

No. IV-21011/4/2010-Prov-I  
Government of India  
Ministry of Home Affairs

26, Man Singh Road, Jaisalmer House,  
New Delhi, 11.3.2010

To

The DGs: Assam Rifles/BSF/CISF/CRPF/ITBP/NSG/SSB/BPR&D

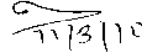
Subject: - QRs/Technical Specifications for the security related equipments -regarding

The QRs/Technical Specifications for the following security related equipments have been accepted and approved by the Competent Authority in MHA:-

- (i) Combat/Military Free Fall Parachute System
- (ii) Digital Target System Under Ground Virtual Shooting Range(UVSR)
- (iii) Rope Ladder with Through Line
- (iv) Tactical Vest
- (v) Digital Camera(General Purpose)
- (vi) Eye Ball Video
- (vii) ~~AD2V/Digital Night Vision Goggle/Device (Basic Version)~~
- (viii) ~~AD2V/Digital Night Vision Goggle/Device (Full Version)~~
- (ix) ~~Holographic Reflex Sight/Reflex Sight with trail Directives~~
- (x) All Purpose/High Intensity Protected Vehicle/Special Purpose Vehicle

2. The trial directives for the 5.56mm Cabine has also been approved by the Competent Authority in MHA

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



(R.S.Sharma)  
Director (Prov)

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DD(Procurement),MHA

Copy for information to:-

PS to JS(PM),MHA

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## QRs OF TACTICAL VEST

### Introduction.

1. The individual Harness Jacket that is to be designed for the National Security Guard should have a flexible and modular design to carry weapons, ammunition and equipment on to the operational area. The requirement of weapons, ammunition and equipment to be carried on person, keeps changing alongwith the various situation, the role/task/specialization of each individual preferences. Hence a design that can adapt, perform and carry loads effectively, specific to each situation, and which does not impede movement is crucial. The design which should be development, to help the individual soldier the freedom of configuring his load to meet option operational comfort levels.

### 2. Essential Features.

- (a) Modular Approach.
- (a) Ergonomic design to carry weight with comfort.
- (b) Heavy duty design.
- (c) Simple system to ensure smooth operation.
- (d) Pouches can be customized, changed or added as needed.
- (e) Black in colour incl certain qty required in camouflage color also.
- (f) Be capable of being worn over all existing bullet Proof Jacket and body armour.

### Description.

#### 3. Fabric.

- (a) The Tactical vest should be made from 1000 D cordura PU x 2, WR (Black) as the main fabric.
- (b) It should have EVA padding.

4. Tapes Nylon custom woven tapes (nylon six HT spun yarn) 15 mm, 20 mm, 30mm wide 40 mm and 50 mm.

5. Thread TKT-40 Bonded nylon.

6. Buckles Heavy duty Delrina Buckle.

7. Zippers YKK Zipper size 8 to 10.

8. Weight It should be of Light weight.

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9. **Locking Modular System.** This is patented system, which forms the basis of the modular system. Each Pouch has two vertical tapes which are doubled and reinforced with flexible fibre sheet, two heavy duty button at the ends. The vertical tapes slip in through the vest first at whatever location the user wants it to be in, then slip in through one buttons are snapped shut. The modulas are as follows :-

- (a) Tactical 'H' Harness - One
- (b) 5 Litre combat pack with Velcro NSG reflector Insignia - One
- (c) Triple magazine pouch MP-5 - One
- (d) Triple magazine pouch Glock-Pistol - One
- (e) Single magazine pouch Glock-Pistol - One
- (f) Stun Grenade(CS) pouches - Two
- (g) Gas mask Canister pouch - One
- (h) HE Grenade pouches - Two
- (j) Universal radio pouch - One
- (k) Multi purpose pouch - One
- (l) Utility glove pocket slithering, with NSG reflector insignia - One
- (m) Friction Fit Pistol Drop - One
- (n) Small tapes with buttons for Carabinar - Two
- (o) Pouch for Commando Dagger - One
- (p) Compass Pouch - One
- (q) Miniflare and ammunition pouch - One
- (r) Map sheet folded & GPS pouch - One
- (s) Maglite Torch Pouch - One

10. **Tactical 'H' Harness.**

- (a) The main vest should be in the form of an 'H' harness should be made with the fabric 1.5"-2" webbing with adjustable SR Buckles.
- (b) Extra Webbing should be looped back and held by clasticized bands.

