

26 AUG 2015

No. IV-17018/3/07-Prov-I 1644

भारत सरकार/Government of India

गृह मंत्रालय/Ministry of Home Affairs

पुलिस आधुनिकीकरण प्रभाग /Police Modernization Division

संभरण-I डेस्क/Prov.I Desk

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26, Man Singh Road, Jaisalmer House,  
New Delhi, the 24<sup>th</sup> August, 2015.

To,

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

**Subject : Revised QRs and Trial Directives for Bomb Blanket.**

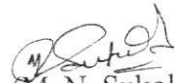
The revised QRs and Trial Directives in respect of Bomb Blanket as per the Annex-I and Annex-II respectively have been accepted by the Competent Authority in MHA.

2. Henceforth, all the CAPFs should procure the above item required by them strictly as per laid down Technical Specifications/QRs.

3. Concerned CAPF will be accountable for correctness of the QRs/Trial Directives.

4. Bomb Blanket is protective gear and therefore, putting details QRs of such items on website may not be in the interest of nation keeping in view of security. However, while floating tenders/RFP, utmost care needs to be taken to have effective transparency in the procedure, keeping in view the guidelines used by the CVC on the subject.

Yours faithfully,

  
(M. N. Sukole)

Under Secretary to the Govt. of India

Encl.: As above.

Copy to : DDG(Procurement), MHA.

NGO Dy No. 2589  
DATE 26/8/15

IG (Prov) Secretariat  
Dy No. 1025  
Date 26/8/15

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REVISED QRs OF BOMB BLANKET

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| Ser No | QR of Bomb Blanket   | Revised QRs  | Reason for Change                 |
|--------|--|--|-----------------------------------|
| 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. | 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. | Due to advancement in technology. |
| 2.     | The Bomb Blanket should be made with multiple layers of suitable aramid fabric and should conform to the protection level required and then sewn into a Fire Retardant, water repellent cover.   | 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.  | Due to advancement in technology. |
| 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.  | No change  |                                   |
| 4.     | The Bomb Blanket design and material used for manufacture should permit taking X-ray of the suspected device, without being lifted.  | No change  |                                   |
| 5.     | The Bomb Blanket should permit effective firing of Disruptors on the suspected device without being lifted.  | No change  |                                   |

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 PSOC (R&E)  
 BPR&D

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 (CDC Jit Thakur)  
 AR  
[Signature]  
 (Capt S. Kapoor, NDC Day  
 Centre NSG)

[Signature]  
[Signature]  
 (JAYARAJAN - K)  
 TC (S) Ops, NSG

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 (Major Sumit Singhania  
 SC (OP)), NSG  
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 Sitaranar ITBP



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 Abhinav Ranjan  
 DCC (Ord), CRPF


[Signature]  
 Harjinder Kumar  
 DC, SIW, BSF

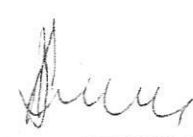
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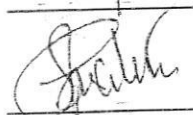
REVISED QRs OF BOMB BLANKET (Contd...)

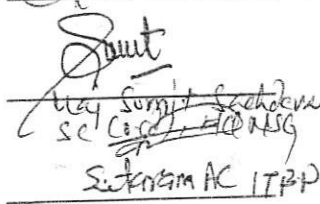
| Ser No | QR of Bomb Blanket  | Revised QRs  | Reason for Change                |
|--------|---|--|----------------------------------|
| 6.     | The Bomb Blanket should easily cover a suspected device of min size of 40cm x 30cm x 40cm without making any contacts.  | No change  |                                  |
| 7.     | The Bomb Blanket should provide easy lifting facility and should have no filling or strapping of blanket while deployment.  | No change  |                                  |
| 8.     | Weight of Bomb Blanket should not be more than 40 kgs including blast containment ring.   | No change  |                                  |
| 9.     | The Bomb Blanket should offer protection against blast, thermal and fragmentation effect resulting out of blast effect of 2 Kg TNT equivalent explosive alongwith min 100 gms of nails/nuts as fragments.   | No change  |                                  |
| 10.    | The storage life of the Bomb Blanket should be 7 Years  | The storage life of the Bomb Blanket should be 7 Years at ambient temperature. | Due to advancement in technology |
| 11.    | <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 technique as applicable.</p> <p>(d) Suitable ruggedized carrying case</p> | No change  |                                  |

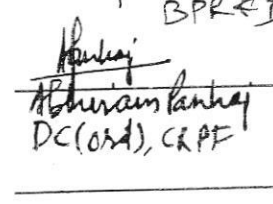
  
  
 (J.K. SHARMA, AC)  
 SSB  
 P. S. (BRS)  
 BPRD.

