

Directorate General
Central Industrial Security Force
(Ministry of Home affairs)

Pt. Deendayal Antyodaya Bhavan,
CGO Complex, Block No.16,
Lodhi Road, New Delhi - 03

MEDICAL BRANCH
No.M-20015(73)/CISF/Med.Dir./QRs/2019-1220

Dated: 20.08.2019

To,
The AIG/Tech,
CISF HQrs., New Delhi

Subject:- **HOSTING OF DRAFT QRs/SPECIFICATIONS AND TRIAL
DIRECTIVES ON CISF/ MHA WEBSITES**

Enclosed find herewith a soft copy of Draft QRs/Specification and Trial Directives of 'Life Saving Medical Kit' prepared by Board of Medical Officers detailed by ADG(Med), CAPFs, vide their letter B-13017/MS/BD/DA-3/2017/1469 dated 07.09.2018 and (1212) dated 13.06.2019 for hosting the same on CISF and MHA websites with a link showing 'DRAFT QRs/SPECIFICATIONS AND TRIAL DIRECTIVES OF LIFE SAVING MEDICAL KIT' for 15 days. Firms/Venders may sent their comments/objections/ suggestions to DIG/Director (Medical), CISF HQrs., CGO Complex, Lodhi Raod, New Delhi (email ID – dir-med@cisf.gov.in).

2. The action taken report therein may please be intimated to this office please.

Encls:- As above.

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(DR. SHEKHAR JAISWAL)
DIG/DIRECTOR (MEDICAL)

Copy to:-

1. The Technical Director/NIC, : For kind information and hosting the same
NDCC-II Building, : on MHA website for 15 days please.
Jaising Road, New Delhi.
2. The ADG/Med., CAPFs : For kind information please.
R.K. Puram, New Delhi.

BOARD PROCEEDING

- Proceeding of : A board of officers.
- Assembled at : Office of Director(Medical), CISF HQrs., CGO's Complex, Lodhi Road, New Delhi.
- On the date of : 27.06.2019 onwards.
- By the order of : ADG(Med.), CAPFs, NSG & AR order No. B-13017/MS/BD/DA-3/2017/1469 Dated 07.09.2018, (1212) dated 13.06.2019 and No.(1212) dated 13.06.2019.
- Purpose : To draw QRs/Specifications and Trial Directives of 'Life Saving Medical Kit'.
- Composition of Board :
- | | |
|------------|--|
| P.O. | Dr. ShekharJaiswal, DIG/Director(Med.), CISF, CGO Complex, New Delhi |
| Member-I | Dr. Rajendra Kumar Godara, CMO(SG), FHQ Hosp-II, BSF, Tigri New Delhi. |
| Member-II | Dr. C P Sharma, CMO(SG), BHD, ITBP, New Delhi |
| Member-III | Dr. Jishnu Barua, CMO(SG), MI Room, NSG, R K Puram, New Delhi |
| Member-IV | Dr. Rajam Kumar SMO
10's Bn. RAF/CBRP |
| Member-V | Dr. Madhumita Vadantam, AC(MO), 25th Bn. SSB, Ghitori, New Delhi. |
| Member-VI | Shri K K Sinha, SSA Life, M.Sc. Science, BPR&D, Mahipalpur, New Delhi |
2. Life Saving Medical Kit is important tool to remain with the troops whenever they deployed for various duties for providing immediate first aid to prevent further deterioration of his injury/illness till evacuated to hospital.
3. Various contents of the kit that have been approved by Director General Armed Forces Medical Services (DGAFMS) and DGMS(Army), Ministry of Defence, New Delhi are also considered for preparing kit. The board recommended the following:-

A) Individual First Aid Kit :- Individual First Aid Kits have to be designed and developed keeping in mind requirements of immediate first aid, necessary to prevent further deterioration of condition and for saving life. The components of kits have proven to be lifesavers in adverse situations.

- i. Sterile Gauze SWABS
- ii. Roller Bandage
- iii. Surgical Tape
- iv. Crepe Bandage (Type-3)
- v. Transparent Film dressing with non-adherent pad
- vi. Non-woven cohesive moderate compression bandage
- vii. Sterile dressing kits

B) **Basic First Aid Kit** : Basic First Aid Kit has been designed and developed keeping in mind requirements of immediate first aid, necessary to prevent further deterioration of condition and for saving life. The components of kit have proven lifesavers in adverse situations. Kit contains the following:-

- i. Sterile Gauze SWABS
- ii. Roller Bandage
- iii. Surgical Tape
- iv. Crepe Bandage (Type-3)
- v. Transparent Film dressing with non-adherent pad
- vi. Non-woven cohesive moderate compression bandage
- vii. Sterile dressing kits
- viii. Elastic Adhesive Bandage
- ix. Flexible Splints small/medium/large

C) **Field Nursing Assistant Kit** : Field Nursing Assistant Kit has been designed and developed keeping in mind requirements of immediate first aid can be provided by accompanied Nursing Assst., necessary to prevent further deterioration of condition and for saving life. The components of kit have proven lifesavers in adverse situations. Kit contains the following :-

- i. Sterile Gauze SWABS
- ii. Roller Bandage
- iii. Surgical Tape
- iv. Crepe Bandage (Type-3)
- v. Transparent Film dressing with non-adherent pad
- vi. Non-woven cohesive moderate compression bandage
- vii. Sterile dressing kits
- viii. Elastic Adhesive Bandage
- ix. Flexible Splints small/medium/large
- x. Cervical Collar with adjustable sizes and MRI complete
- xi. Foam based Haemostatic dressing
- xii. Eye pad with adhesive boarder
- xiii. Sterile combine dressing pad
- xiv. Sponge bases antimicrobial barrier dressing for burns.

