

## TECHNICAL SPECIFICATION

<u>S No</u>	<u>Parameters</u>	<u>Qty</u>	<u>Specifications</u>
1.	Data Comn Kit	04	<p>(i) Rugged Data Comn Kit with 13<sup>th</sup> Gen i5/i7 Processor.</p> <p>(ii) Display of min 14" HD/FHD with sunlight readable technology and touchscreen. Operating system to be not less than 11<sup>th</sup> Gen. Operating temp range should be between -29°C to 63°C. Battery Power Backup of the kit should have a main battery of 10.8 V with min 6600mAh and a hot switch secondary battery of 10.8V with min 6600mAh. Must have USB ports not less than 3.2. Ports available must include Sim Card Slot, Micro SD.</p> <p>(iii) Smart Card Reader, Type-C, HDMI, LAN, Serial Port, VGA port, Powershare USB Type A port. Memory features must include RAM of min 8GB DDR5 and storage memory of min 512 GB SSD. Keyboard to have LED backlit membrane. VGA controller to include UHD Graphics or min Geforce GTX 1650. Should have in built webcam of min 5MP. As part of security features the comn kit must have Kensington Locks and TPM 2.0.</p> <p>(iv) The comn kit must conform to MIL-STD-810 certification and have an IP53 rating with splash resistant keyboard, drop resistance, Shock protected removable SSD and Sealed ports and connectors. Accessories like Battery, AC Adapter and charger and bag is to be included.</p>
2.	Multimeter	02	<p>(i) Digital Clamp Multimeter, 600A,.</p> <p>(ii) True RMS between 4000 to 6000 counts.</p> <p>(iii) <b>NCV</b> Auto ranging Voltage Tester capable of measuring AC/DC Current, Voltage, Resistance, Capacitance, Frequency, Temperature, Continuity and Duty Cycle with in built Backlight, Flashlight and Over Load Protection</p>
3.	GPS	06	<p>(i) Model – <b>G Trek 20 or above</b></p> <p>(ii) Rugged Handheld GPS with Color Display providing 25 hours of battery backup with IPX7 water rating, Mini USB interface, 8 GB memory internal and 32 GB external memory.. Should have the facility to add custom maps and automatic routing. Hydrogpahic, Satellite and Topographic data. GPS should encompass GPS, GLONASS and Barometric Altimeter</p>
4.	Binoculars	04	<p>(i) Binoculars with Rugged Rubber armoring with inbuilt <b>Retied showing bearing</b> Compass and Illuminated Recticle with min 6.7° Angular Field of View having Fully Multicoated Optics/ UV Protection with Porro Prism and Fog Proofing.</p> <p>(ii) The Lens is to be min 50mm <b>with 7 – 10x Magnification</b> and individual focus for each tube with min 28mm eye relief. Casing to include fold down rubber eyecups and accessory case.</p>
5.	Hydrometer	04	Battery Hydrometer made of acid proof tube and acid proof suction bulb. Should be capable of measuring Specific Gravity between 1.100 to 1.800 and nominal voltage of 6,12 and 24V of batteries.