

**SAN FRANCISCO EMERGENCY MEDICAL SERVICES AGENCY
VEHICLE EQUIPMENT SUPPLY LIST - EMSAC January 2024**

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Effective: xxxxxxxx
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Attachment 1: Minimum Equipment Requirements for First Response and Ambulances

Line #	AIRWAY / RESPIRATORY	BLS First Response	BLS Amb	ALS First Response	ALS Amb
1	M, or H oxygen cylinder	-	1	-	1
2	Oxygen Flowmeter capable of delivering 2-15 LPM	-	1	-	1
3	D or E size oxygen cylinders	2	3	2	3
4	Regulators for D/E Oxygen Cylinders capable of delivering 2-15 LPM	1	1	1	1
5	Nasal Cannulas - Adult	2	2	2	2
6	Nasal Cannulas - Pedi	1	2	1	2
7	Simple Oxygen Masks - Infant	-	1	-	1
8	Non-Rebreather Masks - Adult	1	2	1	2
9	Non-Rebreather Masks - Pedi	1	1	1	1
10	Bag Valve Masks - Adult	2	2	2	2
11	Bag Valve Masks - Pedi	2	2	2	2
12	Bag Valve Masks - Infant	2	2	2	2
13	Oral Airway, Set, with sizes 0, 1, 2, 3, 4, 5, & 6	1	1	1	1
14	Nasal Pharyngeal Airways Set of sizes 26, 28, 30, 32, & 34 Fr	1	1	1	1
15	Tongue Depressors	2	2	2	2
16	Portable Suction Device - Manual Pump Type OR Battery Operated	1	1	1	1
17	Rigid Pharyngeal Tonsil Tip (Yankauer Suction)	1	1	1	1
18	Suction Tubing	1	2	1	2
19	Pediatric Suction Bulb (sterile)	-	1	-	1
20	Suction Catheters 6, 8, 10, 12, & 14 Fr	-	-	1	1
21	Supra-Glottic Laryngeal Airway (igel), Adult, Sizes 3, 4 & 5	-	-	1	1
22	Supra-Glottic Laryngeal Airway (igel), Pedi/Infant, Size 1.0, 1.5, 2.0, 2.5	-	-	1	1
23	Uncuffed Endotracheal Tubes, 2.0, 2.5, 3.0	-	-	2	2
24	Meconium Aspirator	-	-	2	2
25	Cuffed Endotracheal Tubes, 6.0, 6.5, 7.0, 7.5, 8.0, & 8.5	-	-	2	2
26	ET Tube holder or ties	-	-	2	2
27	Laryngoscope Blades w/ extra bulbs, Miller Type: 0, 1, 2, 3, & 4	-	-	1	1
28	Laryngoscope Blades w/ extra bulbs, Macintosh Type: 1, 2, 3, & 4	-	-	1	1
29	(Optional) Video Laryngoscope Blades (Approved by EMSA), Adult and Child Sizes	-	-	1	1
30	Large Laryngoscope Handle	-	-	1	1
31	Small Laryngoscope Handle	-	-	1	1
32	Stylets: Adult (If not in ETT)	-	-	1	1
33	Magill Forceps, Adult	-	-	1	1
34	Magill Forceps, Pedi	-	-	1	1
35	Handheld Nebulizer (or Mask)	-	-	2	2
36	Needle Cricothyroidotomy Kit (WITHOUT scalpel)	-	-	1	1
37	CPAP Device able to deliver PEEP of 10 cm H2O, breathing circuits, masks	-	-	1	1
38	Electronic Capnography device (may be integrated in cardiac monitor)	-	-	1	1
39	Capnography filter line with adapter to connect to ET tube	-	-	1	1
40	ETCO2 monitoring cannula	-	-	2	2
41	Pulse Oximeter (may be integrated into cardiac monitor)	-	-	1	1
42	(Optional) Carboxyhemoglobin Monitor (may be integrated into cardiac monitor)	-	-	1	1
43	Adult Finger Probes for pulse oximetry (reusable)	-	-	1	1
44	Pediatric Finger Probes for pulse Oximetry	-	-	1	1
45	Infant Finger Probes for pulse Oximetry	-	-	1	1
46	Jet Insufflation Ventilator for Needle Cricothyroidotomy	-	-	1	1
	CARDIOVASCULAR	BLS First Response	BLS Amb	ALS First Response	ALS Amb
47	Semi-automatic defibrillator	1	1	-	-
48	Semi-automatic defibrillator pads – Adult (disposable razors are recommended as optional stock)	1	1	-	-
49	Semi-automatic defibrillator pads - Pedi	1	1	-	-

