

I. TECHNICAL SPECIFICATION : PASSIVE NIGHT VISION BINOCULAR ALONGWITH LASER ILLUMINATORS

1. Light weight preferably not more than 2 Kg. Water-resistant.
2. Preferably generation III/Super Gen or better (Best available in the Market).
3. Should be able to detect human target at 600 M and veh at 1200 M.
4. Recognition of human tgt at 450 M (Min).
5. Power source should be 2 x 1.5 V AA batteries.
6. The magnification of the binocular should be four times.
7. Field of view – 40 degrees.
8. Should preferably have a laser range finder and laser illuminator.
9. Image resolution more than 55 lp/mm.
10. Operating temp – 15° C to + 50° C.
11. Range finder capable to measure 1500 meter with + 5m error.

II. TECHNICAL SPECIFICATION : PASSIVE NIGHT VISION GOGGLES

1. The weight of the goggles should not exceed 700 gms.
2. The goggles should be fitted with the Super generation/Gen III image intensification tube or better (best available in the market).
3. The goggles should have a high gain control.
4. Power source should be 2 x 1.5V AA bty.
5. The field of view provided should be 40° or more.
6. Two different types of mounts should be provided for fitting the goggles; one mount should be for fitting the goggles while putting on helmet whereas the other mount should for fitting the goggles while helmet is not being worn.
7. The goggles should have auto focus capability from 5 meters to infinity.