. Materials shall be free of defects and suitable for the service intended. The chassis, body, devices, axles, medical accessories and equipment to be delivered under this agreement shall be standard commercial grade products, which meet or exceed the requirements of this specification.

3.0 Vehicle Chassis

- 3.1 Make/Model: Ford E-450 Super Duty Cutaway Van (White)
- 3.2 Wheel Base: 176"
- 3.3 Minimum Gross Vehicle Weight (GVW): 14,000lbs
- 3.4 Engine: 6.0 Liter Power Stroke Diesel
- 3.5 Transmission: Automatic w/Overdrive (2 wheel drive)
- 3.6 Rear Axel: Heavy Duty, Limited Slip, 4.10 Ratio with Dual Rear Wheels
- 3.7 Tires: Radial
- 3.8 Wheels: Steel (painted white to match cab color)
- 3.9 Cab Climate Control: Air Conditioning/Heater
- 3.10 Brakes: Power Assisted 4 Wheel Disc
- 3.11 Steering: Power
- 3.12 Cruise Control: Yes
- 3.13 Full Instrumentation: Yes
- 3.14 Cooling System: Heavy Duty
- 3.15 Transmission Cooler: Yes
- 3.16 Alternator: High Output/Heavy Duty (140 Amp)
- 3.17 Battery: Dual Heavy Duty 75 Amp Deep Cycle
- 3.18 Seating: Dual High Back Bucket Seats
- 3.19 Fuel Capacity: 55 Gallons
- 3.20 Telescopic Trailer Mirrors
- 3.21 Cab Entry Steps

4.0 Emergency Lights and Siren

- 4.1 Full Size Roof Mounted (on Cab) L.E.D. Light Bar with Integrated Siren.
- 4.2 Separate controls for lights/siren
- 4.3 L.E.D. Flashers on Sides and Rear of Cargo Box
- 4.4 Alternating Flashing Headlights (Wig/Wag)
- 4.5 Dual 100 watt P.A. System
- 4.6 Cab will be fitted with a permanently mounted GPS System in a position to enable comfortable operation by driver or passenger

5.0 Cargo Box

- 5.1 Supreme Manufacturing Box Style **without** over-cab extension
- 5.2 84" Tall by 96" Wide by 16' in Length
- 5.3 6" Cab Extension Upgrade (Ford E-450)
- 5.4 Exterior shall be aluminum sheeting no less than .030 inch thickness
- 5.5 Step-Saver curbside entry door with swing-out option and handle style lock to enable opening from inside or outside of box
- 5.6 The Step-Saver curbside entry door shall be a minimum of 26" from the front of the box and have a minimum 32" opening
- 5.7 Full width swing-out rear doors with handle style lock to enable opening from inside or outside of box
- 5.8 Six evenly spaced 12 volt ceiling lights down the center aisle with two switches, one located inside of side door entrance and one located inside of rear entrance
- 5.9 One-piece crowned aluminum roof for water dispersion
- 5.10 12' One-piece Diamond Plate overlay for added roof strength (antenna support and maintenance) rear 4' with aluminum skin only
- 5.11 Roof supports on 12" centers for added strength
- 5.12 One-piece floor to ceiling fiberglass panels affixed to all inside walls and doors
- 5.13 One-piece diamond-plate floor extending 4" up front wall and both side walls.
- 5.14 Waterproof caulking at joint between diamond-plate and fiberglass to enable interior to be washed out with a hose when necessary.
- 5.15 All door trim, hardware and hinges shall be affixed using tamper resistant fasteners
- 5.16 2 dry chemical powder fire extinguishers with a minimum rating of 5A:10BC and aluminum valve assembly capable of service and refill shall be mounted in the DSU interior near the curb side door and the rear doors for quick access

6.0 Bulk Supply Containers

- 6.1 When referring to an Attached Lid Container (ALC) this specification requires that the container has the following attributes:
 - The ALC's will be constructed from a waterproof material
 - The ALC's will be rectangular in shape and constructed with a hinged attached lid resistant to dust and moisture
 - The ALC's shall be available in 3 sizes (small, medium and large) to accommodate various equipment configurations

- Regardless of size of the ALC, the bottom of one shall be capable of nesting into the top of another of any size. Also, when empty, any size ALC shall be capable of nesting within another of any of the three sizes for storage and transport
- The ALC's shall include an eye or hasp such that the container can be secured closed by either a Master brand Model 180QLFCCSEN, 1-3/4" Weatherproof Lock with extended shackle, or an AC&M brand, Model 9001 Pull-Up type tamper evident seal
- The ALC's will be designed such that capacities and dimensions conform to the following:

CONTAINER	MAXIMUM OUTSIDE DIMENSION IN INCHES	MINIMUM INTERNAL CAPACITY CUBIC FEET / GALLONS
SMALL ALC	21.5" X 15" X 9"	1.12 / 8.5
MEDIUM ALC	21.5" X 15" X 12.5"	1.62 / 12
LARGE ALC	21.5" X 15" X 17"	2.28 / 17

- Each container will be marked with a waterproof label denoting the contents of said container

7.0 Shelving and Backboard Storage Area

- 7.1 Shelving capable of holding the medical supplies modules and spine boards will be installed inside the DSU along both side walls in such a manner that maintains a minimum 24" wide aisle from front to back
- 7.2 The shelving shall be constructed and installed so that:
- Each shelf shall be capable of carrying a load not less than 600 pounds
 - The height of each shelf shall be independently adjustable by the customer to accommodate a varied equipment load
 - Shelving will be of an open construction to the reduce weight of the shelf, to allow unobstructed airflow from shelf to shelf, to allow the bottom of containers or equipment to dry and to attach a variety of anchor points for equipment restraint straps
 - The material from which the shelves are constructed will be non-porous, decontaminable and carry a finish warranty not less than 1 year from date of delivery
 - The shelving design will allow for a minimum of 215 square feet including spine board storage
 - The material from which the shelves are constructed will be non-porous, decontaminable and carry a finish warranty not less than 1 year from date of delivery
 - The shelving design will provide for restraints to secure the supplies and equipment load during transit

- The maximum completed weight as installed of the shelving unit shall not exceed 700 lbs minus backboard storage
- The shelving system shall be attached with steel screws in a manner that allows the shelving to be removed by the purchaser if necessary cleaning or shelf adjustment