50	Stethoscope	1	1	1	1
51	Blood Pressure Cuff - Adult	1	1	1	1
52	Blood Pressure Cuff - Obese or Thigh	-	1	1	1
53	Blood Pressure Cuff - Pedi	-	1	1	1
54	Blood Pressure Cuff - Infant	-	1	1	1
55	Portable Cardiac Monitor-Defibrillator, w/ cables, capable of: 1. Monitoring, defibrillation, transcutaneous pacing, synchronized cardioversion, and electrical discharge < 25 joules; 2. Monitoring ETCO2, SpO2, and blood pressure with automatic cuff for all ages; 3. Printing, transmitting, and ability to send 12-lead EKGs to all STAR centers/EMS Agency on current EMS Agency platform; 4. Providing integrated real time CPR feedback and view underlying rhythm during CPR compressions; 5. Monitor data file compatibility that can be submitted to current EMS Agency cardiac case review network for post case analysis and feedback; 6. Ability to operate in pediatric / neonate AED modes; 7. Interoperability with STAR hospital crash cart monitors; 8. Produce a code summary post incident.	-	-	1	1
56	ECG recording paper, compatible with monitor	-	-	1	1
57	Multi-function defibrillation pads - Adult, compatible with monitor with compression feedback puck	-	-	1	2
58	Multi-function defibrillation pads - Pedi, compatible with monitor with compression feedback puck	-	-	1	1
BURNS / TRAUMA / WOUND CARE		BLS First Response	BLS Amb	ALS First Response	ALS Amb
59	Burn Sheets - Sterile (disposable type)	1	1	1	1
60	Quick Clot Combat Gauze (No Size)	2	2	2	2
61	Sterile gauze pads 4" x 4," 12 per box	1	1	1 box	1 box
62	Nonsterile 4" x 4" gauze pads, 200 per box	1	1	1 box	1 box
63	Abdominal Dressing, 8" x 10" or 5"x9" or similar size	2	4	2	4
64	Trauma Dressings, 10" x 30" or larger	2	2	2	2
65	Stretch-style Sterile Gauze Rolls 4" or 5"	4	4	4	4
66	Chest Seals or Petroleum Gauze Pads, 4" x 6" or 3" x 9" (or similar size)	4	4	4	4
67	Triangular Bandages	2	2	2	2
68	Cloth Tape 2"	3	3	3	3
69	Combat Application Tourniquets OR approved equivalent*	1	1	1	1
70	Elastic Bandages 3"	1	1	1	1
71	Band-Aids 1", 10 strips	1	1	1	1
72	Instant Cold Packs	2	2	2	6
73	*Acceptable equivalent includes Combat Application Tourniquet, Emergency and Military Tourniquet, or Special Operations Forces Tactical Tourniquet				
IMMOBILIZATION / EXTRICATION		BLS First Response	BLS Amb	ALS First Response	ALS Amb
74	Spine Board	1	1	1	1
75	Lightweight head immobilizer blocks (set)	1	1	1	1
76	4 seatbelt type straps, 3 long/box straps, or 1 set of spider straps	1	1	1	1
77	Cervical Collars: Adult	2	2	2	2
78	Cervical Collars: Pedi	2	2	2	2
79	Extremity splint, cardboard or similar product, small 12 - 18"	2	2	2	2
80	Extremity splint, cardboard or similar product, medium 18 - 24"	1	1	2	2
81	Extremity splint, cardboard or similar product, large 24 -36"	2	2	2	2
82	Traction Splints: Sager or HARE (adult and pedi size) OR Kendrick Traction Device (one size)	1 each size	1 each size	1 each size	1 each size
83	Kendrick Extrication Device (KED)	1	1	1	1
84	Pediatric Spinal Immobilization Device	1	1	1	1
85	"Breakaway" OR "Flat" Stretcher	-	1	-	1
86	Stair chair (OR feature that allows gurney to adjust to seated position)	-	1	-	1
87	Patient Gurney with shoulder harness and limb belts	-	1	-	1
88	(OPTIONAL:) Scoop Stretcher	-	1	-	1
89	Extremity Restraints - Wrist & Ankle	-	1	-	1