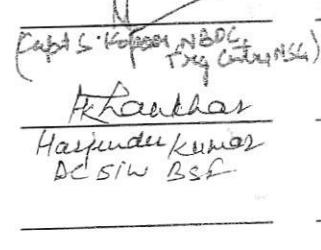
  
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 (J. K. SHARMA, AC)  
 TCSW Q. 22, NSG

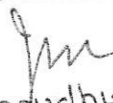
  
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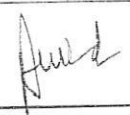
  
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 DC (OSD), CRPF

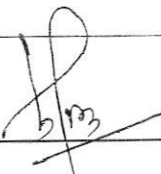
  
 Anand  
 Harjinder Kumar  
 DC SIW BSF


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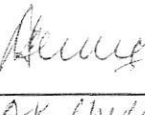
  
 (J.N. Choudhury)  
 DG, NSG

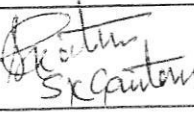
| Ser No | QR of Bomb Blanket   | Revised TDs  |
|--------|--|--|
| 1.     | The Bomb Blanket should offer protection against Blast, thermal and fragmentation effect resulting from the detonation of explosives (STANAG 2920 V50 17 gms (FSP) steel fragment / MIL STD 662F @ not less than 665 m/sec). The firm will have to produce certificate from a national/international accredited lab. | National/International accredited lab report required certifying compliance with STANAG 2920 V50 17 gms (FSP) steel fragment / MIL STD 662F @ not less than 665m/sec.                                    |
| 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.  | Compliance certificate from National/International accredited lab.   |
| 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 (To be checked simultaneously along with serial No.9 below).  |
| 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 to be provided by the user and cartridge to be provided by the vendor.              |

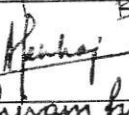
  
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 (MAJ ARVIND SINGH)  
 BDO, NSG

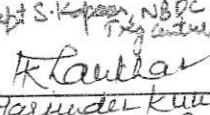
  
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 PSO (BPE)  
 BPRD.

  
 \_\_\_\_\_  
 (DC S.K. KAPOOR)  
 AR  
 (Capt S. K. Kapoor, NBDC  
 Hyderabad, NSG)

  
 \_\_\_\_\_  
 (A.K. CHOUHARY)  
 (JAGADJAN E)  
 (Sd) Cdr NSG

  
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 Subram  
 ASST  
 BDO

  
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 Abhiram  
 DC (Ord), CRPF

  
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 Harpreet  
 DC SIW BSA

  
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 Subram  
 BDO

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REVISED TDs OF BOMB BLANKET (Contd...)

| Ser No | QR of Bomb Blanket   | Revised TDs   |
|--------|--|---|
| 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. A certificate from National / International accredited lab should be provided stating that the product has no filling.   |
| 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 alongwith min 100 gms of nails/nuts as fragments.  | To be checked at TBRL Chandigarh in the presence of 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.<br>(To be checked simultaneously along with serial No.3 above). |
| 10.    | The storage life of the Bomb Blanket should be 7 Years at ambient temperature.   | Compliance certificate from OEM.  |
| 11.    | <b>Miscellaneous.</b> The firm should be able to provide the following as applicable alongwith the equipment :-<br>(a) Cleaning kit, if any<br>(b) Users hand book & technical manual giving full description of the item.<br>(c) Literature on preservation technique as applicable.<br>(d) Suitable ruggedized carrying case | To be checked physically by the BOO.  |

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 Subasmita ITBD

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 (J. K. SHARMA, AC)  
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 BPR-4D  
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 Abhiram Pantaj,  
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 CDC SK Thakur  
 AR  
 (Capt S. Kapoor, NSG)  
 Try Centre NSG  
 Prabhakar  
 Harjinder Kumar  
 De SIM BSF

*[Signature]*  
 (A.K. Shukla DC (Ord))  
 (JAYARAJAN - F)  
 TC (SD) OPS NSG

APPROVED / NOT APPROVED  
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 (J.N. Choudhury)  
 DG, NSG