(Dr. R K Godara)
CMO(SG), BSF
Member-I

(Dr. ~~C.P.~~ Sharma)
CMO(SG), ITBP
Member-II

(Dr. Vishnu Barua),
CMO(SG), NSG
Member-III

(Dr. Rajam Kumar)
SMD 103 Rm. RAFCRF
Member-IV

(Dr. Madhumita Vadantam)
AC(MO), SSB
Member-V

(Dr. Shekhar Jaiswal)
DIG/Director(Med.) CISF
Presiding Officer

(Shri K K Sinha)
SSA Life Sc., BPR&D
Member-VI

QRS/SPECIFICATION OF LIFE SAVING MEDICAL KIT

INDIVIDUAL FIRST AID KIT

I. STERILE GAUZE SWABS

1. Made of 100% Cotton Gauze Fabric.
2. Conforms to EP-17 Standards.
3. All swabs are with folded edges with no loose threads.
4. Preferably X-ray detectable thread.
5. ETO/Gamma sterilization.
6. Size:- 10 cm x 10 cm x 12Ply approx.

II. ROLLER BANDAGE

1. 100% Cotton, light stretch with cohesive effect & regain.
2. Latex free coating for cohesive effect.
3. Bandage sticks to itself and not to the skin.
4. Material:- 100% cotton.
5. Sizes :- 7.5cm x 3.5m & 10cm x 3.5m approx.

III. SURGICAL TAPE

1. Micro-porous structure ensures high air & vapor permeability.
2. Water proof.
3. Prevents skin from maceration.
4. Thin & excellent adhesive-comfortable for the patients.
5. Easy to handle with gloves.
6. Size:- 5cm x 9m approx.

IV. CREPE BANDAGE (TYPE-3)

1. Light compression bandage.
2. 100% Cotton threads, very soft and comfortable to the skin.
3. Generates comfort and safe uniform pressure (no rubber threads).
4. Latex Free.
5. Sealed edges, no loose threads.
6. Non slippery texture.
7. With clips.
8. Material:-100% Cotton.
9. Size: - 10 cm x 4m approx.

V. TRANSPARENT FILM DRESSING WITH NON-ADHERENT PAD

1. Transparent, water proof film that serves as a bacterial barrier yet is breathable.
2. 30 µ thick PU film ensures increased breathability & softness.
3. Unique coat technology with patterned adhesive.
4. Latex free, non-adherent pad which does not adhere to the wound bed.
5. Easy to mound around corners and is patient & clinician friendly.
6. Gamma Sterile.
7. Size: - 9 cm x 12 cm approx.

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VI. NON-WOVEN COHESIVE MODERATE COMPRESSION BANDAGE

1. 100% Latex free.
2. Leaves no traces of adhesive on the skin after removal.
3. Skin friendly.
4. Cohesive on both sides, coated with latex free components, adheres only to itself, not to skin.
5. Hand tearable material.
6. Non-slippery material in nature.
7. Provides sustained & reliable compression.
8. Material :- Non Woven, Elastic Fibers, Latex free acrylic adhesive.
9. Size:- 10 cm x 4.5m approx.


VII. STERILE DRESSING KITS


1. Ready to use sterile dressing kits.
2. Sterilized by Gamma Irradiation/ETO.
3. Kit Contains :-
 - i) Dressing forceps -1
 - ii) Sterile sheet - 1
 - iii) Tray with Gallipots -1
 - iv) Cotton Balls -2
 - v) Gauze Swab (3"x3"x8ply)-3
 - vi) Examination Gloves – 1 pair – 7.5"
 - vii) Hand wipe tissue -1
 - viii) Absorbent dressing pad (3"x7.5") - 1


(Dr. R K Godara)
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SSA Life Sc., BPR&D
Member-VI

QRS/SPECIFICATION OF LIFE SAVING MEDICAL KIT

BASIC FIRST AID KIT

I. STERILE GAUZE SWABS

1. Made of 100% Cotton Gauze Fabric.
2. Conforms to EP-17 Standards.
3. All swabs are with folded edges with no loose threads.
4. Preferably X-ray detectable thread.
5. ETO/Gamma sterilization.
6. Size:- 10 cm x 10 cm x 12Ply approx.

