

**List/Specification of equipment required**

Sr. No	Equipment	Quantity	Technical specifications
01	Garmin GPS device for survey Or Equivalent	01	<ul style="list-style-type: none"> <li>• Model:Garmin eTrex® 30x</li> <li>• Display resolution: 240 x 320 pixels</li> <li>• Display type: 2.2" transfective, 65K color TFT</li> <li>• Battery : NiMH or Lithium</li> <li>• Battery life: 25 hours</li> <li>• Interface: USB</li> <li>• Barometric altimeter: Yes</li> <li>• Electronic compass: Yes</li> <li>• Maps &amp; Memory: Yes</li> <li>• Built-in memory: 3.7GB</li> <li>• Accepts data cards: microSD™ card</li> <li>• Waypoints/favorites/locations: Upto 2000</li> <li>• Routes: 200</li> <li>• Track log: 10,000 points, 200 saved tracks</li> <li>• Automatic routing (turn by turn routing on roads) Yes (with optional mapping for detailed roads)</li> <li>• Geocaching-friendly: Yes</li> <li>• Custom maps compatible: Yes</li> </ul>
02	High Performance Computing Machine	01	<ul style="list-style-type: none"> <li>• i7- 6700 Processor (8M cache, upto 4.0 cache)</li> <li>• 64 GB RAM</li> <li>• HDD 2 Tb 7200 rpm</li> <li>• OS windows 10 Pro</li> <li>• VGA GeForce GT 730 &amp;</li> <li>• LED Monitor Screen (23.8")</li> </ul>
03	Oscilloscope	01	<ul style="list-style-type: none"> <li>• Multi Channel</li> <li>• Bandwidth: 100 MHz</li> <li>• Interface: USB OTG</li> <li>• Rise Time: <math>\leq 3.5\text{ns}</math></li> <li>• Memory Depth: 25kpts</li> <li>• Waveform Acquisition Rate: <math>\geq 2000</math> wfms/s</li> <li>• Vertical Sensitivity: 1mV~20V/div</li> <li>• Time-Based Range: 2ns/div ~ 50s/div</li> <li>• Sample rate 1GS/s</li> </ul>

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Director/CES

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16/7/18

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16/10/18



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