90	Pediatric Gurney Restraint/Seatbelt Device	-	1	-	1
INFECTION CONTROL / CREW PPE		BLS First Response	BLS Amb	ALS First Response	ALS Amb
91	Disinfectant Solution or Spray	1	1	1	1
92	Disinfectant Wipes	-	1	-	1
93	Hand sanitizer	1	1	1	1
94	Long-sleeve impermeable gowns	-	1/crew member	-	1/crew member
95	Pair of heavy duty gloves	-	1/crew member	-	1/crew member
96	Safety glasses or goggles	-	1/crew member	-	1/crew member
97	Plastic trash bags	-	1	-	1
98	Infectious waste bags (red biohazard bags)	1	1	1	1
99	Spit socks or hoods	1	2	1	2
100	Helmet: OSHA approved "hard hat" or equivalent	-	1/crew member	-	1/crew member
101	N-95 Masks, in sizes for all crew members	5	5	5	5
102	P100 Masks, as Required for Interventions	-	-	2	2
103	On Supervisor Rig, ONLY (if available): DuoDote Autoinjectors	18	18	18	18
104	On Supervisor Rig, ONLY: Level C PPE Suit	-	2	-	2
105	On Supervisor Rig, ONLY: PAPR (OR SCBA with extra air cylinders) for each Level C Suit	-	2	-	2
PEDIATRIC		BLS First Response	BLS Amb	ALS First Response	ALS Amb
106	Pediatric Length-Based Resuscitation Tape	1	1	1	1
107	Stuffed toy for children	-	1	-	1
OBSTETRIC		BLS First Response	BLS Amb	ALS First Response	ALS Amb
108	Obstetrical Kit w/ umbilical cord clamps; receiving blanket; infant bunting blanket; infant warming cap; sterile scissors or scalpel; suction bulb; OB pad; plastic bag for placenta	1	1	1	1
MISCELLANEOUS		BLS First Response	BLS Amb	ALS First Response	ALS Amb
109	Digital Thermometer	1	1	1	1
110	Trauma Shears	1	1	1	1
111	Water soluble lubricant, small packets	10	10	10	10
112	Penlights	2	2	2	2
113	1 Roll of Paper Towels, OR Equivalent of Disposable Towels	-	1	-	1
114	Disposable Blankets	1	2	1	2
115	Wool blend blankets	1	1	1	1
116	Chemical Heating Blanket (Ready-Heat Blanket or equivalent)	-	1	-	1
117	Sealable bags, gallon-size (e.g. Ziploc)	3	3	3	3
118	Emesis (Kidney) Basins or Bags	-	1	-	1
119	Urinal	-	1	-	1
120	Bedpan	-	1	-	1
121	Sharps Container	-	1	1	1
122	Flashlight with extra batteries or entire extra flashlight	1	1	1	1
123	Drinking water - 1 gallon	-	1	-	1
124	San Francisco County Map or GPS Device	-	1	-	1
125	San Francisco EMS Agency Protocol Manual, current version on Paper or Electronic Format (e.g. Protocol App on Mobile Device)	1	1	1	1
126	Pre-hospital Care Report (paper) OR 1 E-PCR Device	20	20	20	20
127	Fire Extinguisher, A/B/C rated, w/maintenance tag < 1 year	-	1	-	1
128	Road Flares	4	4	4	4
129	Fully Functional Automatic Vehicle Locator (AVL) Compatible with SF Department of Emergency Communications (DEC)	1	1	1	1
MEDICATIONS		BLS First Response	BLS Amb	ALS First Response	ALS Amb
NOTE: The quantities (mg/gms) listed below only represent the total amount of a medication STOCK. It does NOT represent medication dosages. Refer to Treatment Protocols for medication dosages.					
130	Activated Charcoal (Aqueous suspension)	-	-	50 gms	50 gms
131	Adenosine	-	-	18 mgs	18 mgs
132	Albuterol Unit Dose, 2.5mg/3mL solution	-	-	20 mgs	20 mgs

133	Amiodarone	-	-	600 mgs	600 mgs		
134	Aspirin	1620 mgs (20 tabs)	1620 mgs (20 tabs)	1620 mgs (20 tabs)	1620 mgs (20 tabs)		
135	Atropine Sulfate, 1mg/10mL preload	-	-	3 mgs	3 mgs		
136	Atropine Sulfate, 8mg/20ml multi-dose vial	-	-	8 mgs	8 mgs		
137	Calcium Chloride (10%), 1g/10mL	-	-	1 gm	1 gm		
138	Dextrose 10%, 25 gm premixed solution in 250mL bag	-	-	50 gms	50 gms		
139	Diphenhydramine IV	-	-	100 mgs	100 mgs		
140	Dopamine 400mg premixed in 250mL D5W OR equivalent (NOTE - Supply 250 ml D5W in addition to Dopamine vials if you do not stock premix)	-	-	800-mg	800-mgs		
140	141	Epinephrine 1:1,000, 1mg/1mL	-	-	6 mgs	6 mgs	
141	142	Epinephrine 1:10,000, 1mg/10mL	-	-	4 mgs	4 mgs	
142	143	(REQUIRED optional for EMTs) Adult epinephrine auto-injector	prefilled dose	prefilled dose	-	-	
143	144	(REQUIRED optional for EMTs) Pediatric epinephrine auto-injector	prefilled dose	prefilled dose	-	-	
144	145	Fentanyl (or Morphine Sulfate) (Fentanyl OR Morphine is to be stocked per ambulance)	-	-	200 mcg	200	
145	146	Glucagon	-	-	1 mg	1 mg	
146	147	Glucose Paste (approx. 30g/tube)	2 tubes	2 tubes	2 tubes	2 tubes	
147	148	Ibuprofen (200 mg tablets)	-	-	2,000 mg (10 tabs)	2,000 mg (10 tabs)	
148	149	Ibuprofen Liquid (100 mg/5mL)	-	-	120-mL 60 mL	120-mL 60 mL	
149	150	Ketamine	-	-	100 mgs	100 mgs	
150	151	Ketorolac	-	-	30 mg	30 mg	
151	152	Lidocaine 2% in 5 ml vial (for use w/ intraosseous insertion)	-	-	1	1	
152	153	Magnesium Sulfate 50%, 1 g/2 ml	-	-	4 gms	4 gms	
153	154	Midazolam	-	-	20 mgs	20 mgs	
154	155	Morphine Sulfate IV (or Fentanyl) (fentanyl OR Morphine is to be stocked per ambulance)	-	-	20 mgs	20-mgs	
154	156	155	Naloxone IV/IN	-	-	4 mgs	4 mgs
155	157	156	Nitroglycerine, 0.4mg/dose metered spray OR Tablets (see Line#156)	-	-	1	1
156	158	157	Nitroglycerine, 0.4mg/tablet	-	-	25 tabs	25 tabs
157	159	158	Ondansetron 4mg ODT OR 4mg/2ml vial	-	-	12 mgs	12mgs
158	160	159	Sodium Bicarbonate, 50 mEq/50 ml	-	-	100 mEq	100
159	160	160	Sterile Water for Injection, 20 ml vials	-	-	2 vials	2
IV SUPPLIES		BLS First Response	BLS Amb	ALS First Response	ALS Amb		
160	161	161	Normal Saline 0.9% 1000 ml bag	-	-	4	4
161	162	162	D5W 100 ml bag	-	-	2	2
162	163	163	IV Administration Set 10 or 15 drops/mL	-	-	4	4
163	164	164	IV Administration Set 60 drops/mL	-	-	2	2
164	165	165	Pediatric Fluid Volume Limiter	-	-	1	2
165	166	166	(Optional) IV Extension Tubing	-	-	2	2
166	167	167	IV Catheter (Safety type), 14G	-	-	2	2
167	168	168	IV Catheter (Safety type), 16G	-	-	2	2
168	169	169	IV Catheter (Safety type), 18G	-	-	2	2
169	170	170	IV Catheter (Safety type), 20G	-	-	2	2
170	171	171	IV Catheter (Safety type), 22G	-	-	2	2
171	172	172	Syringes, 1mL	-	-	2	2
172	173	173	Syringes, 3mL	-	-	2	2
173	174	174	Syringes, 5 or 6mL	-	-	2	2
174	175	175	Syringes, 10 or 12mL	-	-	2	2
175	176	176	Syringes, 30 or 35mL	-	-	2	2
176	177	177	Needles (Safety type), 18G, 20/21G, 25G (OR equivalent)	-	-	2 each	2 each
177	178	178	3-way stopcock	-	-	2	2
178	179	179	Manual Intra-Osseous needle 16G OR Line #178 and #179	-	-	1	1
179			EZ-IO Needles, small, medium, & large (or other approved mechanical insertion needles) with	-	-	1	1

