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- 1089 Dated: 25.07.2019

To,

The AIG/Tech,
CISF HQrs., New Delhi

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

Enclosed find herewith a soft copy of Draft QRs/Specification and Trial Directives of '**CRYOTHERAPY UNIT**' prepared by Board of Medical Officers detailed by ADG(Med), CAPFs, vide their letter B-13017/SDM/BDF//DA-3/2017/314 dated 13.02.2019 for hosting the same on CISF and MHA websites with a link showing 'DRAFT QRs/SPECIFICATIONS OF HOSPITAL EQUIPMENTS' 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. In this regard, copy of MHA (PM Division) letter No.IV-24011/12/2011-Prov-I dated 19.06.2014 is also enclosed.

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

Encls:- As above.

25/7/2019

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

Copy to:-

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

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	:	26.06.2019 onwards.
By the order of	:	ADG(Med.), CAPFs, NSG & AR order No. B-13017/SDM/BD/DA-3/2017/314 Dated 13.02.2019.
Purpose	:	To draw QRs/Specifications and Trial Directives of '**Cryotherapy Unit**'.

Composition of Board :

P.O.	Dr. ShekharJaiswal, DIG/Director(Med.), **CISF,** CGO Complex, New Delhi
Member-I	Dr. S K Singh, CMO(SG), FHQ Hosp-I, **BSF**, R K Puram, New Delhi.
Member-II	Dr. Kenjom Ngomdir, CMO(SG), Sports Medicine, Trg. Dte. **CRPF** New Delhi
Member-III	Dr. Harvinder Singh, CMO(SG), BHD, **ITBP**, New Delhi
Member-IV	Dr. Y. JK Singh, Comdt. (Med.) **SSB**
Member-V	Sh. S. K. Sinha, SSA Life Sc. **BPR&D**, Mahipalpur, New Delhi
Co-opted member	Dr. V K Mathur, CMO(SG), Sports Medicine Specialist, **NSG,** CH, Manesar

Pursuant to the orders of ADG/Med., CAPFs, the board assembled at office of DIG/Director (Medical), CISF, CGO Complex, Lodhi Road, New Delhi from 25.06.2019 onwards and proceeded to study and draw QRs/Specifications and Trial Directives of '**Cryotherapy**' as per enclosed **Appendix-'A' & Appendix-'B'**.

(Dr. S K Singh)
CMO(SG), **BSF**
Member-I

(Dr. Kenjom Ngomdir),
CMO(SG), **CRPF**
Member-II

(Dr. Harvinder Singh)
CMO(SG), BH **ITBP**
Member-III

(Dr. Y JK Singh)
Comdt.(Med.), **SSB**
Member-IV

(Dr. V K Mathur)
CMO(SG), CH, **NSG**
Co-opted member

(S K Sinha)
SSA Life Sc. BPR&D
Member-v

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

APPENDIX - 'A'

QRs/SPECIFICATION OF CRYOTHERAPY UNIT

The unit must have following features:

1. The temperature of the treatment air should be upto -30°C.
2. Should use Room air to provide cool air without need of any consumable.
3. Should have large display for ease of operation.
4. Should have Pre-set program & Individual programming combining air flow & Treatment time.
5. Should have Air flow level adjustable from 90 lt/min up to 1000 lt/min.
6. Should have Treatment tube Length180 cm or more for easy approach to different treatment areas.
7. Defrosting should be displayed on control Panel.
8. Filter cleaning should be displayed on control Panel.
9. Air filter should be easily approachable for cleaning.
10. Should have Reduction nozzles Different diameters from 5 to 15mm.
11. Treatment time should be adjustable up upto 90 Mins or above.
12. Should meet International Safety & Quality standards in accordance with EU Medical Devices Directive 93/42/EEC / If Indian standards are available, will be sufficient (No need of CE, CFDA, FDA).

13. **Electrical rating:**
    Supply voltages: 220 V – 240 V / 50 Hz / 60 Hz
    Power Input Standby: 260 W , Maximal: 1 kW
    Current consumption: standby: 2A maximum: 9-12A

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Co-opted member

(S K Sinha)
SSA Life Sc. BPR&D
Member-v

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

APPENDIX - 'B'

TRIAL DIRECTIVES FOR CRYOTHERAPY UNIT

S.No.	Specification	Procedure suggested for trial for Board of Officers	Result expected/desired	Complied/Not complied
	The unit must have following features:			
1.	The temperature of the treatment air should be upto -30°C (-30°C).	Check physically and get certificate or check manually.	As per specification.	
2.	Should use Room air to provide cool air without need of any consumable.	Board should check physically during demonstration.	As per specification.	
3.	Should have large display for ease of operation	OEM should submit an undertaking	As per specification.	
4.	Should have Pre-set program & Individual programming combining air flow & Treatment time.	Board should check physically during demonstration. OEM should submit an undertaking in this regard	As per specification.	
5.	Should have Air flow level adjustable from 90 lt/min up to 1000 lt/min .	Board should check physically during demonstration.	As per specification.	
6.	Should have Treatment tube Length180 cm or more for easy approach to different treatment areas.	Board should check physically during demonstration.	As per specification.	
7.	Defrosting should be displayed on control Panel	Board should check physically during demonstration.	As per specification.	
8.	Filter cleaning should be displayed on control Panel,	OEM should submit an undertaking in this regard and should also check during demonstration	As per specification.	
9.	Air filter should be easily approachable for cleaning	OEM should submit an undertaking in this regard and should also check during demonstration	As per specification.	
10.	Should have Reduction nozzles Different diameters from 5 to 15mm	OEM should submit an undertaking in this regard and should also check during demonstration	As per specification.	
11.	Treatment time should be adjustable up upto 90 Mins or above	OEM should submit an undertaking in this regard and should also check during demonstration	As per specification.	

Jaiswal

12.	Should meet International Safety & Quality standards in accordance with EU Medical Devices Directive 93/42/EEC / If Indian standards are available, will be sufficient (No need of CE, CFDA, FDA).	OEM should submit an undertaking in this regard and should also check during demonstration	As per specification.	
13.	**Electrical rating:**			
	Supply voltages: 220 V – 240 V / 50 Hz / 60 Hz	OEM should submit an undertaking in this regard	As per specification.	
	Power Input Standby: 260 W , Maximal: 1 kW	OEM should submit an undertaking in this regard	As per specification.	
	Current consumption: standby: 2A maximum: 9-12A	OEM should submit an undertaking in this regard	As per specification.	

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Member-IV

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Co-opted member

(S K Sinha)
SSA Life Sc. **BPR&D**
Member-V

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