

प्राचार्य का कार्यालय राजकीय पोलिटेकनिक, भागलपुर ग्राम + पोस्ट – बरारी, मागलपुर– 812003

E-mail - bhag.gp@gmail.com

पत्रांक :--

6145

/भागलपुर,

दिनांक :- 15-10 - 2024

CORRIGENDUM NOTICE

E-PROC System Tender NO: 73082 DATED :30-09-2024

With reference to new guidelines provided through Departmental letter no 4541 dated 15-10-2024, the list of items to be procured through on-going e-proc system tender no. – 73082 dated 30-09-2024 has been changed. The updated BOQ is attached with this notice and the same has been updated on the E-PROC system and RFP document. Bidders are requested to kindly consider this updated BOQ for participation in this tender.

N.B.- All other conditions remain unchanged.

Government Polytechnic Bhagalpur

BOQ Of Supply of Machines and Equipments for Civil Engineering Lab at Govt. Polytechnic, Bhagalpur

FINANCIAL BID FORMAT

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Name of Tenderer	
Contact person with complete address	
Email & Mobile No.	

Email	& Mobile			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		the property of the second	Control of the state of the state of	e de la companya de	
		NAME OF LAB-S	-SURVEYING						
S. No.	Name	Specification	UOM	Quantity	Unit Price	Total Amount (A)	GST /Tax amount (B)	Gross Amount (C=A+B)	
1	Direct reading transit theodolite 2" with tripod	Angular accuracy- 2" Telescope. Min magnification- 30 X Min objective aparture -45 mm. Minimum focusing vial 30"("/2mm) or better, Sensitivity of circular level vial 8('/2mm) or bettewr. Display LCD both side. Lummet-laser/optical	No's	5			7		
2	Dumpy level with tripod	Min Telescope length- 228mm, Min diaphragm Etched on glass with stadia 1:100, Screw Focusing eye piece, Highly sensitive spirit bubbles, aperture not less than 3.76cm. Min Magnification 38 X, Magnetic compass, longitudinal bubble	No's	5					
3	Prismatic compass with tripod	Aluminium ring, Magnetized needle, automatic lifter and prism readin, hinged coloured shades and reflector, tripod stand, Aluminium Stand.	No's	10					
4	Cross Staff	Cross Staff Wooden 4"x4"x2" with steel Pole	No's	2					
5	Optical Square	Optical Square PWD Pattern	No's	10				_	
6	Ranging Rod (Steel) 4m	Socket type (30mm Dia.):: made of Steel conduit pipe alternatively painted black and White or red and white. Fitted with Strong shoe at the bottom, Size 4 Mtr	No's	20					
7	Ranging Rod (Steel) 3m	Socket type (30mm Dia.):: made of Steel conduit pipe alternatively painted black and White or red and white. Fitted with Strong shoe at the bottom, Size 3 Mtr	No's	20					
8	Leveling Staff (4m)	Made of aluminium Channel. Screen printed figures in four five section and six respectively. Packed in canvas cover	No's	10					
9	Leveling Staff (5m)	Made of aluminium Channel. Screen printed figures in four five section and six respectively. Packed in canvas cover	No's	10					
10	Leveling Staff (6m)	Made of aluminium Channel. Screen printed figures in four five section and six respectively. Packed in canvas cover	No's	10					
11	Engineers Measuring Chain 30m	10 arrows made of 8 SWG Wire (Size Dia. 4mm & L. 30cm)	No's	5					
12	Metallic Tape 30m,	Measuring Metallic Tape	No's	5					
13	Arrows (Metal)	Arrows made of 8 SWG wire	No's	20					
14	Mallet and pegs (wooden)	Wooden peg and Mallet	No's	5					
15	Spirit Level	BRASS MADE SIZE 6"	No's	. 5					
16	Invar Tape 30m	FIBER GLASS TAPE of Length 30M	No's	2				, r	
17	Surveyor compass	Surveyor compass with all accessories	No's	2				1	
18	Stand	standard stand	No's	3					
19	Chain	Engineers Measuring chain 30m made of SWG Nos. 8 with 100 links Size 30m Long with 150 links 15 arrows	No's				*		