180	EZ-IO Driver (or other approved insertion device)	-	-	1	1
181	Pressure Bag Infuser	-	-	1	1
182	Alcohol prep pads or swabs	-	-	10	10
183	Povidone Iodine prep pads or swabs	-	-	10	10
184	Blood Glucose Monitor	-	-	1	1
185	Blood Glucose Monitor Test Strips	-	-	10	10
186	Lancets (safety type)	-	-	10	10
187	Mucosal Atomizing Device (MAD)	-	-	1	1
188	Needle Thoracostomy Kit (e.g. Cook Emergency Pneumothorax Set or equivalent)	-	-	1	1
MCI KIT		BLS First Response	BLS Amb	ALS First Response	ALS Amb
189	Bag or Case to hold MCI Equipment	1	1	1	1
190	Mylar Blankets (Space Blankets)	12	12	12	12
191	Bullhorn, Battery Powered Megaphone, or Vehicle Public Address System	1	1	1	1
192	Combat Application Tourniquets or approved equivalent*	7	7	7	7
193	Compression Bandage with ties (e.g. Bloodstopper Dressings)	7	7	7	7
194	Cone masks	50	50	50	50
195	Felt tip markers	2	2	2	2
196	Glasses or Goggles	2	2	2	2
197	Heavy Duty Gloves	2	2	2	2
198	Oral Airways, sizes 0, 1, 2, & 3	1	1	1	1
199	Oral Airways, sizes 4, 5, & 6	2	2	2	2
200	Pens	3	3	3	3
201	Ruled paper tablet	1	1	1	1
202	Trauma Shears	2	2	2	2
203	Triage Tags	50	50	50	50
204	Vests - Kelly Green or Blue: "EMT-1" or "EMT-P"	2	2	2	2
205	Worksheets/Board: Helicopter Operations	1	1	1	1
206	Worksheets/Board: Medical Branch Director	1	1	1	1
207	Worksheets/Board: Medical Group Supervisor	1	1	1	1
208	Worksheets/Board: Transport	1	1	1	1
209	Worksheets/Board: Treatment	1	1	1	1
210	Clipboard	2	2	2	2
*Acceptable equivalent includes Combat Application Tourniquet, Emergency and Military Tourniquet, or Special Operations Forces Tactical Tourniquet					

Attachment 2: Minimum Equipment Requirements for Specialty Vehicles

Line #	AIRWAY / RESPIRATORY	BLS Foot/Bike/Cart	ALS Foot/Bike	ALS Gator/Cart	ALS Supervisor	QRV
1	M, or H oxygen cylinder	-	-	-	-	-
2	Oxygen Flowmeter capable of delivering 2-15 LPM	-	-	-	-	-
3	D or E size oxygen cylinders	0	0	1	1	1
4	A size oxygen cylinder (D or E size acceptable)	1	1	0	0	0
5	Regulators for D/E Oxygen Cylinders capable of delivering 2-15 LPM	1	1	1	1	1
6	Nasal Cannulas - Adult	1	1	2	1	1
7	Nasal Cannulas - Pedi	-	-	1	1	1
8	Simple Oxygen Masks - Infant	-	-	-	1	1
9	Non-Rebreather Masks - Adult	1	1	1	1	1
10	Non-Rebreather Masks - Pedi	1	1	1	1	1
11	Bag Valve Masks - Adult	1	1	1	1	1
12	Bag Valve Masks - Pedi	-	-	1	1	1
13	Bag Valve Masks - Infant	-	-	1	1	1
14	Oral Airway, Set, with sizes 0, 1, 2, 3, 4, 5, & 6	1	1	1	1	1
15	Nasal Pharyngeal Airways Set of sizes 26, 28, 30, 32, & 34 Fr	1	1	1	1	1
16	Tongue Depressors	-	-	2	1	1
17	Portable Suction Device - Manual Pump Type OR Battery Operated	-	-	1	1	1
18	Rigid Pharyngeal Tonsil Tip (Yankauer Suction)	-	-	1	1	1
19	Suction Tubing	-	-	1	1	1
20	Pediatric Suction Bulb (sterile)	-	-	-	1	1