II. ROLLER BANDAGE

1. 100% Cotton, light stretch with cohesive effect & regain.
2. Latex free coating for cohesive effect.
3. Bandage sticks to itself and not to the skin.
4. Material:- 100% cotton.
5. Sizes :- 7.5cm x 3.5m & 10cm x 3.5m approx.

III. SURGICAL TAPE

1. Micro-porous structure ensures high air & vapor permeability.
2. Water proof.
3. Prevents skin from maceration.
4. Thin & excellent adhesive-comfortable for the patients.
5. Easy to handle with gloves.
6. Size:- 5cm x 9m approx.

IV. CREPE BANDAGE (TYPE-3)

1. Light compression bandage.
2. 100% Cotton threads, very soft and comfortable to the skin.
3. Generates comfort and safe uniform pressure (no rubber threads).
4. Latex Free.
5. Sealed edges, no loose threads.
6. Non slippery texture.
7. With clips.
8. Material:-100% Cotton.
9. Size: - 10 cm x 4m approx.

V. TRANSPARENT FILM DRESSING WITH NON-ADHERENT PAD

1. Transparent, water proof film that serves as a bacterial barrier yet is breathable.
2. 30 µ thick PU film ensures increased breathability & softness.
3. Unique coat technology with patterned adhesive.
4. Latex free, non-adherent pad which does not adhere to the wound bed.
5. Easy to mound around corners and is patient & clinician friendly.
6. Gamma Sterile.
7. Size: - 9 cm x 12 cm approx.

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VI. NON-WOVEN COHESIVE MODERATE COMPRESSION BANDAGE

1. 100% Latex free.
2. Leaves no traces of adhesive on the skin after removal.
3. Skin friendly.
4. Cohesive on both sides, coated with latex free components, adheres only to itself, not to skin.
5. Hand tearable material.
6. Non-slippery material in nature.
7. Provides sustained & reliable compression.
8. Material :- Non Woven, Elastic Fibers, Latex free acrylic adhesive.
9. Size:- 10 cm x 4.5m approx.

VII. STERILE DRESSING KITS

1. Ready to use sterile dressing kits.
2. Sterilized by Gamma Irradiation/ETO.
3. Kit Contains :-
 - i) Dressing forceps -1
 - ii) Sterile sheet - 1
 - iii) Tray with Gallipots -1
 - iv) Cotton Balls -2
 - v) Gauze Swab (3"x 3"X 8ply)-3
 - vi) Examination Gloves – 1 pair – 7.5"
 - vii) Hand wipe tissue -1
 - viii) Absorbent dressing pad (3"x7.5") - 1

VIII. ELASTIC ADHESIVE BANDAGE


1. 100% Latex free.
2. Leaves no traces of adhesive on the skin after removal
3. Skin friendly
4. Excellent adhesion
5. Porous adhesive, permeable to air & moisture
6. Prevents skin maceration
7. Offers superior stretch
8. Material :- 100%Cotton, Zinc Oxide
9. Size :- 10 cm x 4/6 m

IX. FLEXIBLE SPLINTS SMALL/MEDIUM/LARGE

1. The splints should be in 3 different shapes for treating fractured joints and can be modeled according to the necessity of use, the splints should be able to provide effective immobilization.
2. It should be possible to straighten the inside structure of the splint by hand. They should be of light weight and could be overlapped with each other to create different configurations for immobilization of body parts
3. The splint should be made from a thin core of alloy, sandwiched between two layers of closed-cell foam
4. It should be extremely pliable and can be used for all the sizes – small, medium & large
The Velcro to fix the splints should be adjustable and the splints should be washable and reusable


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5. Weight: - 1.5 Kg Maximum for kit with 3 sizes
6. It should be CE marked as per Medical Device Directives (93/42/EEC) and manufactured in a ISO 9001:2008 and ISO 13485 certified facility



(Dr. R K Godara)
CMO(SG), BSF
Member-I

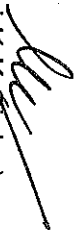

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SSA Life Sc., BPR&D
Member-VI

QRS/SPECIFICATION OF LIFE SAVING MEDICAL KIT

FIELD NURSING ASSISTANT KIT

I. STERILE GAUZE SWABS

1. Made of 100% Cotton Gauze Fabric.
2. Conforms to EP-17 Standards.
3. All swabs are with folded edges with no loose threads.
4. Preferably X-ray detectable thread.
5. ETO/Gamma sterilization.
6. Size:- 10 cm x 10 cm x 12PLY approx.

II. ROLLER BANDAGE

1. 100% Cotton, light stretch with cohesive effect & regain.
2. Latex free coating for cohesive effect.
3. Bandage sticks to itself and not to the skin.
4. Material:- 100% cotton.
5. Sizes :- 7.5cm x 3.5m & 10cm x 3.5m approx.

III. SURGICAL TAPE

1. Micro-porous structure ensures high air & vapor permeability.
2. Water proof.
3. Prevents skin from maceration.
4. Thin & excellent adhesive-comfortable for the patients.
5. Easy to handle with gloves.
6. Size:- 5cm x 9m approx.

