

SI No	Item with Specification	Quantity
1	<p style="text-align: center;">Total Station</p> <p>Accuracy 7 second (Angular) and distance accuracy of 3mm + 2ppm (Distance) in track mode with prism Least Count 0.1 second (Angular), 0.1mm(Distance)</p> <p>Display Illuminated (in 3-5 brightness level) LCD display with minimum 150x250 Pixels graphics or better.</p> <p>Key Board Key board on both side, with user definable trigger keys and function keys</p> <p>Onboard application programmes</p> <p>Surveying, Stake out, Area and Volume with visible layout/plan, Tie Distance, ReferenceLine, Free Station, Remote Height and Construction, Security system. The system should have inbuilt security system of locking the instrument with user definable PIN number to avoid the unauthorised use of the instrument.</p> <p>Memory at least 20000 blocks in IDEX/USER Definable ASCII formats / ASCII / GSI / DXF (Direct AUTO CAD formats) LandXML/CSV GPS COmpatibility systems should be of Wince Core 5.0 or better operating systems and Data should be able to interchange between GPS without any data conversion.</p> <p>Battery Must be Rechargeable Li Ion with 20 Hours of Operation Compensator</p> <p>Quadriple axis with ON and OFF facility with a setting accuracy of 2" or better</p> <p>Horizontal/Vertical Drives System should have endless drive i.e, to be free from all mechanical locks for vertical and horizontal movements.</p> <p>Accessories</p> <p>Machine with Laser plummet Tribrach Tripod (wooden and telescopic) Pole Prism to have measuring range of 3500 Meter</p> <p>Battery and charger</p> <p>Downloading software, Simulator for total station offered and preferable with higher models data cable.</p>	2