

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) Water Combi Filter for outdoor use by Commandos
- (ii) Body Worn Video Cameras System/Wireless Body Worn Video System
- (iii) Flexible Fibre Scope/Fibre Optic Scope
- (iv) Hydraulic/Pneumatic Door Breaker
- (v) Laser Range Finder
- (vi) Digital Power Lectern
- (vii) Non Skid Tactical shoe/Combat Shoe

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

11/3/10
(R.S.Sharma)
Director (Prov)

Copy to:-

DD(Procurement),MHA

Copy for information to:-

PS to JS(PM),MHA

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QRs FOR LASER RANGE FINDER

PHYSICAL CHARACTERISTICS

- 1. The instrument should be compact, handheld, easy to carry and operate.
- 2. It should be light weight not more than 2 Kg with battery.
- 3. It should be provided with adjustable tripod.

TECHNICAL CHARACTERISTICS

- 4. Range – Minimum 80 metre to 20000 metre or more.
- 5. Accuracy - \pm 5 metres.
- 6. Measuring frequency –
 - (a) Normal – 1 shot every 6 seconds.
 - (b) Best – Maximum 3 measurements within 6 seconds.
- 7. Multiple targets – Displays first and last target.
- 8. Discrimination- 50 metres.
- 9. False alarm – Not more than 1 % .
- 10. Laser pulse – Should be class I eye safe, ocular hazard distance of Zero metre.

OPTICAL CHARACTERISTICS

- 11. Observation – Binocular.
- 12. Field of view – Minimum 6 degrees.
- 13. Magnification – Minimum 6 X.
- 14. Diopter adjustment – Minus 4 to plus 2 diopter. Should have inter pupillary adjustment provision operative with knob/drum while viewing.
- 15. Provision for display of inputs.
- 16. Reticule - Centre circle with Horizontal and vertical scale.

POWER SUPPLY

- 17. Battery – Rechargeable battery inside cover of main equipment. One spare battery will also be provided with each equipment.
- 18. External power source – Battery and external power supply -- 220 V , 50 Hz AC.
- 19. Battery charger operable on AC/DC to be provided.
- 20. Operating temperature – Minus 20 to plus 55 Centigrade.
- 21. Mil Specs - Should meet military specification 810 D or higher/JSS-55555-(certificate to be provided by firm).

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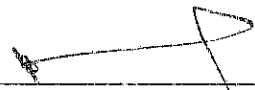
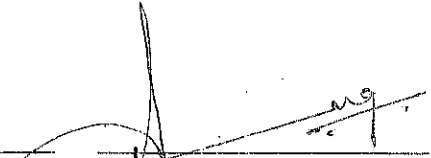
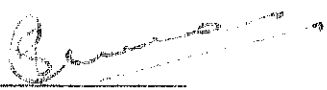

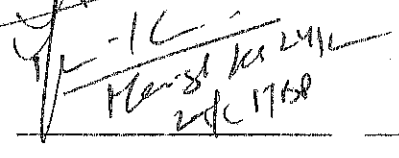
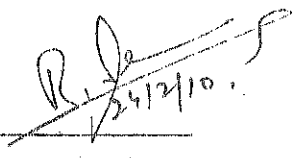
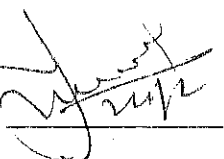
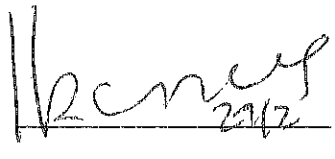
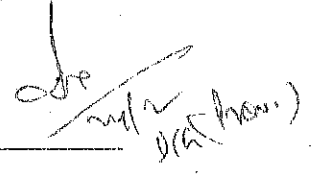
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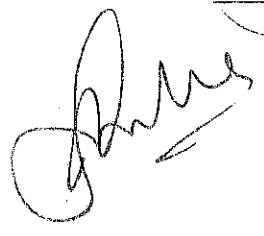
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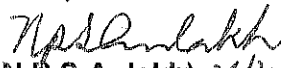
MISC

- 22. Vendor to provide user's manual and technical/maintenance manual.
- 23. Vendor to provide in situ training for operation, repair and maintenance at user's site.

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Approved/Not approved


 (N.P.S Aulakh) 26/2
 Director General, NSG