

INVITATION OF VENDOR COMMENTS ON REVISED DRAFT QR/ TDs
OF RENDER SAFE PROCEDURES (RSP) TOOL KIT

1. It is intimated that firms/ vendors' comments are invited on the revised draft QR/ TDs of RSP Tool Kit. All firms are requested to offer their comments on e-mail address scord@nsg.gov.in or gcproc@nsg.gov.in as per under mentioned format.

QRs	TDs	Comments by the firm
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2. You are requested to offer comments within 15 days from the date of uploading on the website alongwith OEM certificate and Make in india (MII) compliance certificate.

Dated : 29 May 2023


(Ankit Chaudhary)
Maj
SC(Ord)

REVISED DRAFT QRs/SPECIFICATIONS AND TRIAL DIRECTIVES OF RSP TOOL KIT

Sl. No	Tools	Qualitative Requirements	Trial Directive
1.	Doctors Stethoscope	Electronic Stethoscope (For Bomb detection)	To be physically checked by the BOO.
2.	BP Handle	BP Handle Made of Stainless Steel 6" \pm 1" with BP Blade set of 10 Nos. BIS STD IS 3318:1965	To be physically checked by the BOO with measuring instruments.
3.	Scissors	Scissors Made of Stainless steel & dent free. Length 6", 7", 8" \pm 1". BIS STD IS10383:1982	To be physically checked by the BOO with measuring instruments.
4.	Dental Mirrors	Dental Mirrors. Size(Dia) of mirror 16mm. Length of Handle 6" \pm 1" & 10" \pm 1"	To be physically checked by the BOO with measuring instruments.
5.	Scalpel	Scalpel Made of Stainless steel. Length 8" \pm 1". BIS STD IS 3318:1965	To be physically checked by the BOO with measuring instruments.
6.	Artery Forceps	Artery Forceps Made of Stainless steel. Length 6", 7", 8", 9" \pm 1". BIS STD IS 3644:1992	To be physically checked by the BOO with measuring instruments.



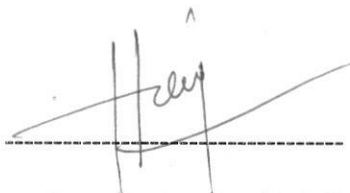








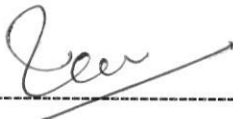


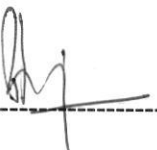




S. No	Tools	Qualitative Requirements	Trial Directive
7.	Torch Pen Type	Torch Pen Type LED type Zoom able (Low, medium, high & Turbo) Flashlight type minimum brightness 1500 Lumens, container material- Aircraft Grade Aluminium HA III military grade hard-anodized, pocket clip with rechargeable batteries and charger set.	To be physically checked by the BOO.
8.	Torch medium	Torch medium LED type (25W) Zoom able (Low, medium, high & Turbo) Flashlight type brightness capacity minimum 500mtr, container material- Aircraft Grade Aluminium HA III military grade hard-anodized, with rechargeable batteries and charger set.	To be physically checked by the BOO.
9.	Hammers sledge and ball pane	Hammers sledge and ball pane <u>Sledge</u> Made of heat treated carbon steel Wt 1.5 to 2 Kgs. Handle Shock proof fiber glass heavy duty Ergonomic Grip type. length 10" to 12" <u>Ball Pane</u> Made of heat treated carbon steel Wt 400 gms \pm 10%. Handle Shock proof fiber glass heavy duty Ergonomic Grip type. length 10" to 12" with claw.	To be physically checked by the BOO with measuring instruments.
10.	Pipe wrench	Pipe wrench Length 10" \pm 1" Cast Iron forged, hardened and tempered jaws with powder coated paint finish.	To be physically checked by the BOO with measuring instruments.