IV. CREPE BANDAGE (TYPE-3)

1. Light compression bandage.
2. 100% Cotton threads, very soft and comfortable to the skin.
3. Generates comfort and safe uniform pressure (no rubber threads).
4. Latex Free.
5. Sealed edges, no loose threads.
6. Non slippery texture.
7. With clips.
8. Material:-100% Cotton.
9. Size:- 10 cm x 4m approx.

V. TRANSPARENT FILM DRESSING WITH NON-ADHERENT PAD

1. Transparent, water proof film that serves as a bacterial barrier yet is breathable.
2. 30 µ thick PU film ensures increased breathability & softness.
3. Unique coat technology with patterned adhesive.
4. Latex free, non-adherent pad which does not adhere to the wound bed.
5. Easy to mound around corners and is patient & clinician friendly.
6. Gamma Sterile.
7. Size:- 9 cm x 12 cm approx.

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VI. NON-WOVEN COHESIVE MODERATE COMPRESSION BANDAGE

1. 100% Latex free.
2. Leaves no traces of adhesive on the skin after removal.
3. Skin friendly.
4. Cohesive on both sides, coated with latex free components, adheres only to itself, not to skin.
5. Hand tearable material.
6. Non-slippery material in nature.
7. Provides sustained & reliable compression.
8. Material :- Non Woven, Elastic Fibers, Latex free acrylic adhesive.
9. Size:- 10 cm x 4.5m approx.

VII. STERILE DRESSING KITS

1. Ready to use sterile dressing kits.
2. Sterilized by Gamma Irradiation/ETO.
3. Kit Contains :-

i) Dressing forceps -1	ii) Sterile sheet - 1
iii) Tray with Gallipots -1	iv) Cotton Balls -2
v) Gauze Swab (3" x 3" X 8ply)-3	vi) Examination Gloves – 1 pair – 7.5"
vii) Hand wipe tissue -1	viii) Absorbent dressing pad (3" x 7.5") - 1

VIII. ELASTIC ADHESIVE BANDAGE

1. 100% Latex free.
2. Leaves no traces of adhesive on the skin after removal.
3. Skin friendly.
4. Excellent adhesion.
5. Porous adhesive, permeable to air & moisture.
6. Prevents skin maceration.
7. Offers superior stretch.
8. Material :- 100%Cotton, Zinc Oxide.
9. Size :- 10 cm x 4/6 m.

IX. FLEXIBLE SPLINTS SMALL/MEDIUM/LARGE

1. The splints should be in 3 different shapes for treating fractured joints and can be modeled according to the necessity of use, the splints should be able to provide effective immobilization.
2. It should be possible to straighten the inside structure of the splint by hand. They should be of light weight and could be overlapped with each other to create different configurations for immobilization of body parts.
3. The splint should be made from a thin core of alloy, sandwiched between two layers of closed-cell foam.
4. It should be extremely pliable and can be used for all the sizes – small, medium & large. The Velcro to fix the splints should be adjustable and the splints should be washable and reusable.

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5. Weight:- 1.5 Kg Maximum for kit with 3 sizes.
6. It should be CE marked as per Medical Device Directives (93/42/EEC) and manufactured in a ISO 9001:2008 and ISO 13485 certified facility.

X. CERVICAL COLLAR WITH ADJUSTABLE SIZES AND MRI COMPATIBLE

1. It should be adjustable to multiple sizes and for cervical immobilization
2. It should have ventilation panel with trachea opening
3. It should be X ray, MRI compatible with easy to clean and disinfect
4. It should be CE marked as per Medical Device Directives (93/42/EEC) and manufactured in a ISO 9001:2008 and ISO 13485 certified facility

XI. FOAM BASED HAEMOSTATIC DRESSING

1. Should contains Calcium chloride Glucosamine and Tranexamic acid
2. Sponge-based haemostatic dressing.
3. Consists of a polyelectrolyte complex of biopolymers impregnated with clot promoting and clot stabilizing agents like Tranexamic acid, Calcium chloride and Glucosamine.
4. Doesn't stick to the wound,
5. Non-cytotoxic, non-irritant & non-sensitizer.
6. Patient's skin friendly
7. Size :-7x7 cm
8. IV Cannula – 20G
9. I.V Drip set
10. IV Infusions (a) D.N.S., (b) R/L.
11. Disposal syringes (2 & 5 ml)

XII. EYE PAD WITH ADHESIVE BORDER

1. Non-woven, Latex Free adhesive eye pad with adhesive borders
2. Acrylic based Hypoallergenic adhesive
3. Unique non-adherent absorbent pad coated with polyethylene mesh won't stick to the wound
4. Gamma Sterilization
5. Material :- Non -Woven, Acrylic Adhesive
6. Size:- 10 cm x 7.0 cm approx.


XIII. STERILE COMBINE DRESSING PAD


1. Combine dressing of cotton pad with absorbing over wrap of non-woven material
2. Individually packed in temper proof wraps
3. Sterilized by Gamma irradiation/ETO
4. Non-adherent to the wound
5. Highly absorbent cotton pad ensures slow strike-through even in case of heavy exudates
6. Material:- Non woven Polyester
7. Size:- 10 cm x 10 cm approx.


