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Government of India  
Ministry of Home Affairs

26, Man Singh Road, Jaisalmer House,  
New Delhi, 14.1.2009

To

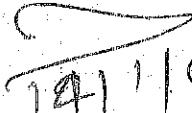
The DsG: Assam Rifles/BSF/CISF/CRPF/ITBP/NSG/SSB/BPR&D

Subject: - Technical Specifications/QRs.

The Technical Specifications/QRs of the following security equipments has been accepted and approved by the Competent Authority in MHA.

- (a) Composite Indoor Shooting Range Target System
- (b) Para Glider Motor Equipment
- (c) Bomb Truck/Explosive Containment Vessel on trailer
- (d) Hand Held Metal Detector

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

  
14/1/09  
(R.S.Sharma)  
Director (Prov)

Copy to:-


DD(Procurement),MHA

Copy for information to:-

PS to JS(PM),MHA

**(C)REVISED TECHNICAL SPECIFICATIONS/ORS OF BOMB TRUCK/EXPLOSIVE CONTAINMENT VESSEL ON TRAILER**

|                      |  |
|----------------------|--|
| 1                    | Should be capable of containing blast of minimum 8 Kg of High Explosive (TNT) or equivalent quantity of explosives.  |
| 2                    | Body should be made of High Grade steel.   |
| 3                    | The weight of complete system including vessel/container (excluding trailer) should not exceed 5000 Kgs.   |
| 4                    | The door access/dia, if circular, should be $40^{\circ} \pm 20^{\circ}$ .  |
| 5                    | The container should be reusable in the sense that it with stands repeated detonations with full capacity explosive.   |
| 6                    | Certified test report from the internationally recognized lab showing proof test with full capacity explosive should be submitted by the firm.                         |
| 7                    | There should be an arrangement for stress measurement after the blast, if applicable.  |
| 8                    | Should be provided with aluminum finish polish/anti corrosive coating.   |
| 9                    | Capable of remotely operating the opening and closing remotely (either by wireless remote control or convenient interface with standard EOD robot).                    |
| 10                   | Should have remote mobility platform that can move the containment vessel off the trailer and closer to the threat (i.e. track-style or mobile car platform).          |
| 11                   | Configure unit to allow future upgrade of vessel to sealed capacity that can accommodate a device with chemical or biological hazard while the unit remains in country |
| 12                   | The sampling system must incorporate operation under vaccum such that a liquid or vapour sample can be taken of the vessel atmosphere without external contamination.  |
| 13                   | A radio frequency shield should be provided to stop or prevent the operation of all the radio controlled IED.  |
| <b>Trailer</b>       |  |
| 14                   | Length should be 15 ft $\pm$ 10%.  |
| 15                   | Over all width should not exceed 10 ft.  |
| 16                   | Ground clearance should be more than 1 ft.   |
| 17                   | The weight of trailer alone should not exceed 2000 kgs.  |
| 18                   | It should be 4 wheeled with reliable suspension system to negotiate rough terrain.   |
| 19                   | Should have heavy duty tyres.  |
| 20                   | Brakes - Should have an effective braking system.  |
| <b>Miscellaneous</b> |  |
| 21                   | System should have an on board power back up for operating in emergency.   |
| 22                   | System should have manual backup system for operating in an emergency.   |
| 23                   | The trailer mounted container/vessel should be twoable by range of medium vehicles available in India  |
| 24                   | The equipment should be provided with :-   |
| a                    | Cleaning kit.  |
| b                    | Special maintenance tools/special testing equipment, as applicable.  |
| c                    | MRLS (manufacturers recommended list of spares), if any.   |
| d                    | Tech documentation as applicable.  |
| e                    | Physical training in India.  |
| f                    | Illustrated spare parts lists (ISPL), if any.  |
| g                    | Tech specification of equipment including inspection criteria.   |
| h                    | Proof schedule to include details of testing and acceptance criteria.  |
| i                    | Tech manual giving full description of the equipment.  |
| j                    | User hand book.  |
| k                    | Literature on maintenance.   |
| l                    | Specifications for packing, handling/transportation/storage.   |
| m                    | Details regarding periodical inspection by the user.   |
| n                    | The firm should confirm in situ inspection of the system after the full capacity blast.  |

  
14/11/19