21	Suction Catheters 6, 8, 10, 12, & 14 Fr	-	-	1	1	1
22	Supra-Glottic Laryngeal Airway (King Tube), Adult Sizes 3, 4 & 5	-	1	1	1	1
23	Supra-Glottic Laryngeal Airway (King Tube), Pedi/Infant, Sizes 2.0, 2.5	-	-	1	1	1
24	Uncuffed Endotracheal Tubes, 2.0, 2.5, 3.0	-	-	1	1	1
25	Meconium Aspirator	-	-	1	1	1
26	Cuffed Endotracheal Tubes, 6.0, 6.5, 7.0, 7.5, 8.0, & 8.5	-	-	2	1	1
27	ET Tube holder or ties	-	-	2	1	1
28	Laryngoscope Blades w/ extra bulbs, Miller Type: 0, 1, 2, 3, & 4	-	-	1	1	1
29	Laryngoscope Blades w/ extra bulbs, Macintosh Type: 1, 2, 3, & 4	-	1&4 only	1	1	1
30	(Optional:) Video Laryngoscope Blades (Approved by EMSA), Adult and Child Sizes	-	-	1	1	1
31	Large Laryngoscope Handle	-	1	1	1	1
32	Small Laryngoscope Handle	-	-	1	1	1
33	Stylets: Adult (If not in ETT)	-	-	1	1	1
34	Magill Forceps, Adult	-	1	1	1	1
35	Magill Forceps, Pedi	-	-	1	1	1
36	Handheld Nebulizer	-	-	2	1	1
37	Needle Cricothyroidotomy Kit (WITHOUT scalpel)	-	-	1	1	1
38	CPAP Device able to deliver PEEP of 10 cm H2O, breathing circuits, masks	-	-	1	1	1
39	Electronic Capnography device (may be integrated in cardiac monitor)	-	-	1	1	1
40	Capnography filter line with adapter to connect to ET tube	-	-	1	1	1
41	ETCO2 monitoring cannula	-	-	2	2	2
42	Pulse Oximeter (may be integrated into cardiac monitor)	-	-	1	1	1
43	(Optional:) Carboxyhemoglobin Monitor (may be integrated into cardiac monitor)	-	-	1	1	1
44	Adult Finger Probes for pulse oximetry (reusable)	-	-	1	1	1
45	Pediatric Finger Probes for pulse Oximetry	-	-	1	1	1
46	Infant Finger Probes for pulse Oximetry	-	-	1	1	1
47	Jet Insufflation Ventilator for Needle Cricothyroidotomy	-	-	1	1	1
CARDIOVASCULAR		BLS	ALS	ALS	ALS	QRV
		Foot/Bike/Cart	Foot/Bike	Gator/Cart	Supervisor	
48	Semi-automatic defibrillator	1	1	-	-	-
49	Semi-automatic defibrillator pads – Adult (disposable razors are recommended as optional stock)	1	1	-	-	-
50	Semi-automatic defibrillator pads - Pedi	1	1	-	-	-
51	Stethoscope	1	1	1	1	1
52	Blood Pressure Cuff - Adult	1	1	1	1	1
53	Blood Pressure Cuff - Obese or Thigh	-	-	1	1	1
54	Blood Pressure Cuff - Pedi	-	-	1	1	1
55	Blood Pressure Cuff - Infant	-	-	1	1	1
56	Portable Cardiac Monitor-Defibrillator, w/ cables, capable of: 1. Monitoring, defibrillation, transcutaneous pacing, synchronized cardioversion, and electrical discharge < 25 joules; 2. Monitoring ETCO2, SpO2, and blood pressure with automatic cuff for all ages; 3. Printing, transmitting, and ability to send 12-lead EKGs to all STAR centers/EMS Agency on current EMS Agency platform; 4. Providing integrated real time CPR feedback and view underlying rhythm during CPR compressions; 5. Monitor data file compatibility that can be submitted to current EMS Agency cardiac case review network for post case analysis and feedback; 6. Ability to operate in pediatric / neonate AED modes; 7. Interoperability with STAR hospital crash cart monitors; 8. Produce a code summary post incident.	-	-	1	1	1
57	ECG recording paper, compatible with monitor	-	-	1	1	1
58	Multi-function defibrillation pads - Adult, compatible with monitor with compression feedback puck	-	-	1	1	1
59	Multi-function defibrillation pads - Pedi, compatible with monitor with compression feedback puck	-	-	1	1	1
BURNS / TRAUMA / WOUND CARE		BLS	ALS	ALS	ALS	QRV
		Foot/Bike/Cart	Foot/Bike	Gator/Cart	Supervisor	
60	Burn Sheets - Sterile (disposable type)	-	-	1	1	1