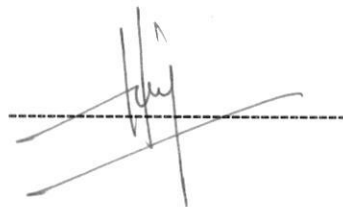



Ser No	Tools	Qualitative Requirements	Trial Directive
11.	Hand vice Grip	Hand vice Grip Length 6" \pm 1" Cast Iron with powder coated paint finish.	To be physically checked by the BOO with measuring instruments.
12.	Magnifying Glass (Hand Held)	Magnifying Glass (Hand Held) Illuminated with LED, 10x magnifying glass, lens dia 75mm \pm 5mm with lens cover.	To be physically checked by the BOO.
13.	Nipper Cutter	Nipper Cutter Tempered heat treated, cutting edge of 60 Hrc. Length 15 to 20 cm with insulation.	To be physically checked by the BOO.
14.	Tin Cutter	Tin Cutter Cutting length 35mm Length 25 cm to 30 cm Handle - Integrated die-cast handle with insulation.	To be physically checked by the BOO.
15.	Nose Plier	Nose Plier Material – Chrome Vanadium Handle – Alloy Steel with shock proof and Anti-slip Grip Length – 20 to 25cms BIS STD IS 10353:1982	To be physically checked by the BOO.















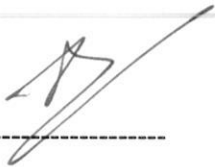




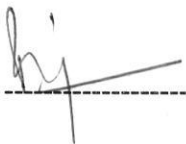
Ser No	Tools	Qualitative Requirements	Trial Directive
16.	Knife	Knife Type – Survival Type with cover Material – Stainless Steel Handle – Anti-slip Grip Blade – Length 15 to 20 cms width 50mm to 80 mm. BIS STD IS 12815:1989	To be physically checked by the BOO with measuring instruments.
17.	'C' Clamp	'C' Clamp Material – High grade Chrome Vanadium Length – 20 to 25cms. Weight – 1.5 to 2 Kgs. Opening – 150 to 160 mm. BIS STD IS 7502:1974	To be physically checked by the BOO with measuring instruments.
18.	Spanner Adjustable 15 mm	Spanner Adjustable 15 mm Heavy duty adjustable spanner chrome plated	To be physically checked by the BOO with measuring instruments.
19.	Spanner Adjustable 30 mm	Spanner Adjustable 30 mm Heavy duty adjustable spanner chrome plated	To be physically checked by the BOO with measuring instruments.

Ser No	Tools	Qualitative Requirements	Trial Directive
20.	Hack Saw Frame	Hack Saw metal Frame 7" \pm 1" with blade set of 10 Frame adjustable with Anti-slip grip handle.	To be physically checked by the BOO with measuring instruments.
21.	Screw Driver set	Screw Driver set Handle Combination Screw driver set. Consisting of:-	To be physically checked by the BOO with measuring instruments.
		(a) Flat 2 mm \pm 1 mm blade width	To be physically checked by the BOO with measuring instruments.
		(b) Flat 4 mm \pm 1 mm blade width	To be physically checked by the BOO with measuring instruments.
		(c) Flat 6 mm \pm 1 mm blade width	To be physically checked by the BOO with measuring instruments.
		(d) Flat 8 mm \pm 1 mm blade width	To be physically checked by the BOO with measuring instruments.
		(e) Flat 10 mm \pm 1 mm blade width	To be physically checked by the BOO with measuring instruments.



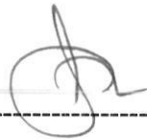


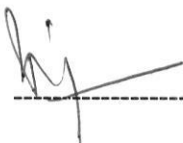
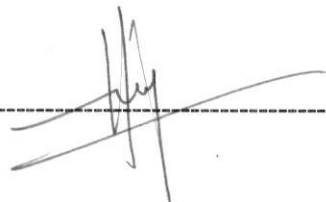





Ser No	Tools	Qualitative Requirements	Trial Directive
		(f) Flat offset 6 mm \pm 1 mm blade width	To be physically checked by the BOO with measuring instruments.
		(g) Flat offset 7 mm \pm 1 mm blade width	To be physically checked by the BOO with measuring instruments.
		(h) Flat offset 10 mm \pm 1 mm blade width	To be physically checked by the BOO with measuring instruments.
		(j) Cross point 75 mm \pm 10 mm	To be physically checked by the BOO with measuring instruments.
		(k) Cross point 150 mm \pm 10 mm	To be physically checked by the BOO with measuring instruments.
		(l) Cross point 200 mm \pm 10 mm	To be physically checked by the BOO with measuring instruments.
		(m) Cross point 250 mm \pm 10 mm	To be physically checked by the BOO with measuring instruments.



