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No.IV-17017/13/06-Prov.I  
Ministry of Home Affairs  
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New Delhi , Dated 09.05.2006

To

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

Subject: Finalization of QRs/Specifications for Weaponry/Security Equipments

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The Sub-Group constituted by MHA vide Office Memorandum No. IV.17017/18/2001-Prov.I dated 5-7-2002 for laying down QRs/specifications of various items/equipments has since submitted QRs in respect of the following items:-

- (a) DIGITAL SLR CAMERA
- (b) VIDEO CAMERA RECORDER WITH ZOOM

2. These recommendations have been accepted by MHA. The QRs finalized by the Sub-Group and accepted by MHA in respect of the above equipments are enclosed herewith.

3. Henceforth, all the CPMFs should procure the above items required by them to meet their operational needs strictly as per the laid down QRs/specifications.

Yours faithfully,

(Handwritten signature)

(Alok Mukhopadhyay )  
Under Secretary(Prov.I)

DD (M)  
10/5  
16/5

490 MHA

Copy to : DD(Procurement), MHA

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- 1. PS to JS(PM), MHA
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**ORs : VIDEO CAMERA RECORDER WITH ZOOM**

1. High sensitive, digital, colour portable video camera which can be used for professional as well as surveillance applications.

2. Image sensor - Advanced HAD CCD or equivalent with 1 mega pixel or better resolution
3. Zoom rate - 12 x optical zoom, 48 x Digital Zoom
4. Shutter speed - ¼ to 1/10,000 seconds
5. LCD monitor - Min 2.5"
6. Video storage - Mini DV
7. Wide screen recording - 16: 9 wide screen recorder.
8. Sensitivity - min 2 Lux.
9. Audio - PCM Digital stereo.
10. Op Environment - 0<sup>0</sup> C to + 40<sup>0</sup> C
11. Weight - 1.5 Kg or less
12. Interface - IEEE 1394 or equivalent
13. Software compatibility - Windows 2000 & XP compatible.
14. It should have the following addl features.
  - (a) Built-in-microphone.
  - (b) Night shot light

15. Each camera should include following accessories:-

- (a) Rechargeable bty - 5 per camera
- (b) Bty Charger - 2 per camera
- (c) AC adaptor - 1
- (e) AV cable - 1
- (f) Remote control - 1
- (g) Mini DV tape 60 minutes - 5 per camera.
- (h) Carrying Case - A carrying case which can accommodate the camera along with accessories.
- (j) Tripod - A light weight adjustable tripod from 26" to 64" or better. It should be Super Husky technology or equivalent with separate carrying case.

16. Vendor should specify and cater for any additional accessory which are essential for optimal utilization of the video camera..

17. Miscellaneous aspects

- (a) **Literature.** Operating and Technical literature for each discrete component of system, in English language.
- (b). **Demonstration and Training.** Demonstration of the complete system with adequate qty of equipment to be given in Delhi on no cost no commitment basis during evaluation. In situ training of users for one week on operation, maintenance, fault finding and user level repairs.
- (c) **Repair Cover.** Repair cover to be made available ex Delhi. Down time should not exceed 5 days from the time of reporting.
- (d). **Warranty.** Comprehensive warranty for 1 years.