8.0 Incident Command/Triage Support Equipment

- 8.1 The DASU will be equipped with a Mass Casualty Incident Management kit, packaged in a medium ALC. The kit shall include:
- Identification vests for the following IMS/EMS titles/positions in the colors specified: MEDICAL (Blue) – TRIAGE (Yellow) – TREATMENT (Red) – TRANSPORTATION (Green) – STAGING (Orange)
 - A clipboard for MEDICAL – TRIAGE – TREATMENT – TRANSPORT – STAGING with relative job descriptions and forms for managing the responsibilities for each assignment
 - 35 (each) waterproof, color coded, sequentially numbered and bar-coded triage tags
 - The tag will be the California Fire Chiefs approved tag
 - All tear-off portions of the tag will be numbered such that they can be referenced back to the tag base number
 - The tag will include a pre-designated space for noting if decontamination was performed
 - The tag will include a pre-designated space for noting whether or not Mark 1 Kits® have been administered and, if so, the number
 - The tag will include a pre-designated space for noting whether or not a Diazepam Auto-Injector has been administered
 - The tag will include a section that is designed to be removed and kept by the Transportation group to track patient movement; The section will include spaces clearly marked for recording the patient name, gender, transportation destination, transporting unit, and time of departure from the scene
 - The tag shall be manufactured and printed such that when the tag is immersed for 30 minutes in a decontamination solution containing 1:1,000 hypochlorite solution neither the tag material nor the printing degrades
 - The tag shall be manufactured and printed such that they can be marked upon with a pencil, ball-point ink pen, permanent marker when dry and a wax crayon or "China Marker" when the tag is wet

9.0 Command Vests

- 9.1 The equipment load will include mesh command vests with side buckle closure and a minimum of 144 square inches of 3M reflective material denoting the following positions: INCIDENT COMMANDER – PUBLIC INFORMATION OFFICER – SAFETY OFFICER – OPERATIONS in standard California Incident Command Color Scheme

10.0 Additional Triage Support/Incident Command Equipment

- 10.1 An erasable EMS tactical command sheet not less than 24" wide x 18" high, printed in at least four colors, which may be written on with dry erase markers, water-based markers, and grease pencils, with provisions for noting:
- Hospital names and number of patients in each of the three triage color areas (RED- YELLOW - GREEN) that each hospital is capable of receiving
 - Number of and types of units in staging
 - Color coded areas for tracking the numbers and classifications of victims that have been triaged
 - The number and classification of patients in each treatment/holding area (IMMEDIATE - DELAYED - MINOR - DECEASED)
 - Command personnel assignments including function of the group/location of division/vehicles and personnel assigned and relative radio channels of division/vehicles and personnel assigned and relative radio channels and/or frequencies
- 10.2 The equipment load will also include a set of six (06) treatment area flags:
- Four (04) shall be color coded and printed to identify the standard MCI treatment/holding areas one each of: (RED 1 - YELLOW 2 - GREEN 3 - BLACK 0)
 - One (01) flag shall clearly identify the "Treatment Area Entrance" in a color that contrasts from that of other area identification flags to avoid confusion
 - One (01) flag that clearly identifies the "Triage Area" in a color that contrasts from that of other area identification flags to avoid confusion
 - The flags shall be securely packaged in a clearly labeled nylon storage bag designed for the purpose of storage and transportation
- 10.3 In order to mount the flags, the DSU will be equipped with a minimum of six telescoping flag pole stands made from steel that extend to a minimum of 10' tall for use and that collapse and fold for storage to a profile not larger than 3" in diameter by 24" long and weighing no more than 5 pounds each
- 10.4 The equipment load shall also include a set of waterproof tarps as follows:
- The tarps will be provided in colors consistent with the classification of patients in treatment/holding areas (IMMEDIATE/RED - DELAYED/YELLOW -- MINOR/GREEN - DECEASED/BLACK).
 - The tarps will be stored in a medium ALC
 - The minimum ground covering size for each tarp shall be no less than 16' x 20'
- 10.5 #1 - 3" x 1000' roll of orange colored, plastic barricade tape imprinted with the title "Command Post"
- 10.6 #1 - 3" x 1000' roll of red colored, plastic barricade tape imprinted with the title "1st Priority"
- 10.7 #1 - 3" x 1000' roll of yellow colored, plastic barricade tape imprinted with the title "2nd Priority"
- 10.8 #1 - 3" x 1000' roll of green colored, plastic barricade tape imprinted with the title "3rd Priority"

- 10.9 #1 - 3" x 1000' roll of white colored barricade tape imprinted with the title "Triage Area"
- 10.10 The equipment load shall also include four (04) separate dispenser packs, each capable of holding 4 rolls of survey "flagging" tape a minimum of one inch wide by 100 feet long as described below:
- The dispensers shall be mounted upon a waist belt equipped with an adjustable buckle clasp. The belt shall be capable of field adjustment to fit adults with waist sizes ranging from 24" to 48"
 - The dispenser shall be made from water resistant nylon with zippered, color-coded compartments to store and dispense tape for initial triage
 - Each dispenser pack shall have one roll each of survey flagging tape in the following colors: RED - YELLOW - GREEN - BLACK
- 10.11 The equipment load shall include a Megaphone with at a minimum, volume control switch, dynamic type microphone, pistol-trigger type push-to-talk switch, carry strap and with a minimum power output of 10 watts peak, 2 watts minimum rated duty output

11.0 BLS Treatment Kits

- 11.1 Each DASU shall be equipped with a minimum of 10 trauma kits, each of which will contain at a minimum the following treatment supplies:
- #2 - Individually packaged sterile 5" x 9" ABD pads
 - #50 Pouches - Sterile 4' x 4" gauze pads (2 pads per pouch).
 - #10 - 3" x 5 yard individually packaged sterile rolled gauze bandages
 - #2 - Individually packaged 3" elastic bandage
 - #2 - Rolls of medical tape one inch wide by ten yards in length made of plastic or cloth designed to tear squarely without scissors
 - #4- Individually packaged non-sterile triangular bandages
 - #2 - Individually packaged sterile 3" x 9" occlusive/petroleum gauze dressings
 - #1 - Individually packaged sterile multi-trauma dressing a minimum of 10" x 30" in size
 - #5 - Individually packaged sterile compression bandages pre-sewn and assembled from a sterile 5" x 9" ABD pad and 2 sterile rolled gauze bandages a minimum of 3" in width ready to apply without field assembly
 - #1 - Individually packaged sterile burn sheet a minimum 60" x 96"
 - #1 - 8 ounce pour type container of skin / eye flush solution
 - #1 - Adult size CPR pocket mask with one-way valve packaged in crush resistant case
 - #2 - Number 3 oral airways (90 mm)
 - #2 - Number 4 oral airways (100 mm)
 - #2 - Number 5 oral airways (110 mm)
 - #6 - Mylar Blankets
 - #2 - Penlights w/replaceable batteries
 - #2 - Trauma Shears
 - #1 - Red plastic bio hazardous waste bag a minimum of 24" x 24"

