

No.IV-17017/48/02-Prov.I
Ministry of Home Affairs
Prov.I

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New Delhi the 6TH Oct.,2004

To

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

Subject: Finalization of QRs/Specifications Communication and other Security Equipments.

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

- (i) Fax Encrypter
- (ii) Frequency hopping HF/VHF sets
- (iii) Digital hand held mobile/static VHF/UHF Radio
- (iv) Wideband surveillance receiver (VHF/UHF Analog)
- (v) Wideband surveillance receiver (HF Analog)
- (vi) Wideband surveillance receiver (HF/VHF/UIIF Analog and digital)
- (vii) Light Vehicle based Direction finder ✓
- (viii) Portable Direction finder ✓
- (ix) Discone, Parabolic Dish Antenna
- (x) High altitude Parachute Penetration System(HAPPS)
- (xi) Bomb Data Centre Equipment
 - i. IED Response Vehicle
 - ii. Explosive Test Kit
 - iii. PBI Kit
- (xii) ✓ Telescopic Manipulator
- (xiii) ✓ Waterman ship Equipment
- (xiv) ✓ Deep search Mine/Metal Detector.
- (xv) ✓ Digital HF Transceiver
- (xvi) ✓ Satellite Phone (Hand Held)

2. These recommendations have been accepted by MHA. The QRs finalized by the Sub-Group and accepted by MHA in respect of the 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,


(Alok Mukhopadhyay)
Under Secretary(Prov.I)



QRs - BOMB DATA CENTRE EQUIPMENT

QRs : IED RESPONSE VEHICLE

Physical Requirement

1. Should have 3 x working tables of size 120 x 60 cm for lab test/spot test. The tables should have stainless steel top.
2. Should have 6 x Cabins/cup-board of size 60 x 30 x 30 cm for keeping all PBI equipments.
3. Should have provision of Fire Extinguisher 5 Ltrs Foam type.
4. Provision of revolving red light and siren fitted on the vehicle top.
5. Should have 3 x Fans and 3 x small tube lights fitted near the 3 working tables.
6. Provision of Air Conditioning for the complete vehicle, including drivers cabin.
7. Should have RV style awning.
8. Should have 4 x exterior storage compartments of size 120 x 60 x 60 cm.
9. Should have 8 revolving, immovable, cushioned chairs for the PBI team members to sit inside the cabin.
10. Should have one foldable observation roof deck with one chair, overhead cover of fiber and a working table of size 150 x 60 cm with stainless steel/sunmica top.

Technical Requirements

11. Should have 5 KVA Gen Set for power supply.
12. Should have facility of 6 x 220V x 5 Amp and 4 x 220V x 15 Amp power plugs for charging of equipment.
13. Should have 4 Telescopic floodlights of 200 Watts each.

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Additional Features.

- 14. The veh should be under warranty for a period of one year or 5000 Kms whichever is earlier.
- 15. Should provide atleast three free services.
- 16. Should be preferably four wheeled drive vehicle.
- 17. Spare parts for the modification for a period of minimum three years should be provided.
- 18. The Gen Set should have following QRs :-
 - (a) Should be of 5 KVA capacity.
 - (b) Should run on engine of the vehicle itself.
 - (c) The vehicle engine should not be affected adversely by generator running.
 - (d) Should be able to run continuously for 12 hrs.
 - (e) Minimum maintenance should be required.

Justification

- 19. A Mobile Platform for carrying out PBI is a long standing requirement. This platform can move to the place of incident at the earliest, with all the facilities and the latest equipment for faster PBI by doing on the spot testing/analysis of debris and fragments.
- 20. The operating efficiency of PBI teams will be enhanced tremendously.
- 21. The vehicle can be moved to nearby places within a very short time.
- 22. This vehicle will also be useful for BD trainees as a training aid.

Preference

Sawraj Mazda based vehicle. /x

Mazda - 100
110

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