61	Quick Clot Combat Gauze (No Size)	2	2	2	2	2
62	Sterile gauze pads 4" x 4," 12 per box	5	5	1 box	1 box	1 box
63	Nonsterile 4" x 4" gauze pads, 200 per box	-	-	1 box	1 box	1 box
64	Abdominal Dressing, 8" x 10" or 5"x9" or similar size	2	2	2	4	4
65	Trauma Dressings, 10" x 30" or larger	-	-	2	2	2
66	Stretch-style Sterile Gauze Rolls 4" or 5"	2	2	4	2	2
67	Chest Seals or Petroleum Gauze Pads, 4" x 6" or 3" x 9" (or similar size)	1	1	4	2	2
68	Triangular Bandages	2	2	2	2	2
69	Cloth Tape 2"	1	1	3	1	1
70	Combat Application Tourniquets OR approved equivalent*	1	1	1	2	2
71	Elastic Bandages 3"	-	-	1	1	1
72	Band-Aids 1", 10 strips	1	1	1	1	1
73	Instant Cold Packs	3	3	2	6	6
<i>*Acceptable equivalent includes Combat Application Tourniquet, Emergency and Military Tourniquet, or Special Operations Forces Tactical Tourniquet</i>						
IMMOBILIZATION/EXTRICATION		BLS	ALS	ALS	ALS	QRV
		Foot/Bike/Cart	Foot/Bike	Gator/Cart	Supervisor	
74	Spine Board	-	-	1	1	1
75	Lightweight head immobilizer blocks (set)	-	-	1	1	1
76	4 seatbelt type straps, 3 long/box straps, or 1 set of spider straps	-	-	1	1	1
77	Cervical Collars: Adult	1	1	2	2	2
78	Cervical Collars: Pedi	-	-	2	2	2
79	Extremity splint, cardboard or similar product, small 12 - 18"	1	1	2	2	2
80	Extremity splint, cardboard or similar product, medium 18 - 24"	-	-	2	2	2
81	Extremity splint, cardboard or similar product, large 24 - 36"	-	-	2	2	2
82	Traction Splints: Sager or HARE (adult and pedi size) OR Kendrick Traction Device (one size)	-	-	1 each size	1 each size	1 each size
83	Kendrick Extrication Device (KED)	-	-	1	-	-
84	Pediatric Spinal Immobilization Device	-	-	1	1	1
85	"Breakaway" OR "Flat" Stretcher	-	-	-	-	-
86	Patient Gurney with shoulder harness and limb belts	-	-	-	-	-
87	Stair chair (OR feature that allows gurney to adjust to seated position)	-	-	-	-	-
88	(OPTIONAL:) Scoop Stretcher	-	-	-	1	1
89	Extremity Restraints - Wrist & Ankle	-	-	-	1	1
90	Pediatric Gurney Restraint/Seatbelt Device	-	-	-	-	-
INFECTION CONTROL / CREW PPE		BLS	ALS	ALS	ALS	QRV
		Foot/Bike/Cart	Foot/Bike	Gator/Cart	Supervisor	
91	Disinfectant Solution or Spray	-	-	1	1	1
92	Disinfectant Wipes	5	5	-	1	1
93	Hand sanitizer	1	1	1	1	1
94	Long-sleeve impermeable gowns	-	-	-	1/crew member	1/crew member
95	Pair of heavy duty gloves	-	-	-	1/crew member	1/crew member
96	Safety glasses or goggles	-	-	-	1/crew member	1/crew member
97	Plastic trash bags	-	-	-	1	1
98	Infectious waste bags (red biohazard bags)	3	3	1	1	1
99	Spit socks or hoods	-	-	1	1	1
100	Helmet: OSHA approved "hard hat" or equivalent	-	-	-	1/crew member	1/crew member
101	N-95 Masks, in sizes for all crew members	-	-	2	2	2
102	P100 Masks, as Required for Interventions	2	2	2	2	2
103	On Supervisor Rig, ONLY (if available): DuoDote Autoinjectors	-	-	-	10	10
104	On Supervisor Rig, ONLY: Level C PPE Suit	-	-	-	2	2
105	On Supervisor Rig, ONLY: PAPR (OR SCBA with extra air cylinders) for each Level C Suit	-	-	-	2	2
PEDIATRIC		BLS	ALS	ALS	ALS	QRV
		Foot/Bike/Cart	Foot/Bike	Gator/Cart	Supervisor	
106	Pediatric Length-Based Resuscitation Tape	-	-	1	1	1
107	Stuffed toy for children	-	-	-	1	1