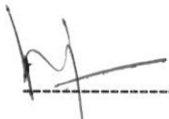



Ser No	Tools	Qualitative Requirements	Trial Directive
22.	Hand drill with drill bit set	Hand drill with drill bit set – Cordless Size Upto6mm (Consists of 13 bits) with rechargeable batteries	To be physically checked by the BOO.
23.	Spannermetric set	Spanner 10 piece metric set double open ended Material, Chrome- vanadium steel with nickel- chrome plated. Hardness Range 42-48 HRC.	To be physically checked by the BOO.
24.	Spannerimperial set	Spanner 10 piece imperial set combination Material, Chrome- vanadium steel with nickel- chrome plated. Hardness Range 42-48 HRC.	To be physically checked by the BOO.
25.	Soldering iron	Soldering iron 6" with soldering paste & solder wire 50 gms. 240V, 25W and bit size 3mm(chisel)& micro tips.	To be physically checked by the BOO with measuring instruments.
26.	Sponge holder	Sponge holder 10" \pm 1" made of stainless steel	To be physically checked by the BOO with measuring instruments.
27.	Can opener	Can opener 6" \pm 1" Stainless Steel can tin bottle Opener cutter with Strong non slip Handle.	To be physically checked by the BOO with measuring instruments.
28.	Tape Cello	Tape Cello Width 2", high quality Adhesive, Length Minimum 130 Mtr, transparent Type with handle type dispenser.	To be physically checked by theBOO.
29.	Tape Black	Tape Black Insulation type 1" width high Quality Adhesive.	To be physically checked by theBOO.

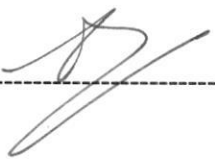







Ser No	Tools	Qualitative Requirements	Trial Directive
30.	Tape Paper	Tape Paper Width 2", high Quality Adhesive, Length Minimum 130 Mtr, Ducked tape with handle type dispenser.	To be physically checked by the BOO.
31.	Punch	Punch 5" \pm 1" Drive punch Made of hard alloy steel with chromium plated finish set of 8 various size of drive pin.	To be physically checked by the BOO with measuring instruments.
32.	Cold Chisel 6" \pm 1"	Cold Chisel 6" \pm 1" Body Octagonal type, mild steel, colour coated. BIS STD IS 6989:1973	To be physically checked by the BOO with measuring instruments.
33.	Cold Chisel 8" \pm 1"	Cold Chisel 8" \pm 1" Body Octagonal type, mild steel, colour coated. BIS STD IS 6989:1973	To be physically checked by the BOO with measuring instruments.
34.	Screw driver set (watch maker)	Screw driver set (watch maker) BIS STD IS 6801:1977	To be physically checked by the BOO.
35.	Screw driver alignment	Screw driver alignment BIS STD IS 6801:1977	To be physically checked by the BOO.

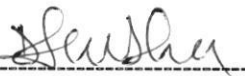





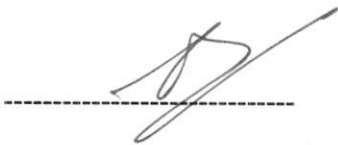








Ser No	Tools	Qualitative Requirements	Trial Directive
36.	Super glue adhesive	Super glue adhesive	To be physically checked by the BOO.
37.	Pliers cutter with grip long point nose	Pliers cutter with grip long point nose Made of Alloy steel Length 25 to 30 CM. weight 250 to 300 gms with Hard insulated, shock proof, anti-slip grip. BIS STD IS 10828:194	To be physically checked by the BOO.
38.	Pliers cutter/ grip combination	Pliers cutter/ grip combination Made of Alloy steel Length 20 to 30 CM. weight 250 to 300 gms with Hard insulated, shock proof, anti-slip grip. BIS STD IS 10828:194	To be physically checked by the BOO.
39.	Pliers flat jaw	Pliers flat jaw Made of Alloy steel Length 20 to 30 CM. weight 250 to 300 gms with Hard insulation, shock proof, anti-slip grip. BIS STD IS 10828:194	To be physically checked by the BOO.











