

REVISED DRAFT QRs & TDs OF BOMB BLANKET: 12 JUN 2024

Ser No	QRs / Specification	Trial Directives
1.	The Bomb Blanket should offer protection against blast, thermal and fragmentation effect resulting from the detonation of explosives (STANAG 2920 V50 17 gms (FSP) steel fragment/ MIL STD 662F @ not less than 665 m / sec). The firm will have to produce certificate from a national / international accredited lab.	TBRL certifying compliance with STANAG 2920 V50 17 Gmn (FSP) steel fragment / MIL STD 662F @ not less than 665m/sec Certificate to be checked by the BOO.
2.	The Bomb Blanket should be made of suitable aramid fabric and should conform to the protection level required and then sewn into a Fire Retardant, water repellent cover. Should be waterproof and dust proof.	Compliance certificate from TBRL. 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 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
6.	The Bomb Blanket should provide easy lifting facility and should have no filling or strapping of blanket while deployment & inbuilt anchor arrangement to be there.	To be checked physically by the BOO. A certificate from National/ International lab should be provided stating that the product has no filling.
7.	Weight of Bomb Blanket should not be more than 40 Kgs including blast containment ring.	To be checked physically by the BOO.
8.	The Bomb Blanket should offer protection against blast, thermal and fragmentation effect resulting out of blast effect of 2 kg TNT equivalent explosives alongwith min 100 gms of nails/ nuts as fragments.	To be checked at TBRL Chandigarh in the presence of BOO. 2 Kg 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)













09.	The storage life of the Bomb Blanket should be 10 Years.	Compliance certificate from OEM.
10.	Miscellaneous. The firm should be able to provide the following as applicable alongwith the equipment: -	
	(a) Cleaning kit, if any.	To be provided by the firm
	(b) Users hand book & technical manual giving full description of the item	
	(c) Literature on preservation techniques as applicable	
	(d) Suitable ruggedized carrying case.	




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