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XIV. SPONGE BASED ANTIMICROBIAL BARRIER DRESSINGS

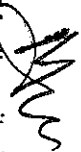
1. Broad-spectrum in nature
2. Effective against both gram-positive & gram-negative bacteria
3. Effective against various super bugs
4. Considerable reduction of microbial load within a short span of time..
5. Soft, flexible and highly porous in nature with the capacity to absorb exudates upto 18-20 times of its weight.
6. Biocompatible Sponge & non-toxic to human tissues.
7. Sizes:-10cm x 10cm & 13cm x 18cm approx.



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Member-I



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Member-II


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Member-VI

TRIAL DIRECTIVES FOR LIFE SAVING MEDICAL KIT

INDIVIDUAL FIRST AID KIT

S.No.	Specification	Procedure suggested for trial for Board of Officers	Result expected/desired	Complied/Not complied
I) STERILE GAUZE SWABS				
1.	Made of 100% Cotton Gauze Fabric	OEM should submit an	As per specification.	
2.	Conforms to EP-17 Standards	undertaking in this regard and		
3.	All swabs are with folded edges with no loose threads	should also check during		
4.	Preferably with X-ray detectable thread	demonstration		
5.	ETO/Gamma sterilization			
6.	Size:- 10 cm x 10 cm x 12Ply approx.			
II) ROLLER BANDAGE				
1.	100% Cotton, light stretch with cohesive effect & regain	OEM should submit an	As per specification.	
2.	Latex free coating for cohesive effect	undertaking in this regard and		
3.	Bandage sticks to itself and not to the skin	should also check during		
4.	Material:- 100% cotton	demonstration		
5.	Sizes :- 7.5 cm x 3.5 m & 10 cm x 3.5 m approx.			
III) SURGICAL TAPE				
1.	Micro-porous structure ensures high air & vapor permeability	OEM should submit an	As per specification.	
2.	Water proof.	undertaking in this regard and		
3.	Prevents skin from maceration	should also check during		
4.	Thin & excellent adhesive-comfortable for the patients	demonstration		
5.	Easy to handle with gloves			
6.	Size:- 5cm x 9 m approx.			


Approved

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IV) CREPE BANDAGE (TYPE-3)			
			<ol style="list-style-type: none"> 1. Light compression bandage 2. 100% Cotton threads, very soft and comfortable to the skin 3. Generates comfort and safe uniform pressure (No rubber threads) 4. Latex free 5. Sealed edges, no loose threads 6. Non slippery texture 7. With clips 8. Material:-100% Cotton 9. Size: - 10 cm x 4 m approx.
	As per specification.	OEM should submit an undertaking in this regard and should also check during demonstration	
V) TRANSPARENT FILM DRESSING WITH NON-ADHERENT PAD			
			<ol style="list-style-type: none"> 1. Transparent, water proof film that serves as a bacterial barrier yet is breathable 2. 30 µ thick PU film ensures increased breathability & softness 3. Unique coat technology with patterned adhesive. 4. Latex free, non-adherent pad which does not adhere to the wound bed. 5. Easy to mound around corners and is patient & clinician friendly 6. Gamma Sterile 7. Size: - 9 cm x 12 cm approx.
	As per specification.	OEM should submit an undertaking in this regard and should also check during demonstration	
VI) NON-WOVEN COHESIVE MODERATE COMPRESSION BANDAGE			
			<ol style="list-style-type: none"> 1. 100% Latex free 2. Leaves no traces of adhesive on the skin after removal 3. Skin friendly 4. Cohesive on both sides, coated with latex free components, adheres only to itself, not to skin 5. Hand tearable material 6. Non-slippery material in nature. 7. Provides sustained & reliable compression 8. Material :- Non Woven, Elastic Fibers, Latex free acrylic adhesive
	As per specification.	OEM should submit an undertaking in this regard and should also check during demonstration	

9.	Size:- 10 cm x 4.5 m approx.		
STERILE DRESSING KITS			
1.	Ready to use sterile dressing kits	OEM should submit an	
2.	Sterilized by Gamma Irradiation/ETO	undertaking in this regard and	
3.	Kit Contains :- i) Dressing forceps-1 ii) Sterile sheet - 1 iii) Tray with Gallipots -1 iv) Cotton Balls -2 v) Gauze Swab (3"x3"x8ply)-3 vi) Examination Gloves - 1 pair - 7.5" vii) Hand wipe tissue - 1 viii) Absorbent dressing pad (3"x7.5") - 1	should also check during demonstration	

(Dr. R K Godara)
CMO(SG), BSF
Member-I



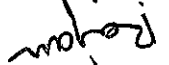
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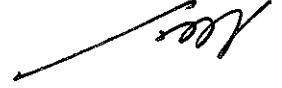
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Supt. to S. Br. RAF/CRPF
Member-IV



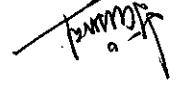
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TRIAL DIRECTIVES FOR LIFE SAVING MEDICAL KIT

