

No. IV-21011/01/2013-Prov.I
Government of India/भारत सरकार
Ministry of Home Affairs/गृह मंत्रालय
Police Modernization Division/पुलिस आधुनिकीकरण प्रभाग
Prov.I Desk/संभरण-I डेस्क

26, Mansingh Road, Jaisalmer House,
New Delhi, the 15th May, 2013

To,


DsG : AR/BSF/CISF/CRPF/ITBP/NSG/SSB & BPR&D

Subject : QRs/Specification of Engineer Tool Kit.

The QRs/Specification of Engineer Tool Kit as per annexure have been approved by the Competent authority in MHA.

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

Yours faithfully,


(Smt. S B Nanda)


Under Secretary to the Govt. of India

Encl : As above (Four Pages).

Copy to :

1. SO, IT Cell, MHA – with the request to host the QRs/Specification of Engineer Tool Kit on the official website of MHA (under the page of organisational set up, Police Modernisation Division) and confirm to this Division. Softcopy is being sent through email also.
2. Director(Procurement), MHA

Copy for information to PS to JS(PM).


(R K Soni)
Section Officer(Prov.I)

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QRs FOR ENGR TOOL KIT

1. **Screw Driver.** It should have
 - (a) A soft grip handle.
 - (b) An overall length 6.3" – 7".
 - (c) Shaft length between 3" – 5".
 - (d) Handle length between 3"- 4".
 - (e) Hardened and tempered removable precision tips for mechanical use of cut type, pin type, star type, square type of 5mm size .

2. **Spanner Adjustable.** It should be
 - (a) A ratchet adjustable wrench.
 - (b) Full length 255mm-300mm.
 - (c) Opening capacity 39mm – 45mm.
 - (d) Heat treated.

3. **Cutting Plier.** It should be
 - (a) Made of carbon steel/chrome vanadium steel.
 - (b) Size 6" (150mm) to 8" (200mm).
 - (c) Polished and chrome plated
 - (d) Insulation sleeve.
 - (e) Duly hardened comfortable grip for handling.

4. **Mini Hack Saw.**
 - (a) The frame should be rigid Zinc plated steel and ergonomic plastic grip styled handle.
 - (b) The replacing and tensioning of blade can be done through adjustment of the nut incorporated in the handle.
 - (c) It should have 32 TPI low alloyed blades.
 - (d) Length of blade should be between 250mm – 300mm and two Spare blades should be provided.

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5. **Bolt Cutter.**

- (a) The overall length of the bolt cutter should be between 10" – 12".
- (b) The bolt cutter should be center cut.
- (c) The Jaw should be made of alloy hardened, comfortable grip for proper handling.

6. **Insulation Tape.**

- (a) It should be pressure- sensitive tape made of vinyl.
- (b) It should give long lasting insulation.
- (c) It should be self adhesive and PVC electrical insulation tape.
- (d) Its dimensions should be
 - (i) Length - Min 8 mtrs.
 - (b) Width - 1.5 cms to 2 cms.

7. **Hammer Portable.**

- (a) It should be polished or chrome plated with tubular shaft.
- (b) It should be deep forged from carbon steel.
- (c) The weight of the hammer should be between 500gms -600gms.
- (d) It should have duly hardened comfortable grip for proper handling.
- (e) Its total length including head 10" – 12".

8. **Measuring Tape 3 Meters.**

- (a) It should be retractable measuring tape, capable of measuring upto 3 meters.
- (b) It should have metal belt clip.
- (c) It should have marking including meters, centimeters and millimeters.

9. **Glass Cutter.**

- (a) It should have copper handle.
- (b) It should have wide and high grade black iron head.
- (c) The cutting thickness should be between 3mm – 10mm.

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10. Drilling Machine.

- (a) It should have 3-5 variable speeds.
- (b) It should have drilling dia between 80mm -100mm.
- (c) It should be portable and be able to drill wood, masonry and iron material.
- (d) Its specifications are 220-250V, 50/60Hz, 2.3A, 500W.
- (e) It should have on/off press control at the handle of the machine.
- (f) It should have drill bits of following 12 various sizes.
 - (i) 6.5 inch, 6 inch long with 7mm dia
 - (i) 5.5 inch, 5 inch long with 6mm dia
 - (i) 4.5 inch, 4 inch long with 5mm dia
 - (i) 3.5 inch, 3 inch long with 4mm dia
 - (i) 2.5 inch, 2 inch long with 3mm dia
 - (i) 1.5 inch, 1 inch long with 2mm dia

11. Wire Cutter. It should have

- (a) Vinyl handles for comfort.
- (b) Length 10"-12".
- (c) The distance between two handles 7"-9".
- (d) Center cut blades to cut mild steel up to 7".
- (e) Clip to hold the both handles together when not in use.

12. Tin Cutter.

- (a) It should have copper handle.
- (b) It should have high grade black iron wide head.
- (c) Its cutting thickness should be between 3mm -10mm.

13. Wire Stripper.

- (a) It should have strip and cut insulation on copper wire ranging from 0.5mm to 2.5mm or 6mm diameter.
- (b) It should have comfortable vinyl grips and stripping capacity between 0.5mm to 6mm.

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14. Bty 12V.

- (a) It should be maintenance free.
- (b) Specifications: 12v , 10 Ah.

15. Multimeter.

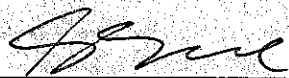
- (a) It should have pocket held DMM with Bar graph and analog bar graph.
- (b) It should have 3200 – 3500 count display.
- (c) It should have auto power off, range hold and data hold.
- (d) It should read DC current upto 1000v and ac current upto 250v.

16. Tool Kit Bag. It should be

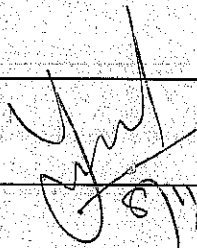
- (a) Portable.
- (b) It should be black in colour and made of heavy duty canvas.
- (c) It should have flat/pleated tool rolls and divided pockets for ease and convenience of handling.

17. Day Pack (Engr Bag). It should be

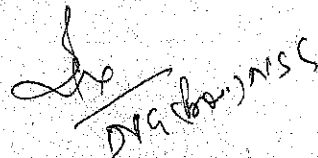
- (a) Back pack model and made of heavy duty canvas.
- (b) It should have large main pockets, two large side pockets and adjustable shoulders straps. (size to be specified by the user)



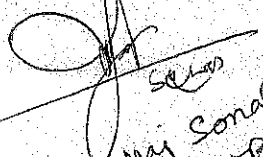
Col. Sunil Kumar
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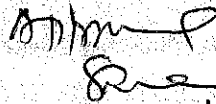
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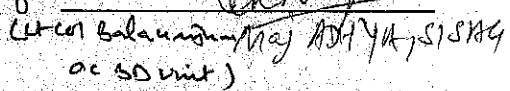
P.K. Rai, AC
SSB



Maj. Sonal Jain
SCWB
HQ NSG



(Subhash Joshi) 11/11
Director General, NSG



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