

DRAFT QRs/TDs OF LEG POUCH MINI HOOK & LINE SET

S No	Qualitative Requirements	Trial Directives
1	Mini Hook & Line Set is meant to be mounted on the Bomb technicians tactical gear preferably on the leg/ arm/ both. It consists of a set of tools used by the technician in the Render Safe Procedure drill.	BOO to mount the hook & line set on Bomb Technicians tactical gear and check the same for functionality while performing RSP Drill
2	The life of the equipment should be atleast 8 years. Two copies (one laminated and one unlaminated) of certificate mentioning the life of the equipment should be provided as part of accessories along with the equipment	BOO to check certificates
3	The Mini Hook and Line set consists of Primary tools (supplied in a leg/arm pouch) and secondary tools (supplied in a soft carry bag)	BOO to check the number of tools in each case
4	Primary Tools (complete weight of primary tools with pouch to not be more than 4kg).	BOO to check the availability, dimensions and weight
4.01	One number of Retractable Line Reel, not less than 50m long, not more than 3mm dia, 200 kg breaking strength, not more than 550g	BOO to check the availability, dimensions and weight. Strength is to be checked by gradually loading with weight, for which weights are to be provided by the vendor, which will be verified by the BOO by checking on weigh scale
4.02	One number of Fast Pulley, with rope of length not less than 50m (rope's specifications to be not inferior than the above mentioned specification for line reel), quick and easy deployment, single/ multi use	BOO to check the availability, dimensions, weight and non magnetic property. Vendor to bring sufficiently strong magnet (magnet is to be tested by BOO with any magnetic ferrous substance) for testing of non-magnetic property
4.03	One number of Anti-magnetic, non corrosive Double hook, with weight not more than 250g, Length not more than 250 mm and not less than 150mm, width not more than 100mm, width not less than 40mm, hook diameter (internal) not less than 5mm	BOO to check the availability, dimensions, weight and non magnetic property. Vendor to bring sufficiently strong magnet (magnet is to be tested by BOO with any magnetic ferrous substance) for testing of non-magnetic property
4.04	One number of Vise Jaw Grip, with 02 carabiner rings (of size of 4~6 x 40~60mm), weight not more than 700g (with carabiners)	BOO to check the availability, dimensions and weight
4.05	One number of Anchoring Line, with 02 carabiner rings (of size of 4~6 x 40~60mm), not less than 5m long, not more than 3mm in diameter, break strength of not less than 200kg, own weight not more 50g	BOO to check the availability, dimensions and weight. Strength is to be checked by gradually loading with weight, for which weights are to be provided by the vendor, which will be verified by the BOO by checking on weigh scale
4.06	Two numbers of Folding Anchor, non magnetic, non-corrosive, weight not more than 200g, length not less than 125mm, width not less than 40mm, span (opened) between 50mm to 100mm	BOO to check the availability, dimensions and weight
4.07	Two numbers of Folding Anchor, non magnetic, non-corrosive, weight not more than 50g, length not less than 60mm, width not less than 30mm, span (opened) between 40mm to 100mm	BOO to check the availability, dimensions, weight and non magnetic property. Vendor to bring sufficiently strong magnet (magnet is to be tested by BOO with any magnetic ferrous substance) for testing of non-magnetic property
4.08	One number of Telescopic Spike, non magnetic, non-corrosive, weight not more than 250g, length (opened) not less than 300mm, length (collapsed) not more than 200mm, width not less than 30mm, span (opened) between 40mm to 100mm	BOO to check the availability, dimensions and weight
4.09	One number of Marking light, for marking of IEDs, with anchor (in built or as attachment) for fixing to ground (mud soil)	BOO to check by using the light in a dark place for marking of any object,
4.1	Two numbers of Towing Hook, duly protected, with hook of length not less than 50mm, weight not more than 50g, width not less than 40mm	BOO to check the availability, dimensions and weight
4.11	One number of Knife, disconnecting type, for remote cutting of connected wires by pulling, connected to a pulling rope using a 4~6mm x 40~60 mm ring,	BOO to check the availability
4.12	Three numbers of Carabiner Rings (6~8mm x 60~80mm), 200kg breaking strength	BOO to check the availability and dimensions. 200 kg weights (200kg or more weights brought by vendor, duly cross checked in a digital weigh scale) to be loaded and checked
4.13	Three numbers of Carabiner Rings, 2000kg breaking strength. A NABL accredited lab certificate is to be provided by the vendor for breaking strength	BOO to check the availability and test certificate
4.14	One number of Multi Tool pocket kit, consisting of knife, file, screw driver star type, poker tool, cutting plier, scissors, metric ruler (ruler can be on body or seperately), bottle opener, miniature saw	BOO to check the availability