- #10 - Individually packaged antimicrobial hand-wipes
 - #1 - Pair safety goggles
 - #1 - Surgical mask with ear loop attachment
- 11.2 Each trauma kit will be packaged in a water resistant padded trauma bag as follows:
- The trauma bag will have a minimum of four compartments, each individually zipper closed in order to prevent contamination of supplies
 - The bag shall be manufactured or printed with a minimum of twelve (12) square inches of reflective trim
 - The bag shall be manufactured and printed with a reflective "Star-Of-Life" graphic a minimum of 4" in diameter to identify it from other similarly packaged equipment at the scene of a disaster
 - The bag shall be capable of holding the entire contents listed above and shall include a main body compartment at least 8" by 10" by 11½", end pockets a minimum of 8" by 6" by 3" and with an overall length of at least 17½" inches but not greater than 24"
 - Included in the trauma bag will be a minimum of two mesh bags each capable of holding at least 10 pairs of medium or large non-sterile exam gloves and mounted in such a manner as to be accessible with the main compartment open and without removing any of the supplies stored inside

12.0 Trauma Supply Modules

- 12.1 Each DASU shall be equipped with a minimum of three (03) trauma supply modules, each of which will be packaged in a large ALC and each shall contain at a minimum the following treatment supplies:
- #20 - Individually packaged, sterile 5" x 9" ABD pads
 - #100 Pouches Sterile 4" x 4" gauze pads (2 pads per pouch)
 - #24 - 3" x 12' individually packaged sterile rolled gauze bandages
 - #4 - Individually packaged 3" elastic bandages
 - #6 - Rolls of medical tape at least 1" wide by 10 yards in length made of plastic or cloth designed to tear squarely without scissors
 - #12 - Triangular bandages in non-sterile individual packages
 - #12 - Individually packaged sterile 3" x 9" occlusive/petroleum gauze dressings
 - #8 - Individually packaged 10" x 30" sterile multi-trauma dressings
 - #100 - Adhesive bandages a minimum of 1" x 3"
 - #20 - Individually packaged sterile compression bandages pre-sewn and assembled from a sterile 5" x 9" ABD pad and 2 sterile rolled gauze bandages a minimum of 3" in width ready to apply without field assembly
 - #5 - Individually packaged sterile burn sheets a minimum 60" x 96" packaged in a clear pouch for rapid identification
 - #5 - 8 ounce pour type container of skin / eye flush solution
 - #4 - Red plastic bio hazardous waste disposal bags 24" x 24"
 - #5 - Pairs of trauma shears

13.0 Splinting Supply Modules

13.1 Each DASU shall be equipped with a minimum of three splinting supply modules, each of which will be packaged in a medium ALC and each shall contain at a minimum the following treatment supplies:

- 24 - Triangular bandages in non-sterile individual packages
- #12 - 36" SAM splints, folded
- #12 - 18"x9" corrugated cardboard splints with closed cell foam padding of delivery
- #10 - 3" elastic bandages
- #4 - Rolls of medical tape at least 1" wide by 10 yards in length made of plastic or cloth designed to tear squarely without scissors

14.0 Adult Airway Supply Module

14.1 Each DASU shall be equipped with a minimum of three adult airway supply modules, each of which will be packaged in a large ALC and each shall contain at a minimum the following airway management supplies:

- #10 - Non-latex nasopharyngeal airways 24 French diameter
- #10 - Non-latex nasopharyngeal airways 28 French diameter
- #6 each - 2.7 gram packages of water-based surgical lubricant
- #12 - Number 4 (100 mm) oral airways
- #12 - Number 5 (110 mm) oral airways
- #12 - Number 6 (120 mm) oral airways
- #1 - Single tube stethoscope with a combination diaphragm/bell chest piece
- #2 - Manual suction pumps with a disposable 300 milliliter collection container
- #6 - Disposable adult bag valve mask resuscitator bags with a capacity not less than seven-hundred and fifty milliliters and delivered with an adult face mask, reservoir bag and oxygen supply tubing

15.0 Pediatric Airway Supply Modules

15.1 Each DASU shall be equipped with a minimum of one pediatric airway supply module, each of which will be packaged in a large ALC and each shall contain at a minimum the following airway management supplies:

- #24 - Number 2 (80 mm) oral airways
- #24 - Number 3 (90 mm) oral airways
- #24 - Number 4 (100 mm) oral airways
- #1 - Single tube stethoscope with a combination diaphragm/bell chest piece
- #2 - Manual suction pumps with a disposable 300 milliliter collection container
- #6 - Disposable pediatric bag valve mask resuscitator bags delivered with a pediatric face mask, reservoir bag and oxygen supply tubing

16.0 Spinal Immobilization Supplies & Long Bone Splinting Equipment

- 16.1 Each DASU shall be equipped to provide complete spinal immobilization to a minimum of 50 adults
- 16.2 Each unit shall contain a minimum of 50 spine boards which conform to the following specifications:
- The spine boards shall be a minimum of seventy-two inches long
 - The spine boards shall be a maximum of 2 ¼" of an inch thick
 - The spine boards shall be no less than 16" wide
 - The spine boards shall weigh no more than 15 pounds each
 - The spine boards shall support no less than 450 pounds when wet as a result of a pass through a decontamination line
 - The boards shall be delivered ready for use requiring no field assembly
 - The spine boards shall be capable of floating a 165 pound adult in water
 - The spine boards shall be 100% x-ray translucent
 - The design of the spine board shall provide a means to restrain each leg of an adult to the board individually to provide for splinting during decontamination
 - The spine boards shall carry a lifetime warranty
- 16.3 The equipment load shall include 150 backboard straps:
- Straps shall be a minimum of 9' in length
 - The backboard straps shall be manufactured from a nylon material
 - Buckle shall be of a seat belt style
- 16.4 The equipment load shall include a minimum of 10 Pedi-Loc (or equivalent) pediatric immobilizers
- 16.5 The equipment load shall include a minimum of 50 disposable cervical immobilization devices capable of restraining the head of an adult wearing cervical collar to a spine board as follows:
- The head immobilizer shall fold flat for storage and weigh no more than 5 ounces
 - The cervical immobilization device shall be designed such that the head immobilizer does not restrict access for evaluation of the patient's ear canals when in use
 - The cervical immobilization device shall be designed and constructed such that it is 100% x-ray translucent
- 16.6 The equipment load shall include 50 adult cervical collars
- 16.7 The equipment load shall include 30 pediatric cervical collars
- 16.8 The cervical collars shall meet the following specifications:
- The cervical collars shall fold flat for storage
 - The adult cervical collars shall be adjustable and have at least 4 size options
 - The pediatric cervical collars shall be adjustable and have at least 3 size options
 - The cervical collars shall be latex free and hypoallergenic
 - The cervical collars shall be designed with a space to monitor the trachea