Ser No	Tools	Qualitative Requirements	Trial Directive
40.	Pliers round jaw	Pliers round jaw Made of Alloy steel Length 20 to 30 CM. weight 250 to 300 gms with Hard insulation, shock proof, anti-slip grip. BIS STD IS 10828:194	To be physically checked by the BOO.
41.	Cutter side 160 mm \pm 10 mm	Cutter side 160 mm \pm 10 mm Made of Alloy steel weight 200 to 250gms with Hard insulation, shock proof, anti-slip grip. BIS STD IS 10828:194	To be physically checked by the BOO with measuring instruments.
42.	Cutter side 120 mm \pm 10 mm	Cutter side 120 mm \pm 10 mm Made of Alloy steel weight 200 to 250gms with Hard insulation shock proof, anti-slip grip. IS 14239-PART1-2018	To be physically checked by the BOO with measuring instruments.
43.	Fish line with hook	Fish line with hook Hook made of High carbon steel weight 50 to 100gms with fish line attached (size of fish line is dia- 0.5 to 1 mm and length 150 to 200 Mtrs winded in hand operated spool) BIS STD IS3767:1966	To be physically checked by the BOO.



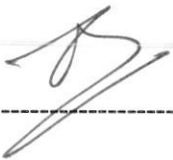






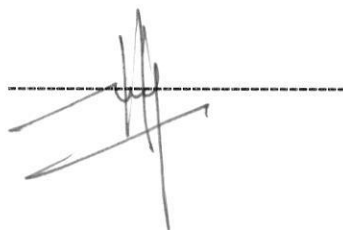


Ser No	Tools	Qualitative Requirements	Trial Directive
44.	Tweezers	Tweezers Made of High quality stainless steel Set of four tweezers (Classic, slant, Pointed & Pointed slant) Paint coated. BIS STD IS6404:1966	To be physically checked by the BOO.
45.	Probe (Straight Angular)	Probe (Straight Angular) Made of carbon steel. Length 30 cm \pm 1 cm Weight 50gms. BIS STD IS 9149:1979	To be physically checked by the BOO.
46.	Wire brush	Wire brush Stainless steel wire hand brush. Insulated handle. Bristles length 4 to 5 cm. BIS STD IS5574:1970	To be physically checked by the BOO.





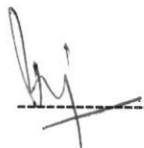






Ser No	Tools	Qualitative Requirements	Trial Directive
47.	Swiss army knife	Swiss army knife Made of High carbon steel Container - multi colour High Quality Fiber. Length 100 to 120 mm. Minimum no of functions 25 to 30. With pouch Pouch should be attachable with belt and quick release attachments. BIS STD IS 12815:1989	To be physically checked by the BOO.
48.	Tape measuring 4 mtr \pm 1 mtr	Tape measuring 4 mtr\pm 1 mtr Flexible steel tape with hard case. Case should be clip. BIS STD IS 9149:1979	To be physically checked by the BOO with measuring instruments.
49.	Non-Metallic probe	Non-Metallic probe Made of high quality fiber. Length should be 20 to 30 cms Dia should be - 5 to 7 mm	To be physically checked by the BOO.
50.	Hand gloves	Hand gloves Dust free, re-usable, re-washable multicolour.	To be physically checked by the BOO.
51.	Fire extinguisher	Fire extinguisher – Powder type 1 kg effective against A, B and C types of fire	To be physically checked by the BOO with measuring instruments.
52.	Bar lever spike & cranked chisel ends	Bar leverspike & cranked chisel ends 445mm \pm 10 mm. Made of high carbon steel. BIS STD IS 6989:1973	To be physically checked by the BOO with measuring instruments.