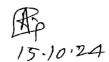






20	Metallic Tape	Measuring Metallic Tape	No's	5]			
21	Pegs	Pegs (wooden)	No's	50				
22	Hammer	Hammer (1kg)	No's	5				
23	Plane Table and its accessories	Plane table with accessories Size (750*600)mm * 15mm Thickness. Sight vane, Size 600mm, made of brass of 2mm thickness, in wooden box magnetic compass, size 150mm, made of aluminium alkoy, in wooden box. Plumb Bob made of Steel with suspending cord plumbing Fork, Made of Aluminium. Spirit Level made of aluminium in wooden box strong canvas carrying case This plane Table set is supplied along with aluminium telescopic Stand	No's					
24	Metallic Tape 5m.	Measuring Metallic Tape	No's	5				
25	Prism Square	To lay off right angles that are multiples of 90 degree or of 45 degree	No's	5				
26	Clinometer	This manipulative is to measure angle of elevation or depression of any objected. This model can be used to find height and distance of a building etc. Provided in durable box. Optical adjustment for reading	No's	2				
27	Tachometer	Specification: 5 dight 18 mm (0.6") white backlight LCD accuracy ±(0.05% + 1 digit) Sampling time: 0.5sec(over 120RPM) Range Select: Auto-switch Memory: Max. Value. Min. Value, hast value can store 96s data time base. 6MHz Quartz crystal Detecting Distance: 50- 50mm Power Consumption: Approx. 55mA Measuring range: 2.5-99999RPM Resolution 0.1RPM (2.5-999.9RPM) 1RPM(over1000RPM) Total Test Range: 1-99999 Frequency Range: 1- 1666.6Hz Resolution: 0.01Hz time Base Accuracy 10x10- 6(0-50degree C.) Power: 3x1.5V AA battery	No's	2				
		Concrete Techno	ology L	ab.				
1	Compaction Factor Apparatus	Material of Construction: Special quality low carbon mild steel. Paint quality:-Powder coating 70-80 micron thick for determination of workability determination of concrete mixes of very low workability such as those normally used with concrete, compacted by vibration. Concrete mix having maximum size of aggregate not exceeding 38 mm, can be tested for workability. Compaction Factor Apparatus is complete with hoppers and receiver assembly, Tamping Rod of 16 mm dia x 60 cm long having a Hooper and two trowels. As per IS- 1199, 5515 & BS 1881-103	No's	2				
2	Slump Test Apparatus	Slump Test Apparatus with testing rod and base plate, consisting of Slump Cone, Base plate (200mm and height 300mm) with swivel handle, Tamping rod steel, 16 mm dia x 600 mm length as per ISI 7320	No's	4				
3	Vee bee Consisto meter	Material of Construction:Special quality low carbon mild steel with good paint quality Vibrator Table: Min 380*260. Four rubber shock absorbers with A.C. supply motor 415 volts, 3 phase, One metal pot, One slump cone, One swivel arm with metal cone, One graduated rod, One perspex disc. One tamping rod as per IS 1199	No's	2				
4	Cement Mortar Moulds	Cement Mortar Mould, Steel, for 70.6mm cube with ISI certification mark, IS:10086, machined with a permissible variation of 0.15mm and finished within tolerances of +0.15mm - 0.10mm	No's	10				
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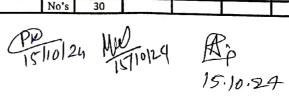




