

No. IV-17018/3/07-Prov.I  
भारत सरकार / Government of India  
गृह मंत्रालय / Ministry of Home Affairs  
पु.आ.प्रभाग / P M Division  
संभरण-I डेस्क / Prov.I

26, Man Singh Road, Jaisalmer House  
New Delhi, Dated : 22 October, 2013

To,


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

**Subject : QRs and Trial Directives of Bomb Basket.**

The QRs and Trial Directives of Bomb Basket per Appendix 'A' and Appendix 'B' respectively have been accepted by the Competent Authority in MHA.

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

Yours faithfully,



(P K Srivastava)  
Under Secretary (Prov.I)  
Tel : 23381278

Encl : As above.

Copy forwarded to : SO (IT), MHA, with the requested to host the QRs (soft copy being sent through email) on the MHA website (under the page Organisational Set up-Police Modernisation Division - Qualitative Requirements)



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

Copy to : DDG(Procurement), P M Division, MHA.

Copy for information to : PPS to JS (PM)

# REVISION OF QRs: BOMB BASKET

Appendix - A

10/35

1. The explosive rating of Bomb Basket will be minimum 2 kg TNT equivalent for single use. (Certificate to the effect from a national/international accredited lab for each Bomb Basket will be provided by the OEM/Firm).
2. The weight of the Bomb Basket will be maximum 500 kgs.
3. The volume of the Bomb Basket will be minimum 80 liters.
4. The diameter of the opening of the Bomb Basket will be minimum 18 inches (1 ½ feet).
5. The height of the Bomb Basket will be minimum 24 inches (2 feet).
6. The Bomb Basket should direct the primary fragments surrounding the explosive upwards through the opening on top.
7. The Bomb Basket should prevent any horizontal displacement/movement of fragments.
8. The Bomb Basket should not be made of any material which may act as secondary fragments.
9. The Bomb Basket should not rupture in the event of the blast irrespective of position of the charge.
10. The Bomb Basket should have a cart/dolly for movement and should have tools to facilitate easy loading and unloading.
11. **Miscellaneous.** The firm will provide the following documents/ literature (in English language) along with the equipment :-

- (a) Technical Manual with full description of all the items.
- (b) User's Hand Book.
- (c) Literature on care and preservation technique/methods.
- (d) Specifications for packing, handling/transportation/storage.
- (e) Details regarding periodical checks to be carried out by the user for serviceability of the equipment.

SIIT MANISH RAJ, BSF A.K. Choudhary AC, CISF

S.K. Gantam ABCA

Gautam  
(Joint OGR (N)  
Director)  
Rajendra Rana, A.C  
S.S.B

Shiv Prasad Sati Ac/GD  
ITBP  
MAJ ABHISHEK SINGH  
SI SAG, NSG

JUGRAT SINGH  
DGA/Armed  
A.Mh  
(LT Col A. Balanathan  
OC BS unit)

Dea (Armed) NIS  
Ac (Armed)

Approved / Not approved

Sone  
4/1/11  
(Subhash Joshi)  
Director General, NSG

## TRIAL DIRECTIVES OF BOMB BASKET

| <u>Ser No</u> | <u>QR of Bomb Basket</u>  | <u>Trial Directives</u>   | <u>Remarks</u>   |
|---------------|---|---|--|
| 1.            | The explosive rating of Bomb Basket will be minimum 2 kg TNT equivalent for single use. (Certificate to the effect from a national/international accredited lab for each Bomb Basket will be provided by the OEM/Firm). | In addition to the certification, 2kg TNT equivalent charge will be placed and blasted inside the bomb basket.          | One Bomb Basket will be provided by the OEM/Firm for the test.                                   |
| 2.            | The weight of the Bomb Basket will be maximum 500 Kgs.  | To be checked physically by BOO.  |  |
| 3.            | The volume of the Bomb Basket will be minimum 80 liters.  | To be checked physically by BOO by filling the Bomb Basket with water.  |  |
| 4.            | The diameter of the opening of the Bomb Basket will be min 18 inches (1 ½ feet).  | To be checked physically by the BOO.  |  |
| 5.            | The height of the Bomb Basket will be min 24 inches (2 feet).   | To be checked physically by the BOO.  |  |
| 6.            | The Bomb Basket should direct primary fragments surrounding the explosive upwards through the opening on top.   | To be physically checked simultaneously with test at Serial No-1 above with 100 gms of different type of nails.         | Primary fragments should be directed upwards through the opening.                                |
| 7.            | The Bomb Basket should prevent any horizontal displacement / movement of fragments.   | To be physically checked simultaneously with test at Serial No-1 & 6 above.   | No evidence of perforation of the side walls of the Bomb Basket will be the acceptance criteria. |
| 8.            | The Bomb Basket should not be made of any material which may act as secondary fragments.  | To be physically checked while carrying out the blast. OEM certificate for compliance also reqd.                        | Secondary fragments of bomb basket material should not be formed.                                |
| 9.            | The Bomb Basket should not rupture in the event of the blast irrespective of position of the charge.  | To be physically checked simultaneously with test at Serial No-1,6 & 7 above. OEM certificate for compliance also reqd. |  |
| 10.           | The Bomb Basket should have a cart/dolly for movement and should have tools to facilitate easy loading and unloading.   | To be checked physically by the BOO.  |  |

Al. b. L. Z. W. ~~W~~

| Ser No | QR of Bomb Basket   | Trial Directives                     | Remarks |
|--------|---|--------------------------------------|---------|
| 11.    | <b>Miscellaneous.</b> The firm will provide the following documents/ literature (in English language) along with the equipment :- | -                                    |         |
| (a)    | Technical Manual with full description of all the item.   | To be checked physically by the BOO. |         |
| (b)    | User's Hand Book.   | -do-                                 |         |
| (c)    | Literature on care and preservation technique, as applicable.   | -do-                                 |         |
| (d)    | Specification for packing, handling / transportation / storage.   | -do-                                 |         |
| (e)    | Details regarding periodical checks to be carried out by the user for serviceability of the equipment                             | -do-                                 |         |

A.K. Shukla AC CSD

(GAC 1004 GUPMA)  
Joint Dir (SD)  
DLBSP

JUGRAJ SINGH  
DGOA/ Amro

SIT MANISH RAJ, BSP

Rajeev Kana, AC, SS B

SATISH Kumar Gantayat

Ge (Hr), NSG

Dr. (Hr) MSS

Shiv Prasad Sati AC.  
ITBP

MAJ ARVISHANK SINGH  
SGN CDR, SI SAG

Ch Col A Balakrishnan  
CC BD Unit.

Approved / Not approved

4/14/12

(Subhash Joshi)  
Director General, NSG