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 CPMEs should procure the above items required by them strictly as per the laid down Technical Specifications/QRs.

(R.S. Sharma)
Director (Prov)

Copy to:-

DD(Procurement), MHA

Copy for information to:-

PS to JS(PM), MHA
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 - ± 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.
9. False alarm – Not more than 1 %.
10. Laser pulse – Should be class 1 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 interpupillary 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).
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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[Signatures and dates]

Approved/Not-approved

[N.P.S Aulakh]

Director General, NSG