

Shivaji University, Kolhapur

Department of Technology

Package Code	Package Name	Items	Description of Works/Goods	Qty	Method of Procurement
TEQIP-II/MH/MH1G05/108	CONCRETE TECHNOLOGY	Test sieve, 20cm dia, Brass, 90 microns Lid & pan (Set of 1)	Test sieve, 20cm dia, Brass, 90 microns Lid & pan (Set of 1)	2	
		Test sieves, 45 cm dia, G.I. 80,63,40,25,20,16,12.5,10 lid & pan (Set of 13 powder coated)	Test sieves, 45 cm dia, G.I. 80,63,40,25,20,16,12.5,10 lid & pan (Set of 13 powder coated)	2	
		Test sieve, 30cm dia, G.I. 50,40,25,20,12.5,10,2.36,1.7 mm lid & pan (Set of g powder coated)	Test sieve, 30cm dia, G.I. 50,40,25,20,12.5,10,2.36,1.7 mm lid & pan (Set of g powder coated)	2	
		Gauging howel,6"	Gauging howel,6"	2	
		Pycnometer with Brass cone	Pycnometer with Brass cone	2	
		Concrete Rebound hammer (Digital)	Concrete Rebound hammer (Digital)	2	
		Ultrasonic Pulse Velocity NDT	Ultrasonic Pulse Velocity NDT	1	
		Rebar Locator	Locating Rebars, Measuring concrete covers, storing and evaluation. Measure Bar diameter to an accuracy of + 1 mm.	1	

Specific gravity bottle	Specific gravity bottle	2
Oven 18 * 18 * 18 inch with digital temp. control	Oven 18 * 18 * 18 inch with digital temp. control	2
Rubber motet	Rubber motet	10
G.I. tray 60 * 45 * 8 cm	G.I. tray 60 * 45 * 8 cm	5
G.I. tray 456 * 45 * 5 cm	G.I. tray 456 * 45 * 5 cm	3
Sieve shaker motorices with digital Timer, suitable for 45 * 30 * 20cm sieve	Sieve shaker motorices with digital Timer, suitable for 45 * 30 * 20cm sieve	1
Vibrating Table 1mt * 1mt.	Vibrating Table 1mt * 1mt.	1
Slump cone test Apparatus	Slump cone test Apparatus	3
Vee Bee consistometer	Vee Bee consistometer	1
Compaction factor Apparatus	Compaction factor Apparatus	1
Le chatelier water Batch Thermostatic	Le chatelier water Batch Thermostatic	5
Aggregate impact Tester with counter	Aggregate impact Tester with counter	1
Aggregate crushing value, 150mm with metal measure & Tamping Road	Aggregate crushing value, 150mm with metal measure & Tamping Road	1
Thickness Gauge	Thickness Gauge For determination of Flakiness index of coarse aggregates. It consists of a frame a sliding panel having slots of different dimensions.	3

	Length gauge	Length gauge Used for determination of elongation index of aggregate. It is constructed of steel and it is mounted on a hard wooden base	3
	Density Basket	Density Basket BIS-2386 Part III-1963. For the determination of specific gravity and water absorption of aggregate. It is made of G.I. wire-mesh approx 20 cm dia x 20 cm high. Complete with handle	2
	Bulk Density measure	Bulk Density measure	2
	Cement Autoclave	Cement Autoclave	1
	Lab Balance electronic platform type capacity 300kg	Lab Balance electronic platform type capacity 300kg	1
	Buoyancy balance 15kg * 0.5 m	Buoyancy balance 15kg * 0.5 m	1
	Vibrating Machine with timer	Vibrating Machine with timer	1
	Measuring cylinder 1000ml plastic	Measuring cylinder 1000ml plastic	20
	Measuring cylinder plastic, 500ml	Measuring cylinder plastic, 500ml	20
	Concrete Mixer electronic operator (1/2 bag)	Concrete Mixer electronic operator (1/2 bag)	1
	Variouable flow type air permeability apparatus	Variouable flow type air permeability apparatus as per IS : 5516-1969	2