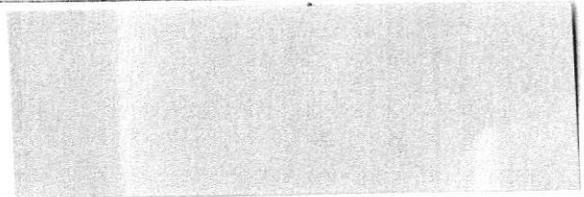
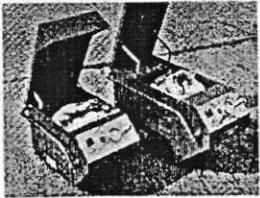
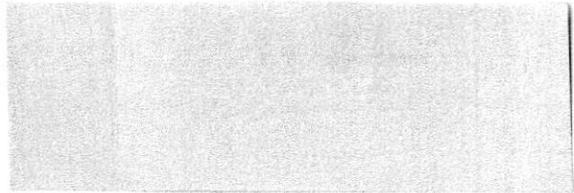


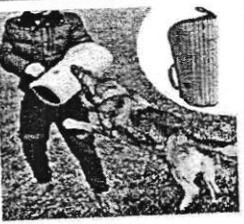
QRs/TDs OF K9 EQUIPMENTS: MOD PLAN - III

Ser No	Name of Equipment	Qualitative Requirements	Trial Directives	Representative Photo
1.	Non-Hazardous Explosive Training Aid Kit (comprising 14 aids each)	1. Non-Hazardous Explosive Training Aid Kit should possess following: (a) Research-Grade Scent kit for Biological Detection Scientifically formulated with full parent odour spectrum. (b) Non-Explosive (c) Non-Hazardous- Consistent Long lasting Odor (d) Non-Spillable (e) Non-illicit (f) Scent Reference Standard K9 Imprint Aid protective outer bag (g) Magnetised above and below ground stash pipes (h) Scentable towels (i) Scent/Vapour barrier bags (j) Waterproof and crushproof rollable container	1. To be checked physically by BOO as per specifications.	
2.	K9 camera System	Specifications for K9 Camera System are already available on MHA website and a print out of the same is attached as Annx I.	1. All the functions as mentioned in specifications to be checked physically by BOO. 2. A demonstration will be conducted with its use on K9 to test functionality and operability of the equipment by OEM. 3. Check the national/international accredited lab test report for resolution, sensitivity and field of view if required.	



Ser No	Name of Equipment	Qualitative Requirements	Trial Directives	Representative Photo
3.	Remote Air Sampling for Canine Olfaction for ED K9s	<p>1. Remote Air Sampling for Canine Olfaction (RASCO) is an enhanced technique entails the screening of drawn scent samples from sealed or enclosed environments such as containers, vehicles, packing cases etc.</p> <p>2. RASCO should possess following capabilities:</p> <ul style="list-style-type: none"> (a) 12V DC sampling vacuum pump (b) Special filters designed to absorb maximum scent for preselected specific explosives. (c) Filter should have efficiency to store scent upto 06 months for screening later if required. (d) System should have high throughput. Hourly throughput is >40 filters for 2 dogs, and annual throughput is estimated at 750,000 metric tons for 8 dogs if truck screening is conducted. (e) Non-intrusive. No need to open the pallet/container/truck. (f) Should be mobile to be it more effective. 	<p>1. All the functions as mentioned in specifications to be checked physically by BOO.</p> <p>2. A demonstration will be conducted with its use on K9 to test functionality and operability of the equipment by OEM.</p> <p>3. Check the national/international accredited lab test report for verification if required.</p>	
4.	K9 Bite suits for training assault K9s	<p>1. Bite suite should possess following:</p> <ul style="list-style-type: none"> (a) Outer Material: Nylcot, Nylon + Cotton (b) Padding: Polypropylene Fiber (c) Lining: Polyester (d) Buckles: Metal and Plastic (e) Fastenings: Velcro <p>2. Full Protection Bite Suit with outer French linen fabric, strong and flexible to train assault dog in real world working environment.</p> <p>3. Warranty : For 01-03 yrs</p>	<p>1. To be checked physically by BOO as per specifications.</p> <p>2. A demonstration will be organised for checking durability and strength of material used in bite suite.</p>	



Ser No	Name of Equipment	Qualitative Requirements	Trial Directives	Representative Photo
5.	K9 Bite sleeves for training assault K9s.	<ol style="list-style-type: none"> 1. Bite sleeve with replaceable outer cover made up of jute. 2. Built-in hard plastic on the inside of jute cover. 3. A handle on the back of the arm to help tug against the dog. 4. The inside is lined with a comfortable cotton fabric and the handle has a soft, foam covering. 5. Features four adjustable Velcro straps on the outside and padding on the inside. 6. A Soft and durable bite sleeve with a great bite surface. 7. Warranty : For 01-03 yrs. 	<ol style="list-style-type: none"> 1. To be checked physically by BOO as per specifications. 2. A demonstration will be conducted to test durability and strength of material used in bite sleeve. 	
6.	K9 Behaviour Shaping Devices (BSD)	<ol style="list-style-type: none"> 1. Device kit should include the device, battery charger, push tube, two remote hand held transmitters. Trains passive alert quickly and accurately by allowing trainer instant timing of active reward direct from target odour source. 2. Device consists of following major components: <ol style="list-style-type: none"> (a) Main trigger solenoid (b) Internal receiver (c) Barrel housing (c) Rear housing Launcher (d) Piston spring pack assembly and trigger assembly. 3. Delivers/ejects a variety of rewards (i.e. tugs, rubber/tennis balls, towels). 4. Fits in standard 12 inch boxes. 5. Battery charger should be automatic to prevent overcharge with indication of Red LED light on charging Green LED on charged. 6. Once charged, should be activated 50 to 70 times. 7. Device should come with adapter plate for odour presentation directly above and around reward item. 8. Device kit should contain 04 High Density Polyethylene (HDPE) box, Four training containers (one designated as the scent box and the other three as distraction boxes), Four box adapters, Three PVC tubes with set rings. 	<ol style="list-style-type: none"> 1. All the components and contents of the equipment to be checked physically by BOO as per specifications. 2. A demonstration will be organised by OEM to understand working of devices used in the equipment. 	