

	<p>Accuracy : $\pm 0.5\%$ FS Resolution : 0.02mm with readout unit Coil resistance : 130 to 160 ohms Operating temp. : 10 to 70°C. Other detail specifications are as per literature attached.</p>			
3.	<p><u>Auto Warning Extensometer (telltale):</u> Supply of SME model 2480-S single point auto warning tell tale intrinsically safe certified by CMRI Dhanbad with 6 meters anchoring wire length and triggering level of 5mm (adjustable) having visual red LED flashing system for measurement of deformation in roof layers by 5mm of underground coal mine having the following specifications. a) No. of anchor points : 1 b) Anchoring height : 6 meters c) Length of bore hole : 6.5 meters d) Bore hole diameter : 40- 42mm e) Visual indication : Red LED flashing. f) Triggering level : 5 mm(adjustable) g) Water proof : It is water proof design. h) Intrinsically safe : Certified by CMRI Dhanbad</p> <p>The literature for the same is attached.</p>	specify		
4.	<p><u>Telescopic convergence indicator:</u> Supply of SME make mechanical telescopic convergence rod suitable for measuring range from 2.0 m. to 3.5 m. adjustable height made of brass material and scale graduation 1mm to monitor the roof convergence manually..</p> <p>Other specifications are as per literature attached.</p>	specify		
5.	<p><u>Load cell:</u> Supply of SME Model 2260 Vibrating wire roof support / base support load cell with top & bottom mounting plate with three gauge wire construction to nullify the eccentric loading effect for better accuracy. The load cell will have the following specification. a) No. of gauge wire : 3 gauge for better accuracy. b) Capacity : 40 ton or specify c) Accuracy : $\pm 1\%$fsd d) Resolution : 0.1 Ton e) Connection : with 4 core shielded cable 2 meter long. Other detail specifications are as per literature attached.</p>	specify		
6a.	<p><u>Data Logger:</u> Supply of SME model 2500 Vibrating wire type Data Acquisition system / Data Logger (DAS) of 48 channels suitable to take the data in Engg. unit from multiplexer unit at preset time interval (adjustable), store it and display or download these data's to a PC for taking print out. The data logger is rechargeable battery operated having the following specifications. a) Type : Vibrating wire type</p>	specify		