

**REVISED DRAFT QRs & TDs OF BOMB BLANKET**

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 TBRL. During STEC stage, firm to submit TBRL certificate for blast testing compliant to MHA QRs and such certificate should be valid for 4 years. However, blast testing will invariably be conducted at TBRL for lot testing during final bulk supply.	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 required protection level and then sewn into a water repellent cover.	Firm to submit NABL certificate in this regard.
3.	The Bomb Blanket (size 2x1.5m) should consist of an integral blast containment ring of 18 inch height to deter side fragmentation discharge and to direct the force of the blast upwards. The ring should be able to encircle the suspected object (40cm x 30cm x 40cm) without touching it. Ring should be made of one piece without any joint.	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 user.
5.	The Bomb Blanket should provide some arrangements to hold it for placing it on suspected object.	To be checked physically by the BOO.
6.	Weight of complete Bomb Blanket with containment ring should not be more than 52 Kgs.	To be checked physically by the BOO.

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Ser No	QRs / Specification	Trial Directives
7.	The Bomb Blanket should offer protection against blast, thermal and fragmentation effect resulting out of blast effect of 300gms TNT equivalent explosives along-with min 100 gms of nails/ nuts as fragments.	To be checked at TBRL Chandigarh in the presence of BOO. 300 gm TNT equivalent explosive with min 100 gms of nail (of different sizes) as fragmentation to be blasted inside the Bomb Blanket.  Person should be safe beyond the perimeter of 5 meters from the suspected object and no fragmentation should be able to reach at 5 meter. Blast pressure & thermal injury should also be reduced up-to human safety levels.
08.	The storage life of the Bomb Blanket should be 07 Years.	Compliance certificate from OEM.
09.	<p><b>Miscellaneous.</b> The firm should be able to provide the following as applicable alongwith the equipment: -</p> <p>(a) Cleaning kit, if any.</p> <p>(b) Users hand book &amp; technical manual giving full description of the item</p> <p>(c) Literature on preservation techniques as applicable</p> <p>(d) Suitable ruggedized carrying case.</p>	To be provided by the firm

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