- and to assess the carotid pulse of a collared patient
 - The cervical collars shall be 100% x-ray translucent and waterproof
- 16.9 Cervical collars will be packaged in groups of 10 in clearly labeled nylon storage bags designed for the purpose. Bags for adult and child collars shall be of different colors
- 16.10 The equipment load shall include 30 disposable waxed corrugated fiberboard splints each 36" long by 16" wide perforated for application suitable for splinting the leg of a adult patient and is 100% x-ray translucent
- 16.11 The equipment load shall include 20 each 34" long by 12" wide corrugated cardboard splints with closed cell foam padding suitable for splinting the leg of a pediatric patient and is 100% x-ray translucent

17.0 Diagnostic Equipment Module

- 17.1 The DASU shall be equipped with the following diagnostic equipment packaged for transport in a small ALC:
- #8 - Single tube stethoscopes with a combination diaphragm/bell chest piece
 - #4 - Adult blood pressure cuffs with aneroid gauge capable of measuring blood pressure in adults with an arm circumference between 27 and 34 centimeters
 - #1 - Large adult blood pressure cuff with aneroid gauge capable of accurately measuring blood pressure in adults with an arm circumference between 35 and 44 centimeters
 - #1 - Pediatric blood pressure cuff with aneroid gauge capable of accurately measuring blood pressure in children or small adults with an arm circumference between 17 and 26 centimeters
 - #6 Penlights w/replacement batteries

18.0 Infection Control and Personal Protective Equipment

- 18.1 The equipment load for the DASU shall include a medium ALC stocked with the following contents:
- #2 - Boxes of 50 pairs of medium nitrile gloves
 - #3 - Boxes of 50 pairs of large nitrile gloves
 - #3 - Boxes of 50 pairs of extra-large nitrile gloves
- 18.2 The equipment load for the DASU shall include one or two large ALC's stocked with the following contents:
- #20 - Pairs of coveralls in size MEDIUM
 - #20 - Pairs of coveralls that in size LARGE
 - #20 - Pairs of coveralls in size EXTRA-LARGE
- 18.3 The equipment load for the DASU shall include a medium ALC stocked with the following contents:
- #20 - Surgical masks secured to the wearer with ear loops
 - #4 - 1 quart sharps containers
 - #30 - Red plastic bio hazardous waste disposal bags a minimum of 24" x 24"

- #50 - Pairs of foam ear plugs with cords
- #12 - Pair of safety glasses
- #50 - Individually packaged antimicrobial hand wipes that contain parachlorometaxyleneol (PCMX) 0.5% and SD Alcohol 40%
- #1 - Container of 160 alcohol-free germicidal equipment wipes 6" x 6-3/4" pre-saturated with a pre-measured germicidal solution effective against Hepatitis B virus, Methicillin Resistant Staphylococcus Aureus (MRSA), Vancomycin Resistant Enterococcus Faecalis (VRE), Escherichia coli (E-coli) and effective against HIV-1, Influenza A2, and Herpes Simplex
- #48 - Hooded clear plastic rain ponchos, minimum 50" x 80"
- #4 - Rolls of duct tape
- #6 - Waterproof headlights with adjustable headband and large, positive on-off switch
- #48 - Replacement batteries for headlamps

19.0 Patient Transfer Litters

19.1 The equipment load for the DASU shall include at least 2 patient transfer litters with the following specifications:

- The wheeled patient transfer litter shall not exceed 17" in width, 60" in length or 16" in thickness when stored
- The wheeled patient transfer litter shall weigh no more than 50 Lbs
- The wheeled patient transfer litter shall have a rated carrying capacity no less than 450 pounds
- The wheeled patient transfer litter shall be designed such that on flat ground a single responder can load and transport a back-boarded patient weighing a minimum of 165 pounds
- The wheeled patient transfer litters shall be designed such that when loaded the patient and backboard do not rest on the ground but are not more than 16" above the ground
- The wheeled patient transfer litters shall be made from a decontaminable, non-absorbent, material not affected by weather extremes of heat or cold
- The wheeled patient transfer litters shall be finished with paint, powder coating or anodized in a color other than black or green to avoid confusion of equipment with that of military or police tactical medical response units
- The wheeled patient transfer litter shall be designed such that on flat ground and when loaded but not in transit, the patient rests in a level position to prevent spiking intracranial pressure or hypotension

20.0 Miscellaneous Equipment

- 20.1 The equipment load for the DASU shall include a small ALC stocked with Twenty Four 5" x 9" instant cold packs
- 20.2 The equipment load for the DASU shall include a small ALC stocked with Twenty Four 5" x 9" instant hot packs
- 20.3 The equipment load for the DASU shall include a small ALC stocked with

- 200 Mylar blankets
- 20.4 The equipment load for the DASU shall include a medium ALC stocked with the following contents:
- Six Plastic urinals with lids
 - Eight Plastic fracture bed pans
 - Ten Individually packaged antimicrobial hand wipes
 - Two OB kits
- 20.5 The equipment load for the DASU shall include a small ALC stocked with the following contents:
- Fifteen White, medium duty body bags of sealed vinyl construction, 36" x 90" in size, with curved zipper, and without handles
 - Twenty Foil packets of odor masking agent
- 20.6 One PETT field deployable toilet system with privacy shelter
- 20.7 One Hand-Truck with nose-plate extension