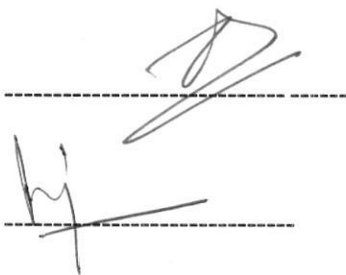


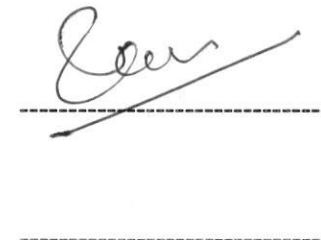
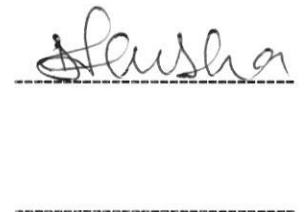





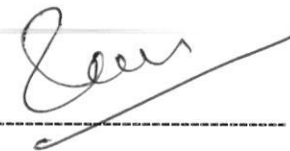



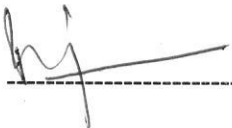



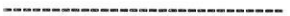

Ser No	Tools	Qualitative Requirements	Trial Directive
53.	Bar lever Cranked form & wedge ends	Bar lever Cranked form & wedge ends 260 mm \pm 10 mm. Made of high carbon steel	To be physically checked by the BOO with measuring instruments.
54.	Square driver socket set	Square driver socket set No of pcs - 45 to 50 Nos of sockets of various sizes. Made of vanadium steel. Set should be in a hard plastic/ fiber container. BIS STD IS 11953:1986	To be physically checked by the BOO.
55.	Pick Tool	Pick Tool 560 mm \pm 10 mm head Set of 5 to 10 type of pick tools in a container.	To be physically checked by the BOO with measuring instruments.
56.	Pry bar	Pry bar Size 450mm x 16 mm. Made of high carbon steel. Set of 3 to 5	To be physically checked by the BOO.
57.	Thermal cutter	Thermal cutter Triangular shape cutter foldable type with insulated handle for wood and plastic. BIS STD IS/ISO 13402:1995/150 13402:1995	To be physically checked by the BOO.
58.	Shovel round nose	Shovel round nose Bend proof, non-slip ergonomic handle. Folding type pick with carrying pouch Weight 0.5 to 1 Kg. paint coated.	To be physically checked by the BOO.



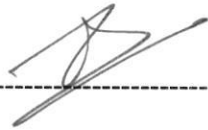




Sr No	Tools	Qualitative Requirements	Trial Directive
59.	Folding ladder	Folding ladder (Optional subject to requirement of the user)	To be physically checked by the BOO with measuring instruments.
		(a) Should be made of ruggedized material	To be physically checked by the BOO.
		(b) Should be foldable and capable for storage in a backpack.	To be physically checked by the BOO.
		(c) Minimum length 12 feet and extended up to 20 feet.	To be physically checked by the BOO.
		(d) Minimum width 1 foot.	To be physically checked by the BOO.
		(e) Weight - maximum 15 kgs.	To be physically checked by the BOO.
		(f) Capacity - 85 Kgs \pm 10 kgs.	To be physically checked by the BOO.
		(g) Cover of ladder should be high quality fibre which can quickly open and close.	To be physically checked by the BOO.
		(h) Fragmentation sleeves	To be physically checked by the BOO.
		(j) Catch & Holder – Stainless Steel 30cm length and 4 to 5mm dia.	To be physically checked by the BOO.

Ser No	Tools	Qualitative Requirements	Trial Directive
60.	Miscellaneous	Miscellaneous. The firm should be able to provide the following, as applicable, along with the equipment. (a) Cleaning kit, wherever applicable.	To be physically checked by the BOO.
		(b) User's Hand Book.	To be physically checked by the BOO.
		All the above tools should be packed in a ruggedized military grade suitcase type carrying case with proper stowage.	To be physically checked by the BOO.
		All The above tools should be ISI marked/ Manufactured by standard and reputed companies	In addition to the physical check, an OEM certificate to be obtained by BOO from the supplier for above mentioned tools and equipment.



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Sanjay Kumar
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