BASIC FIRST AID KIT

S.No.	Specification	Procedure suggested for trial for Board of Officers	Result expected/desired	Complied/Not complied
i) STERILE GAUZE SWABS				
1.	Made of 100% Cotton Gauze Fabric	OEM should submit an	As per specification.	
2.	Conforms to EP-17 Standards	undertaking in this regard and		
3.	All swabs are with folded edges with no loose threads	should also check during		
4.	Preferably X-ray detectable thread	demonstration		
5.	ETO/Gamma sterilization			
6.	Size:- 10 cm x 10 cm x 12Ply approx.			
ii) ROLLER BANDAGE				
1.	100% Cotton, light stretch with cohesive effect & regain	OEM should submit an	As per specification.	
2.	Latex free coating for cohesive effect	undertaking in this regard and		
3.	Bandage sticks to itself and not to the skin	should also check during		
4.	Material:- 100% cotton.	demonstration		
5.	Sizes :- 7.5 cm x 3.5m & 10 cm x 3.5 m approx.			
iii) SURGICAL TAPE				
1.	Micro-porous structure ensures high air & vapor	OEM should submit an	As per specification.	
2.	permeability.	undertaking in this regard and		
3.	Prevents skin from maceration	should also check during		
4.	Thin & excellent adhesive-comfortable for the patients	demonstration		
5.	Easy to handle with gloves			
6.	Size:- 5cm x 9 m approx.			

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IV) CREPE BANDAGE (TYPE-3)			
	As per specification.	OEM should submit an undertaking in this regard and should also check during demonstration	<ol style="list-style-type: none"> 1. Light compression bandage 2. 100% Cotton threads, very soft and comfortable to the skin 3. Generates comfort and safe uniform pressure (no rubber threads) 4. Latex Free 5. Sealed edges, no loose threads 6. Non slippery texture 7. With clips 8. Material:-100% Cotton 9. Size: - 10 cm x 4 m approx.
V) TRANSPARENT FILM DRESSING WITH NON-ADHERENT PAD			
	As per specification.	OEM should submit an undertaking in this regard and should also check during demonstration	<ol style="list-style-type: none"> 1. Transparent, water proof film that serves as a bacterial barrier yet is breathable 2. 30 µ thick PU film ensures increased breathability & softness 3. Unique coat technology with patterned adhesive 4. Latex free, non-adherent pad which does not adhere to the wound bed 5. Easy to mound around corners and is patient & clinician friendly 6. Gamma Sterile 7. Size: - 9 cm x 12 cm approx.
VI) NON-WOVEN COHESIVE MODERATE COMPRESSION BANDAGE			
	As per specification.	OEM should submit an undertaking in this regard and should also check during demonstration	<ol style="list-style-type: none"> 1. 100% Latex free 2. Leaves no traces of adhesive on the skin after removal 3. Skin friendly 4. Cohesive on both sides ,coated with latex free components, adheres only to itself, not to skin 5. Hand tearable material 6. Non-slippery material in nature. 7. Provides sustained & reliable compression 8. Material :- Non Woven ,Elastic fibers, Latex free acrylic adhesive 9. Size:- 10 cm x 4.5 m approx.

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VII) STERILE DRESSING KITS			
<ol style="list-style-type: none"> 1. Ready to use sterile dressing kits 2. Sterilized by Gamma Irradiation/ETO 3. Kit Contains :- <ol style="list-style-type: none"> i) Dressing-Forceps -1 ii) Sterile sheet - 1 iii) Tray with Gallipots -1 iv) Cotton Balls -2 v) Gauze Swab (3"x3"X 8ply)-3 vi) Examination Gloves - 1 pair - 7.5" vii) Hand wipe tissue -1 viii) Absorbent dressing pad (3"x7.5") - 1 	<p>OEM should submit an undertaking in this regard and should also check during demonstration</p>	<p>As per specification.</p>	
VIII) ELASTIC ADHESIVE BANDAGE			
<ol style="list-style-type: none"> 1. 100% Latex free 2. Leaves no traces of adhesive on the skin after removal 3. Skin friendly 4. Excellent adhesion 5. Porous adhesive, permeable to air & moisture 6. Prevents skin maceration 7. Offers superior stretch 8. Material :- 100% Cotton, Zinc Oxide 9. Size :- 10 cm x 4/6 m 	<p>OEM should submit an undertaking in this regard and should also check during demonstration</p>	<p>As per specification.</p>	
IX) FLEXIBLE SPLINTS SMALL/MEDIUM/LARGE			
<ol style="list-style-type: none"> 1. The splints should be in 3 different shapes for treating fractured joints and can be modeled according to the necessity of use, the splints should be able to provide effective immobilization. 2. It should be possible to straighten the inside structure of the splint by hand. They should be of light weight and could be overlapped with each other to create different configurations for immobilization of body parts 3. The splint should be made from a thin core of alloy, sandwiched between two layers of closed-cell foam 4. It should be extremely pliable and can be used for all the sizes - small, medium & large The Velcro to fix the splints should be adjustable and the splints should be washable and reusable 			