21.0 ALS Kits

- 21.1 Each DASU shall be equipped with a minimum of 2 ALS kits, each of which will contain at a minimum the following treatment supplies:
- Ten Individually packaged sterile 5" x 9" ABD pads
 - Twenty Pouches - Sterile 4" x 4" gauze pads (2 pads per pouch)
 - Four 3" x 12' individually packaged sterile rolled gauze bandages
 - One individually packaged 3" elastic bandage
 - Two rolls of medical tape one inch wide by ten yards in length made of plastic or cloth designed to tear squarely without scissors
 - Four Individually packaged non-sterile triangular bandages
 - Two Individually packaged sterile 3" x 9" occlusive/petroleum gauze dressings
 - One Individually packaged sterile multi-trauma dressing a minimum of 10" x 30" in size
 - Five Individually packaged sterile compression bandages pre-sewn and assembled from a sterile 5" x 9" ABD pad and 2 sterile rolled gauze bandages a minimum of 3" in width ready to apply without field assembly
 - One Individually packaged sterile burn sheet a minimum 60" x 96"
 - One 8 ounce pour type container of skin / eye flush solution
 - One Adult size CPR pocket mask with one-way valve packaged in crush resistant case
 - Two Number 0 oral airways (60 mm)
 - Two Number 1 oral airways (70 mm)
 - Two Number 2 oral airways (80 mm)
 - Two Number 3 oral airways (90 mm)
 - Two Number 4 oral airways (100 mm)
 - Two Number 5 oral airways (110 mm)
 - Six Mylar blankets
 - One Disposable penlights
 - Four Red plastic bio hazardous waste bag a minimum of 24" x 24"

- Ten Individually packaged antimicrobial hand wipes
- One Surgical mask secured to the wearer with ear loops
- One Pair of safety glasses
- One Single tube stethoscopes with a combination diaphragm/bell chest piece
- Two Adult blood pressure cuffs with aneroid gauge capable of measuring blood pressure in adults with an arm circumference between 27 and 34 centimeters
- Two Disposable adult bag valve mask resuscitator bags with a capacity not less than seven-hundred and fifty milliliters and delivered with an adult face mask, reservoir bag and oxygen supply tubing
- Two Manual suction pumps with a disposable 300 milliliter collection container
- Four ET tube stylettes

21.2 Nylon Intubation Equipment Carry Case capable of containing:

- One Laryngoscope Handle using "C" batteries
- One #0 Miller laryngoscope blade
- One #1 Miller laryngoscope blade
- One #2 Miller laryngoscope blade
- One #3 Miller laryngoscope blade
- One #2 Macintosh laryngoscope blade
- One #3 Macintosh laryngoscope blade
- One #4 Macintosh laryngoscope blade
- Two "C" size batteries
- One Adult Magill forceps
- One Pediatric Magill Forceps
- Twelve 2.7gm foil packets of water soluble surgical lubricant
- Five 12cc syringes without needles
- Two Syringe style esophageal intubation detectors
- Twelve Precut sections of trach tape for securing ET tubes
- Two 3.0mm un-cuffed ET tubes
- Two 4.0mm un-cuffed ET tubes
- Two 5.0mm un-cuffed ET tubes
- Two 6.0mm cuffed ET tubes
- Four 7.0mm cuffed ET tubes
- Four 7.5mm cuffed ET tubes
- Two 8.0mm cuffed ET tubes
- Two Stylettes-Adult
- Two Stylettes- Pediatric

21.3 Each ALS kit will be packaged in a water resistant padded trauma bag as follows:

- The trauma bag will have a minimum of four compartments, Each individually zipper closed in order to prevent contamination of supplies
- The bag shall be manufactured or printed with a minimum of twelve (12) square inches of reflective trim
- The bag shall be manufactured and printed with a reflective "Star-Of-Life"

- graphic a minimum of 4" in diameter to identify it from other similarly packaged equipment at the scene of a disaster
- The bag shall be capable of holding the entire contents listed above and shall include a main body compartment at least 8" by 10" by 11½", end pockets a minimum of 8" by 6" by 3" and with an overall length of at least 17½" inches but not greater than 24"
- Included in the trauma bag will be a minimum of two mesh bags each capable of holding at least 10 pairs of medium or large non-sterile exam gloves and mounted in such a manner as to be accessible with the main compartment open and without removing any of the supplies stored inside

22.0 Patient Comfort

- 22.1 The equipment load for the DASU shall include at least 2 rolling blanket containers each containing 35 40" x 80" blankets made of 100% polyester

23.0 Oxygen Cylinders

- 23.1 Each DASU shall be equipped with a minimum of two (02) "H" size oxygen cylinders and ten (10) "D" size oxygen cylinders
- 23.2 "H" Cylinders shall be secured to a wheeled mechanism to allow them to be removed from DASU
- 23.3 While in DASU, "H" Cylinders and Cart shall be securely fastened to the wall of the DASU
- 23.4 Securing system for cylinder and cart shall be designed in such a way so as to allow for rapid deployment without the need for any tools
- 23.5 While in the DASU, "D" Cylinders shall be secured in an appropriate rack mounted on the wall or floor

24.0 Mass Oxygen Administration Equipments Modules

- 24.1 Each DASU shall be equipped with a minimum of two (02) mass oxygen administration equipment modules, each of which will be packaged in a small ALC and each shall contain at minimum the following equipment:
- One 5 outlet oxygen manifold, each outlet having the capability of flow rates of 0-15 LPM, and with a male DISS inlet
 - Two 20' high pressure green oxygen hoses with female DISS nuts on each end
 - One oxygen tank pressure reducer with CGA-540 connection and providing a pressure of 50psi
 - One oxygen tank wrench with cable capable of tightening or loosening both a CGA-540 fitting and a DISS fitting
 - Five single outlet oxygen regulators with flow ratings from 0-10 liters per minute to fit "D" cylinders

25.0 Oxygen Administration Supplies Module

- 25.1 Each DASU shall be equipped with a minimum of 50 adult oxygen canulas, each of which will be packaged in a small ALC
- 25.2 Each DASU shall be equipped with a minimum of 50 adult oxygen reservoir masks, each of which will be packaged in a medium ALC
- 25.3 Each DASU shall be equipped with a minimum of 25 pediatric oxygen masks

26.0 IV Supplies Module

- 26.1 Each DASU shall be equipped with a minimum of Two (02) IV supplies module, each of which will be packaged in a medium ALC and each shall contain at a minimum the following IV supplies:
- 48- 1,000 cc bags of Normal Saline Solution
 - 50 - Macro drip IV tubing sets
 - 50 - Micro drip IV tubing sets
 - 50 - IV start kits containing tourniquet,
 - 50 - 14 gauge safety style IV catheters
 - 50 - 16 gauge safety style IV catheters
 - 50 - 18 gauge safety style IV catheters
 - 50 - 20 gauge safety style IV catheters
 - 50 - 22 gauge safety style IV catheters
 - 50 - 24 gauge safety style IV catheters

