

BRAZIL

NEW BUDDY FIRST AID KIT (BFAK)

1. ISSUE PAPER THEME

Select applicable:

- Major Equipment
- Self Sustainment
- Medical
- Other / Cross-cutting

2. SUMMARY / BACKGROUND

The current Buddy First Aid Kit has mixed material, originated from civilian pre-hospital care. We suggest adapting the Buddy First Aid Kit in order to fulfill the needs of pre-hospital tactical care and its MARCH protocol, in accordance with the United Nations programs: Buddy First Aid Course (UNBFAC) and Field Medical Assistant Course (FMAC). The objective is to reduce its volume and weight, focused on Tactical Field Aid during life-threatening situations. In addition, our preliminary costs survey shows that the value of the proposed kit is lower than the current one.

Field Medical Assistant Course (FMAC) – MARCH protocol Safety

M – Massive Bleeding

A – Airway

R – Respiration

C – Circulation

H – Hypothermia / Head injuries

3. DETAILED PROPOSAL

References:

- COE Manual (2020) Chapter 3, annex C, Appendix 1.1 (Pag 79/271);
- UN Buddy First Aid Course – Instructor Handbook, 1st Edition, 2019;
- UN Field Medical Assistant Course – Instructor Handbook, 1st Edition, 2022.

Items to be removed from the kit BFAK (red in table):

- Item 2 and 3: they are intended to make dressings to cover wounds. Can be present only in communal kits.
- Item 5: items it is intended to make immobilizations, to be used by the Field Medical Assistant, can be present only in communal kits.
- Item 8: Items it is intended to make dressings to cover small wounds, can be present only in communal kits.
- Item 11: it is intended to be used by the Field Medical Assistant. Can be present only in communal kits.
- Item 12: it is intended to make dressings to cover small wounds, can be present only in communal kits.

Item	NSN	Description	UN	Qty	un	International Market Value
1	---	First aid pouch or box	UN	01	25,00	25,00
2	NSN 6510-00-201-7425	Field dressing (small)	UN	05	2,00	10,00
3	NSN 6510-00-201-7425	Field dressing (large)	UN	01	2,00	2,00
4	NSN 6510-01-492-2275	Emergency pressure bandage	UN	01	10,00	10,00
5	NSN 6510-00-201-1755	Triangular bandages	UN	01	7,00	7,00
6	---	Sterile gauze pads	UN	10	0,10	1,00
7	NSN 6510-01-529-1213	S-Rolled Gauze (4.5 inches x 4.1 yards)	RL	01	1,00	1,00
8	---	Sterile cotton wool (100 g pack)	UN	01	2,00	2,00
9	NSN 6510-01-642-4212	Chest seal (Halo or Hyfin) (set of 2 per pack)	UN	01	16,00	16,00
10	NSN 6510-00-926-8883	Adhesive tape (roll)	RL	02	2,00	4,00
11	NSN 6510-01-622-1624	Paramedic shear	UN	01	10,00	10,00
12	NSN 6515-01-215-4177	Pocket mask	UN	01	7,00	7,00
13	NSN 6515-01-519-9161	Talon Nitrile gloves (pair), medium or large	UN	02	1,00	2,00
14	NSN 6510-01-562-3325	Z-fold hemostatic gauze dressing, vacuum sealed	UN	01	45,00	45,00
15	NSN 6515-01-521-7976	Combat arterial tourniquet	UN	01	30,00	30,00
16	NSN 7210-01-463-5431	Emergency hypothermia blankets	UN	01	1,50	1,50
Estimated Total Cost					TOTAL	173,50

Items to be included (blue in table):

- Item 11: Nasopharyngeal airway, 28 FR (NSN 6515-01-529-1187). Intended to keep airways open (A from MARCH acronym).
- Item 12: Decompression needle 14G. Intended to relieve hypertensive pneumothorax (R from MARCH acronym), lower cost than the 3.25 inch decompression needle (NSN 6515-01-673-1701).
- Item 13: Permanent marker. Intended to keep record for further treatment during evacuation.
- Item 14: Combat Casualty Card (plasticized). Intended to keep record for further treatment during evacuation.

Item	NSN	Description	UN	Qty	International Market Value
1	---	First aid pouch or box	UN	01	25,00
2	NSN 6510-01-492-2275	Emergency pressure bandage	UN	01	10,00
3	---	Sterile gauze pads (10 pack)	UN	02	2,00
4	NSN 6510-01-529-1213	S-Rolled Gauze (4.5 inches x 4.1 yards)	RL	01	1,00
5	NSN 6510-01-642-4212	Chest seal (set of 2 per pack)	UN	01	16,00
6	NSN 6510-00-926-8883	Adhesive tape (roll)	RL	01	2,00
7	NSN 6515-01-519-9161	Talon Nitrile gloves (pair), medium or large	UN	02	2,00
8	NSN 6510-01-562-3325	Z-fold hemostatic gauze dressing, vacuum sealed	UN	01	45,00
9	NSN 6515-01-521-7976	Combat arterial tourniquet	UN	01	30,00
10	NSN 7210-01-463-5431	Emergency hypothermia blankets	UN	01	1,50
11	NSN 6515-01-529-1187	Nasopharyngeal airway, 28 FR	UN	01	6,00
12	NSN 6515-01-430-4331	Decompression needle (intravenous catheter 14G)	UN	01	1,00
13	NSN 7520-01-536-9244	Permanent marker	UN	01	2,50
14	---	Combat Casualty Card (plasticized)	UN	01	1,00
Estimated Total Cost					145,00

International cost difference is: U\$ 173,50 – U\$ 145,00 = U\$ 28,50.

4. PROPOSED MANUAL TEXT

Chapter 3, annex C, Appendix 1.1

Appendix 1.1

Buddy First Aid Kit (BFAK)

<i>Serial No.</i>	<i>Item</i>	<u>Quantity</u>
1	First aid pouch or box	01
2	Talon Nitrile gloves (pair), medium or large	02
3	Combat arterial tourniquet	01
4	Z-fold hemostatic gauze dressing, vacuum sealed	01
5	Emergency pressure bandage 6 inch	01
6	S-Rolled Gauze (4.5 inches x 4.1 yards)	01
7	Nasopharyngeal airway, 28 FR	01
8	Chest seal (set of 2 per pack)	01
9	Decompression needle (intravenous catheter 14G)	01
10	Sterile gauze pads (pack with 10 units)	02
11	Adhesive tape (roll)	01
12	Emergency hypothermia blanket	01
13	Permanent marker	01
14	Combat <u>Casualty Card</u> (<u>plasticized</u>)	01