OBSTETRIC		BLS Foot/Bike/Cart	ALS Foot/Bike	ALS Gator/Cart	ALS Supervisor	QRV
108	Obstetrical Kit w/ umbilical cord clamps; receiving blanket; infant bunting blanket; infant warming cap; sterile scissors or scalpel; suction bulb; OB pad; plastic bag for placenta	-	-	1	1	1
MISCELLANEOUS		BLS Foot/Bike/Cart	ALS Foot/Bike	ALS Gator/Cart	ALS Supervisor	QRV
109	Digital Thermometer	-	0	0	1	1
110	Trauma Shears	1	1	1	1	1
111	Water soluble lubricant, small packets	4	4	10	10	10
112	Penlights	1	1	1	1	1
113	1 Roll of Paper Towels, OR Equivalent of Disposable Towels	-	-	-	1	1
114	Disposable Blankets	-	-	1	1	1
115	Wool blend blankets	-	-	1	1	1
116	Chemical Heating Blanket (Ready-Heat Blanket or equivalent)	-	-	-	1	1
117	Sealable bags, gallon-size (e.g. Ziploc)	-	-	3	3	3
118	Emesis (Kidney) Basins or Bags	-	-	-	1	1
119	Urinal	-	-	-	-	-
120	Bedpan	-	-	-	-	-
121	Sharps Container	-	1	1	1	1
122	Flashlight with extra batteries or entire extra flashlight	1	1	1	1	1
123	Drinking water - 1 gallon	-	-	-	1	1
124	San Francisco County Map or GPS Device	-	-	-	1	1
125	San Francisco EMS Agency Protocol Manual, current version on Paper or Electronic Format (e.g. Protocol App on Mobile Device)	-	-	1	1	1
126	Pre-hospital Care Report (paper) OR 1 E-PCR Device	3	3	5	5	5
127	Fire Extinguisher, A/B/C rated, w/maintenance tag < 1 year	-	-	-	1	1
128	Road Flares	-	-	4	4	4
129	Fully Functional Automatic Vehicle Locator (AVL) Compatible with SF Department of Emergency Communications (DEC)	-	-	-	1	1
MEDICATIONS		BLS Foot/Bike/Cart	ALS Foot/Bike	ALS Gator/Cart	ALS Supervisor	QRV
NOTE: Quantities (mg/gms) listed below only represent the total amount of a medication STOCK. It does NOT represent medication dosages. Refer to Treatment Protocols for medication dosages.						
130	Activated Charcoal (Aqueous suspension)	-	-	50 gms	50 gms	50 gms
131	Adenosine	-	18 mgs	18 mgs	18 mgs	18 mgs
132	Albuterol Unit Dose, 2.5mg/3mL solution	-	10 mgs	20 mgs	20 mgs	20 mgs
133	Amiodarone	-	450 mgs	600 mgs	600 mgs	600 mgs
134	Aspirin	1620 mgs (20 tabs)	1620 mgs (20 tabs)	1620 mgs (20 tabs)	1620 mgs (20 tabs)	1620 mgs (20 tabs)
135	Atropine Sulfate, 1mg/10mL preload	-	2 mgs	3 mgs	3 mgs	3 mgs
136	Atropine Sulfate, 8mg/20ml multi-dose vial	-	-	8 mgs	8 mgs	8 mgs
137	Calcium Chloride (10%), 1g/10mL	-	-	1 gm	1 gm	1 gm
138	Dextrose 10%, 25 gm premixed solution in 250 mL bag	-	25 gms	50 gms	50 gms	50 gms
139	Diphenhydramine IV	-	50 mgs	100 mgs	100 mgs	100 mgs
140	Dopamine 400mg premixed in 250mL D5W OR equivalent (NOTE ← Supply 250 ml D5W in addition to Dopamine vials if you do not stock premix ↓)	-	-	800 mg	800 mgs	800 mgs
140	Epinephrine 1:1,000, 1mg/1mL	-	3	6 mgs	6 mgs	6 mgs
141	Epinephrine 1:10,000, 1mg/10mL	-	3	4 mgs	4 mgs	4 mgs
142	(REQUIRED optional for EMTs) Adult epinephrine auto-injector	Prefilled dose	-	-	-	-
143	(REQUIRED optional for EMTs) Pediatric epinephrine auto-injector	Prefilled dose	-	-	-	-
144	Fentanyl (or Morphine Sulfate) (Fentanyl OR Morphine is to be stocked per ambulance)	-	200 mcg	200 mcg	200 mcg	200 mcg
145	Glucagon	-	1 mg	1 mg	1 mg	1 mg
146	Glucose Paste (approx. 30g/tube)	2 tubes	2 tubes	2 tubes	2 tubes	2 tubes
147	Ibuprofen (200 mg tablets)	-	-	2,000 mg (10 tabs)	2,000 mg (10 tabs)	2,000 mg (10 tabs)
148	Ibuprofen Liquid (100 mg/5 mL)	-	-	120 mL	120 mL	120 mL