27.0 Portable Flood Lights

- 27.1 Each DASU shall be equipped with a minimum of two (02) portable floodlights
- 27.2 Each floodlight shall be 500 watts
- 27.3 Each floodlight shall be mounted on a heavy duty tripod
- 27.4 Each floodlight shall have standard household type plugs
- 27.5 Each floodlight shall be securely mounted within the DSU; Mounts shall allow the lights to be rapidly deployed without the use of tools
- 27.6 Each DASU shall be equipped with a minimum of two (02) 14 gauge all weather extension cords 50 foot in length

28.0 Generator System

- 28.1 Each DASU shall be equipped with a portable gasoline powered generator
- 28.2 Generator shall rated at a minimum of 3,000 watts sustained output at 110 volts
- 28.3 Generator shall be ultra quiet (Honda Type)
- 28.4 Generator shall be carried securely in a weatherproof outside compartment of the DASU, isolated from any medical supplies or equipment
- 28.5 Generator shall be secured in the compartment in such a way as to be capable of being removed from the compartment for portable use
- 28.6 Two 5 gallon Type I safety cans for storing gasoline shall be included; Gasoline cans must be mounted outside main cargo area of DSU so as to be isolated from any medical supplies or equipment

29.0 Emergency Radios

29.1 All vehicles will be delivered to DGS Fleet Administration in Sacramento, California for radio installation and certification

30.0 Placement

30.1 All vehicles will be placed via Memorandum of Understanding (MOU) between the state and local providers. Vehicles are to be maintained, driven and utilized per the language contained in the MOU.



State of California
Emergency Medical Services Authority

EMSA VEHICLE TURN OVER FORM

By signing this form, you as a representative of your entity/agency, agree to accept the Disaster Medical Support Unit (DMSU) vehicle and acknowledge that you have read and agree to items (1) **DMSU KEYS** and (2) **DMSU MODIFICATIONS** below:

(1) **DMSU KEYS:** I have received ___ (# of) keys, including vehicle ignition and all body access doors to this DMSU vehicle and my agency/entity will maintain control of the vehicle keys. In the case that the keys to this vehicle are lost and/or stolen, a report shall immediately be filed with the EMS Authority (EMSA) contact below:

Fleet Manager
Emergency Medical Services Authority
10173 Croydon Way, Ste 4
Sacramento, CA 95827

916 255-4162 office
916 255-4796 fax

(2) **DMSU MODIFICATIONS:** Providers may not alter the appearance of the vehicle in any way except for specific text which states: "Mutual Aid Provided by ___" and or company logo. However, this text and logo can only be placed in the area as indicated on the attached diagram. The State reserves the right to require the modification, removal or relocation of any graphics, logos, or lettering placed on the vehicle, and failure to comply with such a request upon reasonable notice is grounds for termination of the DMSU use agreement. If you have any questions, please contact the EMSA Fleet Manager at 916-255-4162 before any modifications are made to the DMSU.

Make: 2007 Ford
Model: E-450 Super Duty Cutaway Van (White)

VIN Number: _____

RECIPIENT:

STATE OF CALIFORNIA:

Name/Title

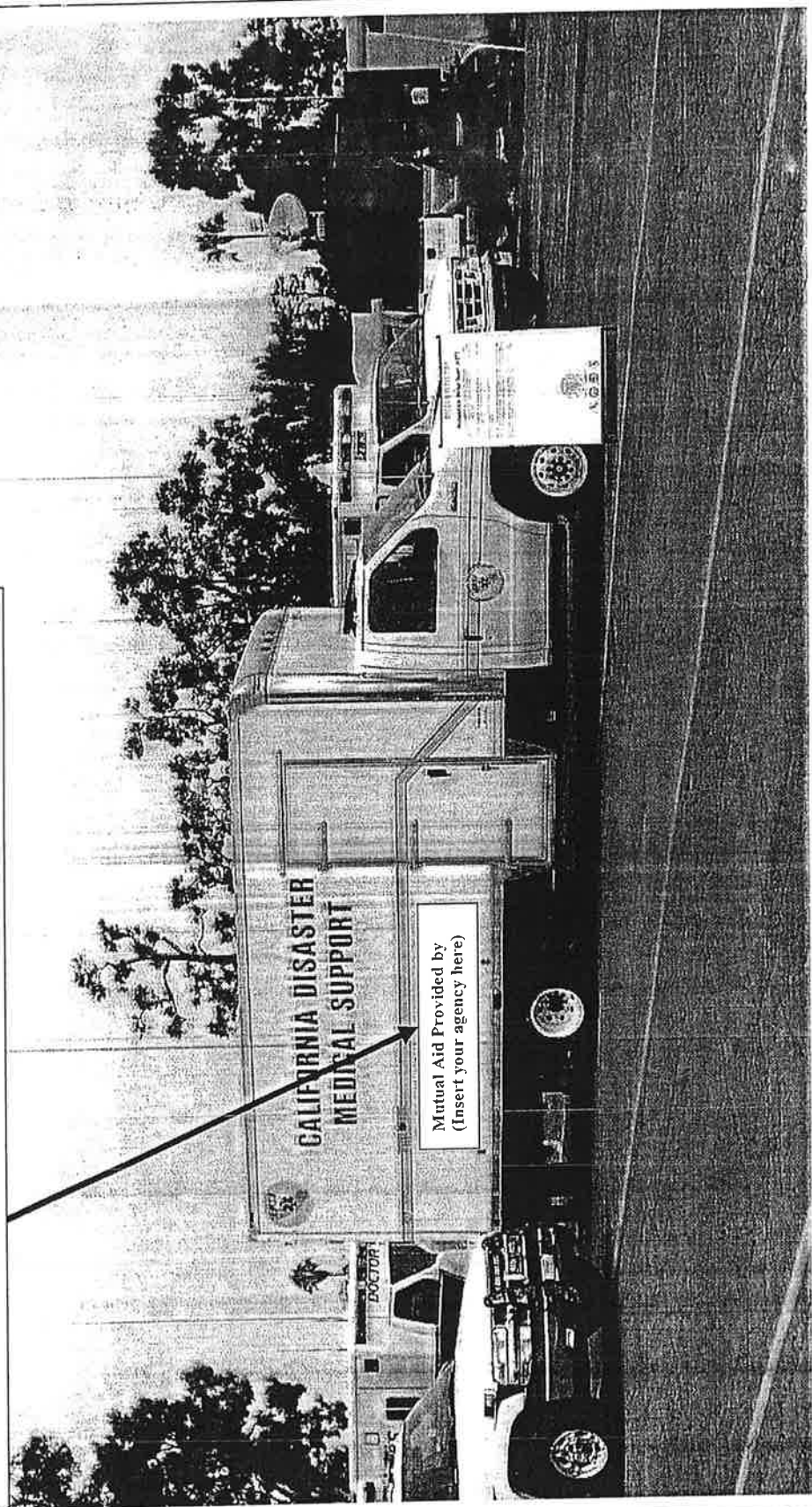
Name/Title
California State Emergency Medical
Services Authority

