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No. IV-21011/5/2010-Prov-I
Government of India
Ministry of Home Affairs

26, Man Singh Road, Jaisalmer House,
New Delhi, 9.6.2010

To

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

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

Sir,

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

- (i) Half Body Suit
- (ii) MMG 7.62mm Multi Barrel

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

Yours faithfully,

Suraj Bhan
(Suraj Bhan)

Deputy Secretary to the Govt. of India

Encls: 4 sheets

Copy to:-

DD(Procurement),MHA

Copy for information to:-

PS to JS(PM),MHA

Suraj Bhan
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QRs OF MMG 7.62MM MULTI-BARREL

Physical Characteristics.

1. Caliber - 7.62mm (compatible with indigenous ammunition)
2. Effective Range - Minimum 1000m
3. Feed System - Belt fed.
4. Ammunition Box - Should be provided in variants of various capacities.
5. Rate of fire - Minimum 3000 rpm.
6. No of Barrels - Six barrels (Titanium).
7. Mode of operation - Electrically operated.
8. Muzzle velocity - Minimum 700 m/s.
9. Mount - Tripod with capability of mounting on vehicle & helicopters.
10. Safety - Mechanical & applied safety.
11. Sighting System - Should have compatible and integrated day minimum 1x) and Night (minimum 6 x) Sights, besides provision for open day sights.
12. Barrel Life - Minimum 10,00,000 rounds (certificate to be provided by the manufacturer).
13. Total System weight - Maximum 25 Kg.(less ammunition, battery & mount)

Misc Characteristics

14. Operation - Should not be adversely affected by temperature variation from - 30 degrees centigrade to +55 degree centigrade.
15. Reliability - (a) MTBF - 5,00,000 rds, system life minimum 5,00,000 rounds and Gun life minimum 1,500,000 rounds
(b) Mean rounds between two successive stoppages 30,000 rounds.

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R. (middle left)
V. (bottom left)
K. (bottom left)
D. (middle left)
K. (large signature, middle right)
J. (signature, bottom right)
S. (signature, bottom right)

Maintenance

- Manufacturer to provide the following with each weapon:-

- (a) Cleaning Kit.
- (b) Test Equipment including SPTA (Spare parts tools & accessories).
- (c) MRLS (Manufacturers recommended list of spares).
- (d) Training Aids -- as applicable to be provided.
- (e) General assembling drawings and technical manual indicating full description of parts/assemblies.
- (f) Literature on usage, repair & preservation.
- (g) Specifications of packing, handling, transportation & storage.
- (h) Training on usage & repair.

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Approved/Not approved

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NPS Aulakh
(NPS Aulakh) 03/5/10
Director General, NSG