149	Ketamine	-	-	-	100mgs	100 mgs
150	Ketorolac	-	-	30 mg	30 mg	30 mg
151	Lidocaine 2% in 5 ml vial (for use w/ intraosseous insertion)	-	-	1	1	1
152	Magnesium Sulfate 50%, 1 g/2 ml	-	-	4 gms	4 gms	4 gms
153	Midazolam	-	20 mgs	20 mgs	20 mgs	20 mgs
154	Morphine Sulfate IV (or Fentanyl) (Fentanyl OR Morphine is to be stocked per ambulance)	-	20 mgs	20 mgs	20 mgs	20 mgs
154	Naloxone IV/IN	-	4 mgs	4 mgs	4 mgs	4 mgs
155	Nitroglycerine, 0.4mg/dose metered spray OR Tablets (see Line#156)	-	1 bottle	1 bottle	1 bottle	1 bottle
156	Nitroglycerine, 0.4mg/tablet	-	25 tabs	25 tabs	25 tabs	25 tabs
157	Ondansetron 4mg ODT OR 4mg/2ml vial	-	8 mgs	12 mgs	12 mgs	12 mgs
158	Sodium Bicarbonate, 50 mEq/50 ml	-	-	100 mEq	100 mEq	100 mEq
159	Sterile Water for Injection, 20 ml vials	-	-	2 vials	2 vials	2 vials
IV SUPPLIES			BLS	ALS	ALS	ALS
			Foot/Bike/Cart	Foot/Bike	Gator/Cart	Supervisor
160	Normal Saline 0.9% 1000 ml bag	-	-	1	2	2
161	D5W 100 ml bag	-	-	1	1	1
162	IV Administration Set 10 or 15 drops/mL	-	-	1	2	2
163	IV Administration Set 60 drops/mL	-	-	1	1	1
164	Pediatric Fluid Volume Limiter	-	-	-	1	1
165	(Optional) IV Extension Tubing	-	-	2	2	2
166	IV Catheter (Safety type), 14G	-	-	1	2	2
167	IV Catheter (Safety type), 16G	-	-	1	2	2
168	IV Catheter (Safety type), 18G	-	-	2	2	2
169	IV Catheter (Safety type), 20G	-	-	2	2	2
170	IV Catheter (Safety type), 22G	-	-	2	2	2
171	Syringes, 1mL	-	-	2	2	2
172	Syringes, 3mL	-	-	2	2	2
173	Syringes, 5 or 6mL	-	-	2	2	2
174	Syringes, 10 or 12mL	-	-	2	2	2
175	Syringes, 30 or 35mL	-	-	-	2	2
176	Needles (Safety type), 18G, 20/21G, 25G (OR equivalent)	-	-	2 each	2 each	2 each
177	3-way stopcock	-	-	1	2	2
178	Manual Intra-Osseous needle 16G OR Line# 178 and #179	-	-	-	1	1
179	EZ-IO Needles, small, medium, & large (or other approved mechanical insertion needles) with	-	-	-	1	1
180	EZ-IO Driver (or other approved insertion device)	-	-	-	1	1
181	Pressure Bag Infuser	-	-	-	1	1
182	Alcohol prep pads or swabs	-	-	6	10	10
183	Povidone Iodine prep pads or swabs	-	-	6	10	10
184	Blood Glucose Monitor	-	-	1	1	1
185	Blood Glucose Monitor Test Strips	-	-	10	10	10
186	Lancets (safety type)	-	-	10	10	10
187	Mucosal Atomizing Device (MAD)	-	-	1	1	1
188	Needle Thoracostomy Kit (e.g. Cook Emergency Pneumothorax Set or equivalent)	-	-	1	1	1
MCI KIT			BLS	ALS	ALS	ALS
			Foot/Bike/Cart	Foot/Bike	Gator/Cart	Supervisor
189	Bag or Case to hold MCI Equipment	-	-	-	-	1
190	Mylar Blankets (Space Blankets)	-	-	-	-	12
191	Bullhorn, Battery Powered Megaphone, or Vehicle Public Address System	-	-	-	-	1
192	Combat Application Tourniquets or approved equivalent*	-	-	-	-	7
193	Compression Bandage with ties (e.g. Bloodstopper Dressings)	-	-	-	-	7
194	Cone masks	-	-	-	-	50
195	Felt tip markers	-	-	-	-	2
196	Glasses or Goggles	-	-	-	-	2
197	Heavy Duty Gloves	-	-	-	-	2
198	Oral Airways, sizes 0, 1, 2, & 3	-	-	-	-	4
199	Oral Airways, sizes 4, 5, & 6	-	-	-	-	8

200	Pens	-	-	-	3	3
201	Pencils (pre-sharpened)	-	-	-	6	6
202	Pencil Sharpener	-	-	-	1	1
203	Ruled paper tablet	-	-	-	1	1
204	Trauma Shears	-	-	-	2	2
205	Triage Tags	-	-	-	50	50
206	Vests - Kelly Green or Blue: "EMT-1" or "EMT-P"	-	-	-	2	2
207	Vests - Orange: "Medical Group Supervisor"	-	-	-	1	1
208	Vests - Orange: "Medical Supply Officer"	-	-	-	1	1
209	Vests - Orange: "Staging Officer"	-	-	-	1	1
210	Vests - Orange: "Transport Officer"	-	-	-	1	1
211	Vests - Orange: "Treatment Officer"	-	-	-	1	1
212	Vests - Orange: "Triage Officer"	-	-	-	1	1
213	Worksheets/Board: Helicopter Operations	-	-	-	1	1
214	Worksheets/Board: Medical Branch Director	-	-	-	1	1
215	Worksheets/Board: Medical Group Supervisor	-	-	-	1	1
216	Worksheets/Board: Transport	-	-	-	1	1
217	Worksheets/Board: Treatment	-	-	-	1	1
218	Clipboard	-	-	-	2	2

*Acceptable equivalent includes Combat Application Tourniquet, Emergency and Military Tourniquet, or Special Operations Forces Tactical Tourniquet

"BACK-UP" LIST FOR MEDICATION SHORTAGES		BLS First Response	BLS Amb	ALS First Response	ALS Amb
219	Lorazepam	-	-	4 mgs	4 mgs
220	Dopamine	-	-	800 mgs	800 mgs
221	Morphine	-	-	20 mgs	20 mgs
222	Meter Dose Inhaler	-	-	-	-