Date:

Date:

DMSU EXTERNAL APPEARANCE/MODIFICATIONS

The addition of specific mutual aid text or company logo is the **ONLY** permissible change that can be made to the DMSU. The text or logo must appear as indicated below, beneath the reflective stripe on the sides of the box. The company logo may also be placed on the front of the box above the light bar and on rear doors above the reflective stripe. At no time may any state markings be modified, removed or altered in any way including the vehicle color scheme.



Public Safety Communications Shops and Areas

Communications shops are part of the Operations Section and are divided into areas throughout the state. The listing below is arranged by these areas which are shown on the map.

For communications maintenance or service, you may call the shop directly or the 24 hour Maintenance Hotline toll free number at 888-657-6577 or our local number at 916-657-9999.

Some of the shops are staffed by only one technician who may not be immediately available to take your call. If that is the case, you may either:

1. Leave a message on the shop answering machine,
2. Call the associated Area Office for service, or
3. Call the Maintenance Hotline.

Outside of normal business hours, call the Maintenance Hotline.

MAINTENANCE HOTLINE
 Toll Free Phone: 888-657-6577
 Local Public Phone: 916-657-9999

STATE OF CALIFORNIA
PUBLIC SAFETY COMMUNICATIONS OFFICE
OPERATIONAL AREAS AND SHOP LOCATIONS



Area 1 Area Office

Shop Location	Address	Telephone Number Public
Crescent City	1025 Highway 101 North	707-464-6813

Arcata	4671 West End Road	707-822-2121
Santa Rosa	5468 Skylane Blvd., Sulte B	707-576-2355
Ukiah	90 W. Lake Mendocino Drive	707-463-4716

Area 2 Area Office

Shop Location	Address	Telephone Number Public
Red Bluff	604 Antelope Blvd.	530-527-3818
Redding	2466 Progress Drive	530-225-2825
Susanville	1545 Paul Bunyan Drive, Sulte B	530-257-6951
Yreka	1803 Fairlane Road	530-842-3712

Area 3 Area Office

Shop Location	Address	Telephone Number Public
Northern Maintenance Center	601 Sequola Pacific Blvd.	916-657-9154
Equipment Preparation Shop	601 Sequola Pacific Blvd.	916-657-9960
Technical Support	601 Sequola Pacific Blvd.	916-657-9960

Area 4 Area Office

Shop Location	Address	Telephone Number Public
West Sacramento Radio Depot	3300 Reed Avenue	916-372-2988
Vallejo	1551 Benicia Road	707-551-4111
Fairfield	1200 Western Street, Bay A	707-428-2049

Area 5 Area Office

Shop Location	Address	Telephone Number Public
Auburn	11860 Kemper Road, #5	530-885-3881
Nevada City	10250 Ridge Road	530-265-5110
Sacramento	4620 Northgate Blvd., #130	916-925-9186
Truckee	10152 Kleser Avenue	530-587-3817
Oroville	150 Chuck Yeager Way, Suite K	530-533-4360

Area 6 Area Office

Shop Location	Address	Telephone Number Public
Bishop	500 South Main Street	760-873-4520
Camino	2840 Mt. Danaher Road	530-644-2655
San Andreas	785 Mountain Ranch Road	209-754-4134
Sonora	14969 Carnage, Unit A	209-532-4180
Stockton	1604 South B Street	209-948-3636

Area 7 Area Office

Shop Location	Address	Telephone Number Public
Oakland	3601 Telegraph Avenue	510-450-3808
San Francisco	30 Rickard Street	415-557-3590
San Jose	2149 O'Toole Avenue, Sulte L	408-232-0017
Salinas	1143 Westridge Parkway	831-755-8643
San Luis Obispo	812 Fiero Lane, Unit D	805-549-3366

Area 8 Area Office

Shop Location	Address	Telephone Number Public
Bakersfield	1226 Olive Drive	661-395-2748
Fresno	2508 N. Business Park Avenue	559-347-0685
Fresno Install	2508 N. Business Park Avenue	559-347-0692
Visalla	1988 South Lovers Lane	559-732-2729
Merced	2120 Cooper Avenue, Suite A	209-726-6507

Area 9 Area Office

Shop Location	Address	Telephone Number Public
Los Angeles Vermont	4016 Rosewood Avenue	323-259-2018
Santa Clarita	25030 Avenue Stanford, #150	661-295-5096
Ventura	4601 Telephone Road, #116	805-654-4700
Van Nuys	7277 Hayvenhurst Avenue, #B-7	818-908-6677
Baldwin Park	13111 Brooks Drive, Suite L	626-575-6723
Signal Hill	3259 Walnut Avenue	562-492-1365

Area 10 Area Office

Shop Location	Address	Telephone Number Public
San Bernardino	3855 N. Genevieve Street	909-881-2901
Victorville	15400 Tamarack Drive, Unit A	760-955-5929
Ontario Install	1260 East Locust Street, #304	909-947-6190

Area 11 Area Office

Shop Location	Address	Telephone Number Public
Escondido	1291 Pacific Oaks Place, Suite 113	760-747-1646
Riverside	6210 River Crest Drive	951-653-4170
Riverside Mobile Install	6210 River Crest Drive	951-697-9024
Palm Desert	77-799 Jackal Drive, #C	760-345-7995

Public Safety Communications Area Supervisors

Area 1

Ron Morgan
Public Safety Communications Office
419 Talmage Road, Suite K
Ukiah, CA 95482
Office Phone: 707-463-4714
Email: Ron.Morgan@state.ca.gov

Area 2

Russell Lindauer
Public Safety Communications Office
2466 Progress Drive
Redding, CA 96001
Office Phone: 530-224-4881
Email: Russell.Lindauer@state.ca.gov

Area 3

Don Manzer
Public Safety Communications Office
601 Sequoia Pacific Blvd.
Sacramento, CA 95811-0231
Office Phone: 916-657-9438
Email: Don.Manzer@state.ca.gov