			<p>5. Weight: - 1.5 Kg Maximum for kit with 3 sizes 6. It should be CE marked as per Medical Device Directives (93/42/EEC) and manufactured in a ISO 9001:2008 and ISO 13485 certified facility</p>
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[Signature]
 (Dr. R K Godara)
 CMO(SG), BSF
 Member-I

[Signature]
 (Dr. C.P.Sharma)
 GMO(SG), ITBP
 Member-II

[Signature]
 (Dr. Jishnu Barua),
 CMO(SG), NSG
 Member-III

[Signature]
 (Dr. Rajan Kumar)
 SMO, 103 Km. RAF/CRPF
 Member-IV

[Signature]
 (Shri K K Sinha)
 SSA Life Sc., BPR&D
 Member-VI

[Signature]
 (Dr. Madhumita Vadantam)
 AC(MO), SSB
 Member-V

[Signature]
 (Dr. ShekharJaiswal)
 DIG/Director(Med.) CISF
 Presiding Officer

TRIAL DIRECTIVES FOR LIFE SAVING MEDICAL KIT

APPENDIX - 'C-1'

FIELD NURSING ASSISTANT KIT

S.No.	Specification	Procedure suggested for trial for	Result expected/desired	Complied/Not complied
I) STERILE GAUZE SWABS				
1.	Made of 100% Cotton Gauze Fabric	OEM should submit an undertaking in this regard and should also check during demonstration	As per specification.	
2.	Conforms to EP-17 Standards			
3.	All swabs are with folded edges with no loose threads			
4.	Preferably X-ray detectable thread			
5.	ETO/Gamma sterilization			
6.	Size:- 10 cm x 10 cm x 12Ply approx.			
II) ROLLER BANDAGE				
1.	100% Cotton, light stretch with cohesive effect & regain	OEM should submit an undertaking in this regard and should also check during demonstration	As per specification.	
2.	Latex free coating for cohesive effect			
3.	Bandage sticks to itself and not to the skin			
4.	Material:- 100 cotton			
5.	Sizes :- 7.5 cm x 3.5 m & 10 cm x 3.5 m approx.			
III) SURGICAL TAPE				
1.	Micro-porous structure ensures high air & vapor permeability.	OEM should submit an undertaking in this regard and should also check during demonstration	As per specification.	
2.	Water proof.			
3.	Prevents skin from maceration			
4.	Thin & excellent adhesive-comfortable for the patients			
5.	Easy to handle with gloves			
6.	Size:- 5cm x 9 m approx.			
IV) CREPE BANDAGE (TYPE-3)				
1.	Light compression bandage	OEM should submit an undertaking in this regard and should also check during demonstration	As per specification.	
2.	100% Cotton threads, very soft and comfortable to the skin			
3.	Generates comfort and safe uniform pressure (no rubber threads).			
4.	Latex Free			
5.	Sealed edges, no loose threads			
6.	Non slippery texture			
7.	With clips			
8.	Material:-100% Cotton			
9.	Size: - 10 cm x 4 m approx.			

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			<p>V) TRANSPARENT FILM DRESSING WITH NON-ADHERENT PAD</p>
	<p>OEM should submit an undertaking in this regard and should also check during demonstration</p>		<p>1. Transparent, water proof film that serves as a bacterial barrier yet is breathable 2. 30 µ thick PU film ensures increased breathability & softness 3. Unique coat technology with patterned adhesive 4. Latex free, non-adherent pad which does not adhere to the wound bed 5. Easy to mound around corners and is patient & clinician friendly 6. Gamma Sterile 7. Size: - 9 cm x 12 cm approx.</p>
	<p>OEM should submit an undertaking in this regard and should also check during demonstration</p>		<p>VI) NON-WOVEN COHESIVE MODERATE COMPRESSION BANDAGE</p> <p>1. 100% Latex free 2. Leaves no traces of adhesive on the skin after removal 3. Skin friendly 4. Cohesive on both sides, coated with latex free components, adheres only to itself, not to skin 5. Hand tearable material 6. Non-slippery material in nature 7. Provides sustained & reliable compression 8. Material :- Non Woven, Elastic fibers, Latex free acrylic adhesive 9. Size:- 10 cm x 4.5 m approx.</p>
	<p>OEM should submit an undertaking in this regard and should also check during demonstration</p>		<p>VII) STERILE DRESSING KITS</p> <p>1. Ready to use sterile dressing kits 2. Sterilized by Gamma Irradiation/ETO 3. Kit Contains :- i) Dressing forceps -1 ii) Sterile sheet - 1 iii) Tray with Gallipots -1 iv) Cotton Balls -2 v) Gauze Swab (3" x 3" X 8ply)-3 vi) Examination Gloves - 1 pair - 7.5" vii) Hand wipe tissue -1 viii) Absorbent dressing pad (3" x 7.5") - 1</p>

