

# Shivaji University, Kolhapur

## Department of Technology

Package Code	Package Name	Items	Description of Works/Goods	Qty	Method of Procurement
TEQIP-II/MH/MH1G05/109	SURVEYING	Electronic Total station-STD. 5" Reflector less with standard accessories (Leica, Sokkia or Trimble make only)	Accuracy- 5sec with dual display, single prism & pole-1No, reflector sheets + mini prism-1 no.	1	Shopping
		Digital Planimeter (Palcom KP-90N or Sokkia Tamaiya EX-L or equivalent)	Simultaneous line, length and area measurement, Calculator, automatic closing and averaging function, printer.	1	
		Electronic Theodolite (Leica, Sokkia or Trimble make or equivalent)	Having 1" least count and 2" accuracy, 30x, 45mm Objective Aperture, Dual Display, Optical Plummet 3x, Working Range of Compensator +3'.	2	
		Dumpy level 10", Make-Popular with all standard accessories	Erect Telescopic, Good Magnification 20X, Stadia constant 1:100	6	
		Theodolite 20"(L.C.) Make-Popular with all standard accessories	Optical plummet centre system, Magnification 30X, Objective aperture 40 mm, Shortest / Longest focusing distance 1.5 / 300 m, Good Quality Take wood box.	4	
		Mechanical Planimeter with all standard accessories	Mechanical Planimeter	2	

Ultrasonic distometer 45 mt	Accuracy -1mm	2
Auto Level( Sokkia C410, Model B40. or equivalent) with all standard accessories	Erect Telescopic, 9" inch Length, Good Magnification 20x or more , Stadia constant 1:100	2
Levelling Staff (4m)	1m telescopic with Least count of 5mm on front & 1mm on rear.	15
Ranging Rods (2m)	Mild steel	30
Prismatic Compass 100 mm Standard (good quality)	Metal box with glass top Standard (good quality)	6
Prismatic Compass 150mm	Metal box with glass top	10
Surveyor's Compass 100mm	Metal box with glass top	2
Tape ( 15m )	Freeman Fibreglass measuring tape.	5
Metric Chain (20m)	M.S with 200mm links and brass tags	5
Metric Chain (30m)	M.S with 200mm links and brass tags	5
French Cross staff	M.ild steel with stand	5
Wooden Cross staff	Teakwood -150mm with stand	5
Indian optical square	M.ild steel	5
Line Ranger	M.ild steel	5
Box Sextant	M.ild steel	2
Pocket Stereoscope	M.ild steel	2
Mirror Stereoscope	M.ild steel	2
Plane Table set complete with standard accessories	Teakwood - with stand	5
Abney Level	M.ild steel	2
Hand Level	M.ild steel	2
Ghat tracer	Ceylon G.	2
Subtense Bar	Wooden with	2

	Toposheet	SOI Department, Dehradun.	4
	Parallax Bar	Steel	2
	Road Measuring Wheel	Road Measuring Wheel	2