Area 4

Augustine Granadoz
Public Safety Communications Office
601 Sequoia Pacific Blvd.
Sacramento, CA 95811-0231

Office Phone: 916-657-6103
Email: Augustine.Granadoz@state.ca.gov

Area 5

Dan Delgadillo
Public Safety Communications Office
11860 Kemper Road, #5
Auburn, CA 95603
Office Phone: 530-823-3125
Email: Daniel.Delgadillo@state.ca.gov

Area 6

Ed Janowiak
Public Safety Communications Office
2538 Mercantile Drive, Suite H
Rancho Cordova, CA 95742
Office Phone: 916-464-6372
Email: Ed.Janowiak@state.ca.gov

Area 7

Jim Lohr
Public Safety Communications Office
365 Victor Street, Suite E
Salinas, CA 93907
Office Phone: 831-443-3073
Email: James.Lohr@state.ca.gov

Area 8

Arthur W. Norton
Public Safety Communications Office
2508 N. Business Park Avenue
Fresno, CA 93711-8636
Office Phone: 559-347-0687
Email: Arthur.Norton@state.ca.gov

Area 9

John H. Davis
Public Safety Communications Office
7277 Hayvenhurst Avenue, #B-8
Van Nuys, CA 91406
Office Phone: 818-786-2297
Email: John.Davis@state.ca.gov

Area 10

Dorothy S. Moore
Public Safety Communications Office
1260 E. Locust Street, #304
Ontario, CA 91761-5629
Office Phone: 909-947-1750
Email: Dorothy.Moore@state.ca.gov

Area 11

Paul Clay
Public Safety Communications Office
1291 Pacific Oaks Place, Suite 100
Escondido, CA 92029
Office Phone: 760-738-7512
Email: Paul.Clay@state.ca.gov



Exhibit B					
EMSA Kenwood TK-5710 VHF					
Group #	Channel #	Channel Name	Receive Freq	Receive PL	Transmit Freq
1	1	CALCORD	156.0750	CSQ	156.0750
1	2	CESRS C/C	153.7550	192.8	153.7550
1	3	CESRS T1	153.7550	192.8	154.9800
1	4	CESRS T2	153.7550	192.8	154.9800
1	5	CESRS T3	153.7550	192.8	154.9800
1	6	CESRS T4	153.7550	192.8	154.9800
1	7	CESRS T5	153.7550	192.8	154.9800
1	8	CESRS T6	153.7550	192.8	154.9800
1	9	CESRS T7	153.7550	192.8	154.9800
1	10	CESRS T8	153.7550	192.8	154.9800
1	11	CESRS BT	153.7550	192.8	154.9800
1	12	HEAR	155.3400	CSQ	155.3400
1	13	VMED 28	155.3400	CSQ	155.3400
1	14	VMED 29	155.3475	CSQ	155.3475
1	15	VCALL	155.7525	156.7	155.7525
1	16	VTAC 1	151.1375	156.7	151.1375
1	17	VTAC 2	154.4525	156.7	154.4525
1	18	VTAC 3	158.7375	156.7	158.7375
1	19	VTAC 4	159.4725	156.7	159.4725
1	20	NWS 1	162.4000	CSQ	NONE
1	21	NWS 2	162.4250	CSQ	NONE
1	22	NWS 3	162.4500	CSQ	NONE
1	23	NWS 4	162.4750	CSQ	NONE
1	24	NWS 5	162.5000	CSQ	NONE
1	25	NWS 6	162.5250	CSQ	NONE
1	26	NWS 7	162.5500	CSQ	NONE

Exhibit B					
EMSA Kenwood TK-5710 VHF					
Group #	Channel #	Channel Name	Receive Freq	Receive PL	Transmit Freq
1	1	CALCORD	156.0750	CSQ	156.0750
1	2	CESRS C/C	153.7550	192.8	153.7550
1	3	CESRS T1	153.7550	192.8	154.9800
1	4	CESRS T2	153.7550	192.8	154.9800
1	5	CESRS T3	153.7550	192.8	154.9800
1	6	CESRS T4	153.7550	192.8	154.9800
1	7	CESRS T5	153.7550	192.8	154.9800
1	8	CESRS T6	153.7550	192.8	154.9800
1	9	CESRS T7	153.7550	192.8	154.9800
1	10	CESRS T8	153.7550	192.8	154.9800
1	11	CESRS BT	153.7550	192.8	154.9800
1	12	HEAR	155.3400	CSQ	155.3400
1	13	VMED 28	155.3400	CSQ	155.3400
1	14	VMED 29	155.3475	CSQ	155.3475
1	15	VCALL	155.7525	156.7	155.7525
1	16	VTAC 1	151.1375	156.7	151.1375
1	17	VTAC 2	154.4525	156.7	154.4525
1	18	VTAC 3	158.7375	156.7	158.7375
1	19	VTAC 4	159.4725	156.7	159.4725
1	20	NWS 1	162.4000	CSQ	NONE
1	21	NWS 2	162.4250	CSQ	NONE
1	22	NWS 3	162.4500	CSQ	NONE
1	23	NWS 4	162.4750	CSQ	NONE
1	24	NWS 5	162.5000	CSQ	NONE
1	25	NWS 6	162.5250	CSQ	NONE
1	26	NWS 7	162.5500	CSQ	NONE

Exhibit C

EMSA Kenwood TK-5810 UHF

Group #	Channel #	Channel Name	Receive Freq	Receive PL	Transmit Freq	Transmit PL
1	1	MED 9	462.9500	CSQ	467.9500	CSQ
1	2	MED 10	462.9750	CSQ	467.9750	CSQ
1	3	MED 1	463.0000	CSQ	468.0000	CSQ
1	4	MED 2	463.0250	CSQ	468.0250	CSQ
1	5	MED 3	463.0500	CSQ	468.0500	CSQ
1	6	MED 4	463.0750	CSQ	468.0750	CSQ
1	7	MED 5	463.1000	CSQ	468.1000	CSQ
1	8	MED 6	463.1250	CSQ	468.1250	CSQ
1	9	MED 7	463.1500	CSQ	468.1500	CSQ
1	10	MED 8	463.1750	CSQ	468.1750	CSQ
1	11	UCALL	453.2125	CSQ	458.2125	156.7
1	12	UTAC 1	453.4625	CSQ	458.4625	156.7
1	13	UTAC 2	453.7125	CSQ	458.7125	156.7
1	14	UTAC 3	453.8625	CSQ	458.8625	156.7

Narrowband

Narrowband

Narrowband

Narrowband