

No. IV.17018/3/07-Prov-I/MHA-Prov.I
Bharat Sarkar/Government of India
Griha Mantralaya/Ministry of Home Affairs
PM Division/Prov. I Desk

26, Man Singh Road, Jaisalmer House
New Delhi, Dated : 28th June, 2013

To,

DsG : AR (through LOAR), BSF, CISF, CRPF, ITBP, SSB, NSG & BPR&D.

Subject : Trial Directives for Bomb Blanket.

The Trial Directives in respect of Bomb Blanket as per the Annexure have been accepted by the Competent Authority in MHA

2. Henceforth, all the CAPFs should trial evaluate the above items strictly as per the laid down Trial Directive and Technical Specifications/QRs issued vide letter of even number dated 17-8-2012.

Yours faithfully,



(Smt. S B Nanda)
Under Secretary(Prov.I)
Tel : 23381278

Copy forwarded for necessary action to :-

SO(IT), MHA : It is requested to host the Trial Directives (soft copy attached) on the MHA website (under the page of Organizational Set up-Police Modernization Division-Qualitative Requirements) alongwith QRs for Bomb Blanket.



(R K Soni)
Section Officer (Prov.I)

Copy to : Director (Procurement), MHA.

Copy for information to : PS to JS (PM)

TRIAL DIRECTIVES OF BOMB BLANKET

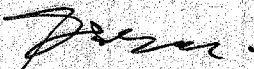
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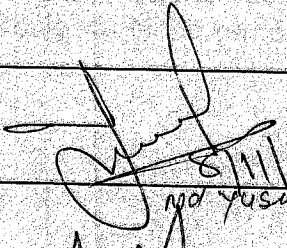
<u>Sr No</u>	<u>QR of Bomb Blanket</u>	<u>Trial Directives</u>	<u>Remarks</u>
1.	The Bomb Blanket should offer protection against Blast, thermal and fragmentation effect resulting from the detonation of explosives (STAGNAG 2920 V50 @ not less than 665 m/sec). The firm will have to produce certificate from a national/international accredited lab.	National/International accredited lab report required certifying compliance with STAGNAG 2920 V50 @ not less than 665m/sec.	Certificate to be checked by the BOO.
2.	The Bomb Blanket should be made with multiple layers of suitable armed fabric and should conform to the protection level required and then sewn into a Fire Retardant, water repellent cover.	Compliance certificate from National/International accredited lab.	Certificate to be checked by the BOO.
3.	The Bomb Blanket should consist of an integral Blast containment ring to deter side fragmentation discharge and to direct the force of the blast upwards.	To be physically checked by the BOO while carrying out the blast.	
4.	The Bomb Blanket design and material used for manufacture should permit taking X-ray of the suspected device, without being lifted.	X-ray to be taken with the help of RTVS without lifting the bomb blanket. Real time view of the components of the suspected device will be the acceptance criteria.	RTVS to be provided by the indenter.
5.	The Bomb Blanket should permit effective firing of Disruptors on the suspected device without being lifted.	De-Armr Disruptor should be able to disrupt the suspected device without lifting the bomb blanket.	De-Armr Disruptor with cartridge to be provided by the indenter.
6.	The Bomb Blanket should easily cover a suspected device of min size of 40cm x 30cm x 40cm without making any contacts.	To be checked physically by the BOO.	
7.	The Bomb Blanket should provide easy lifting facility and should have no filling or strapping of blanket while deployment.	To be checked physically by the BOO.	


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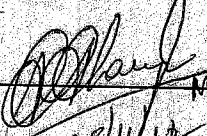
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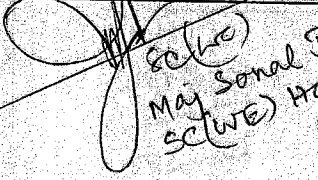
<u>Ser No</u>	<u>QR of Bomb Blanket</u>	<u>Trial Directives</u>	<u>Remarks</u>
8.	Weight of Bomb Blanket should not be more than 40 kgs including blast containment ring.	To be checked physically by the BOO.	
9.	The Bomb Blanket should offer protection against Blast, Thermal and fragmentation effect resulting out of blast effect of 2 Kg TNT equivalent explosive along with min 100 gms of nail as fragmentation.	To be checked physically by the BOO. 2Kg TNT equivalent explosive with min 100 gms of nail (of different sizes) as fragmentation to be blasted inside the bomb blanket. Non perforation of the side walls of the Bomb Blanket below the Blast containment ring will be the acceptable criteria. (To be checked simultaneously along with serial No-3 above).	One sample to be provided by the firm for destructive testing.
10.	The storage life of the Bomb Blanket should be 7 Years	Compliance certificate from OEM.	Certificate to be checked by the BOO.
11.	<p>Miscellaneous. The firm should be able to provide the following, as applicable along with the equipment :-</p> <p>(a) Cleaning kit, if any</p> <p>(b) Users hand book & technical manual giving full description of the item.</p> <p>(c) Literature on preservation technique as applicable.</p> <p>(d) Suitable ruggedized carrying case.</p>	To be provided by the firm.	To be checked physically by the BOO.


 Kapil Kumar
 PSO (w), BPRD.


 Lt Col Balanishan
 OC BO unit
 (Subhash Joshi)
 Director General, NSG


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 SSB


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