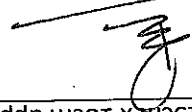
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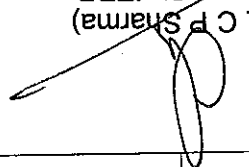
VIII) ELASTIC ADHESIVE BANDAGE			
	As per specification.	OEM should submit an undertaking in this regard and should also check during demonstration	<ol style="list-style-type: none"> 100% Latex free Leaves no traces of adhesive on the skin after removal Skin friendly Excellent adhesion Porous adhesive, permeable to air & moisture Prevents skin maceration Offers superior stretch Material :- 100% Cotton, Zinc Oxide Size :- 10 cm x 4/6 m approx.
IX) FLEXIBLE SPLINTS SMALL/MEDIUM/LARGE			
	As per specification.	OEM should submit an undertaking in this regard and should also check during demonstration	<ol style="list-style-type: none"> The splints should be in 3 different shapes for treating fractured joints and can be modeled according to the necessity of use, the splints should be able to provide effective immobilization. It should be possible to straighten the inside structure of the splint by hand. They should be of light weight and could be overlapped with each other to create different configurations for immobilization of body parts The splint should be made from a thin core of alloy, sandwiched between two layers of closed-cell foam It should be extremely pliable and can be used for all the sizes – small, medium & large. The Velcro to fix the splints should be adjustable and the splints should be washable and reusable Weight: - 1.5 Kg Maximum for kit with 3 sizes It should be CE marked as per Medical Device Directives (93/42/EEC) and manufactured in a ISO 9001:2008 and ISO 13485 certified facility
X) CERVICAL COLLAR WITH ADJUSTABLE SIZES AND MRI COMPATIBLE			
	As per specification.	OEM should submit an undertaking in this regard and should also check during demonstration	<ol style="list-style-type: none"> It should be adjustable to multiple sizes and for cervical immobilization It should have ventilation panel with trachea opening It should be X ray, MRI compatible with easy to clean and disinfect It should be CE marked as per Medical Device Directives (93/42/EEC) and manufactured in a ISO 9001:2008 and ISO 13485 certified facility

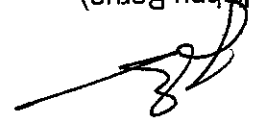
			<p>XI) FOAM BASED HAEMOSTATIC DRESSING</p> <ol style="list-style-type: none"> 1. Should contains Calcium chloride Glucosamine and Tranexamic acid 2. Sponge-based haemostatic dressing. 3. Consists of a polyelectrolyte complex of biopolymers impregnated with clot promoting and clot stabilizing agents like Tranexamic acid, Calcium chloride and Glucosamine. 4. Doesn't stick to the wound, 5. Non-cytotoxic, non-irritant & non-sensitizer. 6. Patient's skin friendly 7. Size :-7x7 cm 8. IV Cannula – 20G 9. I.V Drip set 10. IV Infusions – (a) D.N.S. (b) R/L 11. Disposal syringes (2 & 5 ml)
	As per specification.	OEM should submit an undertaking in this regard and should also check during demonstration	<p>XII) EYE PAD WITH ADHESIVE BORDER</p> <ol style="list-style-type: none"> 1. Non-woven, Latex Free adhesive eye pad with adhesive borders 2. Acrylic based Hypoallergenic adhesive 3. Unique non-adherent absorbent pad coated with polyethylene mesh won't stick to the wound 4. Gamma Sterilization 5. Material :- Non –Woven, Acrylic Adhesive 6. Size:- 10 cm x 7.0 cm approx.
	As per specification.	OEM should submit an undertaking in this regard and should also check during demonstration	<p>XIII) STERILE COMBINE DRESSING PAD</p> <ol style="list-style-type: none"> 1. Combine dressing of cotton pad with absorbing over wrap of non-woven material 2. Individually packed in temper proof wraps 3. Sterilized by Gamma irradiation/ETO 4. Non-adherent to the wound 5. Highly absorbent cotton pad ensures slow strike-through even in case of heavy exudates 6. Material:- Non woven Polyester 7. Size:- 10 cm x 10 cm approx.

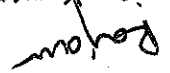
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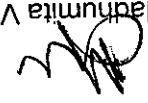
XIV) SPONGE BASES ANTIMICROBIAL BARRIER DRESSINGS	
<p>1. Broad-spectrum in nature</p> <p>2. Effective against both gram-positive & gram-negative bacteria</p> <p>3. Effective against various super bugs</p> <p>4. Considerable reduction of microbial load within a short span of time.</p> <p>5. Soft, flexible and highly porous in nature with the capacity to absorb exudates upto 18-20 times of its weight.</p> <p>6. Biocompatible Sponge & non-toxic to human tissues.</p> <p>7. Sizes :-10cm x 10cm & 13cm x 18cm approx.</p>	<p>OEM should submit an undertaking in this regard and should also check during demonstration</p> <p>As per specification.</p>

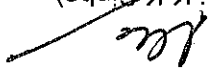

 (Dr. R K Godara)
 CMO(SG), BSF
 Member-I



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 Member-II


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