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4.15	One number of waterproof pouch to accommodate all the above primary items to leg/ arm. The length of the pouch to be not more than 350mm, width not more than 200mm, height not more than 100mm - The vendor has the liberty to specify what side is length, width and height	BOO to check the availability and dimensions
4.16	Fixation strap to fix the above pouch onto arm/ leg, made with fabric as primary material (artificial and durable fabric), with velcro (high durability)	BOO to check the availability
5	Secondary Tools (both primary and secondary tools are to be provided)	
5.1	Forceps scissor with insulated Grip, stainless steel/ anodised steel/ tool steel	BOO to check the availability
5.2	Two numbers of self opening pulley (with facility to convert self opening to non-opening) with load carrying capacity of 20kg	BOO to check the availability. The strength is to be checked by hanging weight slowly, for which weights are to be provided by the vendor, which will be verified by the BOO by checking on weigh scale
5.3	Foldable grappling hook with - 4 Arms Hook, capable of lifting/holding 100kg. Weight of the equipment should be less than 500gram	BOO to check the availability. The strength is to be checked by hanging weight slowly, for which weights are to be provided by the vendor, which will be verified by the BOO by checking on weigh scale
5.4	Cutter with Hook for 420 HC Blade, stainless steel/ tool steel/ anodised steel	BOO to check the availability
5.5	Double side Self adhesive anchor with hook/ fish eye, capacity 30 kg, with no bending to occur for 30kg	BOO to check the availability. The strength is to be checked by hanging weight slowly, for which weights are to be provided by the vendor, which will be verified by the BOO by checking on weigh scale
5.6	Sling Rope (metallic), Maximum 3mm Diameter, minimum 2 meter long, minimum capacity 100kg	BOO to check by putting 100kg weight & Hang it for at least 1 minute, for which weights are to be provided by the vendor, which will be verified by the BOO by checking on weigh scale
5.7	Zip/ cable Ties set with items as below:	BOO to check physically
5.71	Nylon Cable ties, Pack of minimum 100 Nos, minimum 200mm long, minimum 75kg breaking strength	BOO to check the availability. The strength is to be checked by hanging weight slowly, for which weights are to be provided by the vendor, which will be verified by the BOO by checking on weigh scale
5.72	Nylon cable ties, Pack of minimum 100 Nos, minimum 150mm long, minimum 40kg breaking strength	BOO to check the availability. The strength is to be checked by hanging weight slowly, for which weights are to be provided by the vendor, which will be verified by the BOO by checking on weigh scale
5.73	Stainless Steel cable ties, Pack of minimum 50 Nos, minimum 300mm long, minimum 40kg breaking strength	BOO to check the availability. The strength is to be checked by hanging weight slowly, for which weights are to be provided by the vendor, which will be verified by the BOO by checking on weigh scale
5.74	Reusable cable ties (with velcro), consisting of 300 mm - 8 nos, 450 mm 6 nos, 600mm - 6 nos, 900mm 4 nos (all lengths have a tolerance of +/- 20%)	BOO to check the availability
5.75	Two quantities of reusable Utility belt with metallic Buckle (Quick-Release type) of length of minimum 500mm, 15mm wide, load capacity of 1000 kg/ 10kN. The load capacity is required to be clearly marked on the belt	BOO to measure the dimensions. The load capacity is to be checked by checking the markings on the belt
5.8	Pen knife with surgical blade (with spare surgical blade – 10 Nos), encased in a case	BOO to check the availability
5.81	Pen knife with craft blade, with 10 types of blades, encased in a case	BOO to check the availability
5.9	Telescopic fish rod with reel overall weight not more then 500g, minimum extended length-2mtr, maximum closed length - 75cm, weight lifting capacity upto 8kgs when closed & 3.5 kgs when fully extended. The rod should have a reel with 50m of fishing line with breaking capacity of minimum 8kg	BOO to check the dimensions and weight. The lifting capacity is to be checked by hanging a standard weight slowly
5.91	Telescopic fish rod with reel overall weight not more then 500g, minimum extended length-3.5mtr, maximum closed length - 100cm, weight lifting capacity upto 8kgs when closed & 3.5 kgs when fully extended. The rod should have a reel with 50m of fishing line with breaking capacity of minimum 8kg	BOO to check the dimensions and weight. The lifting capacity is to be checked by hanging a standard weight slowly
5.92	Telescopic fish rod, pen type, with reel, overall weight not more then 500g, minimum extended length-1.2mtr, maximum closed length - 30cm, weight lifting capacity upto 2kgs when fully extended. The rod should have a reel with 6m of fishing line with breaking capacity of minimum 3kg	BOO to check the dimensions and weight. The lifting capacity is to be checked by hanging a standard weight slowly, for which weights are to be provided by the vendor, which will be verified by the BOO by checking on weigh scale
6	Adequate Training material, including print material and videos, for operation and maintenance of the equipment should be provided. Basic training for 2 days by the OEM/ Supplier to be provided	BOO to physically check the availability of the training material and undertaking letter for training

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7	All kinds of specialised grease, oils, cleaning agents and lubricants required, if any, for the routine maintenance of the equipment should be supplied (for atleast 100 usages).	BOO to physically check the same
8	The equipment should have atleast 5 year warranty (all covered). Two copies (one laminated and one unlaminated) of warranty certificate should be provided as part of accessories of the equipment	OEM undertaking and warranty certificate to be checked by BOO
9	Optional Clause : Option of having an all covered Comprehensive Annual Maintenance Contract by the supplier/ OEM should be available at a rate not more than 16.6% (per annum) of the equipment cost. This shall be enforced by the buyer at any time after the expiry of the warranty till the expiry of the life of the equipment, without any escalation in cost of the equipment. Sufficient consumables, tools, ammunition and cartridges for one year's operation also forms part of the CAMC clause. Both the OEM and the supplier should provide an undertaking in this regard.	OEM undertaking to be checked by BOO

OFFICIAL ADDRESS FOR VENDOR'S COMMENTS

The official address of vendor's comments is as under :-

HQ National Security Guard
Ops & Training Directorate
WE Branch, Room No 145
Mehram Nagar
Near Domestic Airport Palam
New Delhi - 110037

Email address of comments is as under

- (a) gcwe.opsbr@nsg.gov.in
- (b) twoic.weops@nsg.gov.in