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- (c) The back of the waist belt should have tapes running across the belt horizontally at regular intervals and should be bar tacked at regular intervals.
- (d) The intervals of tape and bar tacking should be accorded precision for the modular concept to work.
- (e) The vest should lock on to the waist belt.
- (f) The vest should additionally connect to the waist belt using two ladder lock buckles and tapes.
- (g) This system should be of universal size (one size fits all).
- (h) Extra tap should be stored under elasticized bands.
- (j) There should be a bar tacked tape system deployed in the front of the vest to provide for all types of modular components that has been designed for this vest.
- (k) The vest should have two SR 25 mm buckles for closure at the sternum with a size 8 YKK Vision zipper running from top to bottom in front.
- (l) On the rear panel there should be bar tacked tapes running horizontally to match the vest.

11. **SPECIFICATION OF TACTICAL VEST.**

(a) **MP-5Mag Pouch x 2 Pouches.**

- (i) Length - 16.5 cm  
(ii) Width - 4.0 cm  
(iii) Height - 3.0 cm

(b) **Pistol Mag Pouch x 1 Pouches.**

- (i) Length - 11.0 cm  
(ii) Width - 4.0 cm  
(iii) Height - 3.0 cm

(c) **Stun Grenade Pouches x Quantity.**

- (i) Length - 14.0 cm  
(ii) Width - 9.0 cm  
(iii) Height - 4.0 cm

(d) **Water Bottle Pouch x 01 Quantity.**

- (i) Length - 15.0 cm  
(ii) Width - 15.0 cm  
(iii) Height - 6.0 cm

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- A large signature at the top left.  
- "Removal" written in the center, with "29/02" below it.  
- "2/12" written below "Removal".  
- "21/12" written below "2/12".  
- A signature on the right side.  
- A signature at the bottom right.

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(e) **Gas Face Canister Mask Pouch x 1 Quantity.**

- (i) Length - 10.5 cm
- (ii) Width - 7.5 cm
- (iii) Height - 3.0 cm

(f) **CS Grenade Pouch x 01 Quantity.**

- (i) Length - 15.0 cm
- (ii) Width - 8.5 cm
- (iii) Height - 4.5 cm

(g) **No. 36 Hand Grenade Pouch X 02 Quantity.**

- (i) Length - 9.0 cm
- (ii) Width - 7.5 cm
- (iii) Height - 6.0 cm

(h) **Small tapes with buttons for carebinear x 02 Quantity.**

- (i) Length - 4.5 cm
- (ii) Width - 8.0 cm

(i) **Pouch for cdo Dagger.**

- (i) Length - 29.0 cm
- (ii) Width - 3.0 cm
- (iii) Height - 1.3 cm

(k) **Miniflare & Amn Pouch x 02 Quantity.**

- (i) Length - 15.5 cm
- (ii) Width - 2.0 cm
- (iii) Height - 3.0 cm

(l) **Compass Pouch x 01 Quantity.**

- (i) Length - 9.0 cm
- (ii) Width - 8.0 cm
- (iii) Height - 6.0 cm

(m) **Radio Set Pouch x 01 Quantity.**

- (i) Length - 11.0 cm
- (ii) Width - 6.0 cm
- (iii) Height - 5.0 cm

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(n) **Pistol Hoister Pouch x 01 Quantity.**

- (i) Length - 19.5 cm
- (ii) Width - 8.0 cm x 5 cm (Centre and Bottom)
- (iii) Height - 6.0 cm

(o) **5 Litre Combat pack x 01 Quantity.**

- (i) Length - 19.5 cm
- (ii) Width - 12.0 cm
- (iii) Height - 7.0 cm

(p) **Triple Magazine pouch SIG 5.56MM x 02 Quantity.**

- (i) Length - 18.5 cm
- (ii) Width - 6.5 cm
- (iii) Height - 4.0 cm

(q) **Multi Purpose Pouch x 01 Quantity.**

- (i) Length - 16.0 cm
- (ii) Width - 8.0 cm
- (iii) Height - 10.0 cm

(r) **Utility Glove pocket Slithering x 01 Quantity.**

- (i) Length - 28.2 cm
- (ii) Width - 14.0 cm
- (iii) Height - 5.3 cm

(s) **Map Sheet folded & GPS Pouch x 01.**

- (i) Length - 25.0 cm
- (ii) Width - 25.0 cm
- (iii) Height - 4.0 cm

(t) **Maglite Torch Pouch.**

- (i) Length - 26.0 cm
- (ii) Width - 5.5 cm
- (iii) Height - 5.5 cm

*Handwritten notes and signatures:*  
Kamal Kumar  
Handwritten initials and marks, including a signature on the right and some scribbles at the bottom.

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- 12. The tactical vest should be made available in two color :-
  - (a) Black.
  - (b) Camouflage pattern.
- 13. Exact qty of each can be ascertained by BOO.

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**Approved/Not approved**

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**(NPS Aulakh) 26/12/10**  
Director General, NSG

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26/12/10