I	Cylindrical	Cast Iron, Split Lengthwise 150mm dia x 300mm	 _{N-} /-	5	1	I	1	1	
5	Moulds	high with baseplate and top plate	110 3	3	<u> </u>				
6	Cube Moulds	Cast Iron, for 150mm Cube with ISI Certification IS:10086 Angle between adjacent interior faces and between interior faces and top and bottom plates of mould-90+/-0.5Deg length of base plate -Min. 280mm Width of base plate -Min. 215mm Machined flat to +/- 0.02 mm of accuracy and finished to within +/- 0.2 mm of specified dimensions. Approx wt minium to 14kg	No's	10					
7	Le Chatelier Flask	Le-Chatelier Flask, determination of specific gravity of hydraulic cement as specified in 18:4031-1968.	No's	5					
8	Le-Chatelier Apparatus	Le-Chatelier Mould with IS 269, 712 6392 Part-IX. This unit comprises of a metal sleeve with a hook and set of screw to fit over one of the mould pointers and a clamp to fit on to the other pointer of the mould.	No's	5					
9	Standard Vicat's Apparatus	Vicat Apparatus with ISI Certification Mark, 1S:5513.	No's	5					
10	Needle Vibrator	Immersion Type Needle Vibrator, Electrically Operated, Motor-Single Phase 2HP, Needle Dia-40mm Length (including Needle) 4-5 Mtrs.	No's	1					
11	Digital Weighing Balance	Electronic Balance, Capacity Min: 20kg ± 2g	No's	1					
12	Digital Platform Balance	Electronic Balance, Capacity Min: 100kg ± 10g	No's	1					
13	Trowel	made of iron, standard size	No's	10					
14	spatulla	100mm, 150mm, 200mm blade of iron	No's	10					
15	guinia	made of iron, 200mmx 100mm metallic	No's	10					
16	spirit level	digital, made of brass	No's	10					
17	Floor Tile testing machine (Flexure and abrasion) with all accessroies	Size: 280×150×100mm: Voltage 220 V: Displacement measurement error ≤0.01mm, Temperature record value error: ±1%	No's	1					
18	Weight	2kg, 1kg, 100g, 200g, 50g, 500g	Set	1					
19	Weight Hanger	Provided with hook, made of stee!	No's	1					
20	steel scale	300mm size	No's	5					
21	Thickness and Length Gauge for Flakness and Elongation Index	material - SS, Application Thickness & Length Gauge	No's	5					
22		Sieves 20 cm diameter brass Aperture size 4.75 mm, 2.36 mm, 1.18mm, 600 micron, 300 micron,150 micron and 75 micron as per IS 460	No's	2					
	PHE (Public Health Engineering) Lab								
1	pH meter	20 x 2 line back lighted LCD display., pH Meter complies to USP and DIN standards, alphanumeric splash waterproof polyester keyboard with soft keys., Range 0° to 150° C.	No's	1					
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2	Turbidity meter	0 - 10,000 NTU , \pm 2% of reading plus 0.01 NTU (0 to 1000 NTU) \pm 5% of reading (1000 to 4000 NTU) \pm 10% of reading (4000 to 10,000 NTU) , Response Time: less than 6 seconds, Sample Size: 30ml, Operating Temperature: 0° - 50°C	No's	1				
3	Test tube	Glass Test Tube - 150 mm tall x 16 m with 14 mm inside diameter. Approximate volume is 22 mL. Borosil	No's	24	=			
4	MAGNETIC STIRRER WITH HOT PLATE	Number of stirring Positions: 1 Calibration: Automatic Calibration Type of Drive Motor: Motorless magnetic coil type Display Option/Output Read out Option: Digital Magnetic stirrer is: with a hot plate or some other means for heating the liquid Controller type: Electronically controlled and Programmable Speed Control Accuracy of set speed (+/-) (RPM): 0 Maximum Stirring capacity per position: 2000 milliliter Ceramic Top Plate Material, Digital Front Panel, Last run memory CE certified Product (seller to furnish supporting document to Buyer on demand) SPEED Speed Mode: Variable Speed Minimum Speed Possible (RPM): 50 Maximum Speed (RPM) of variable speed mode equipment: 1600 DIMENSIONS External Dimension: (Height)200 millimeter External Dimension: Width 200 millimeter External Dimension: Depth: 50 millimeter Body Material: Stainless Steel Finish of Body material: Powder coated Top plate Finish: Ceramic coated STIR BAR Stir bar cover material: PTFE QUOTED ALNICO MAGNET Stir Bar length: 200 millimeter TOP PLATE Top plate area shape: Circular Circular Top plate diameter: 1000 millimeter Top plate Finish: Ceramic coated	No's	1				
5	Burette	50 ml, made of Borosil	No's	6				
6	Burette. stand with rod,clam & boss head	Base 8" x 5", Rod 2411 long, 1.1tree finger clamp	No's	10				
7	Conical Flask	250 ml, made of Borosil	No's	6				
8	Pippette,	25 ml, made of Borosil	No's	10				
9	Rubber gloves,	Nitrile rubber (L Size)	Box	4				
10	Apron	White Cloth Lab Apron (M size)	No's	5				
11	Nessler Tube	Borosil glass, 3.3mm thick, and 100ml capacity	No's	6				
		Glass Test Tube - 150 mm tall x 16 m with 14					-	
12	Glass test tubes	mm inside diameter. Approximate volume is 22 mL. made of Borosil	No's	24				
13	Thermometer	Digital display, accuracy +/- 1'c	No's	3				
14	Petri Dish	Borosilicate Glass Petri Dish 90mm	No's	10				
	Silica	Heat Resistant, Strong build quality {10 piece of	M			-	 	
15	Crucible (50m1)	each), can be used in muffle furnace at high tempareture up to 1000 degree celcius	No's	10				
16	Silica Crucible (100 ml)	Heat Resistant, Strong build quality {10 piece of each). can be used in muffle furnace at high tempareture up to 1000 degree celcius	No's	10				
17	BOD Bottle	300ml bottle, made of borosil	No's	30				
		,	- 12 0				L	



18	Digital COD Digester (for 10 ml COD vials)	Digestion capacity 10-16 vials Vial volume Maximum 10m1 Vial dimension 16 x 100 mm Digestion temperature 20"C- 200° C	No's	1	a .		
19	Chloroscope	Square unbreakable test tube - 2 Nos, glass dropper with rubber test-1No, O-Toluidine reagent-125ml, packed in thermocol box, to check chlorine in drinking water from 0.25ppm to 2ppm	No's	6			
20	Porcelain dish	80mm dia, 40 ml	No's	6			
21	Measuring cylinder	250 ml made of Borosil	No's	6			
22	Beaker	250 ml made of Borosil	No's	6		1	
23	Filter Paper	42 & 45 no.	No's	12			
24	Funnel	made of Borosil	No's	6			
		Geo Tech.	Engg				
1	I.S. Sieves 20 cm diameter brass Aperture size 4.75 mm, 2.36mm, 1.18mm, 600micron, 300 micron,150 micron and 75 micron as per 1S 460	Sieves 20 cm diameter brass Aperture size 4.75 mm, 2.36 mm, 1.18mm, 600 micron, 300 micron, 150 micron and 75 micron as per IS 460	Set	2			
2	Pycnometer	As per IS:2386 (Part 3) Consist of a 1 kg Glass Jar with Brass Cone	No's	6			
3	Liquid Limit Device	Casagrande grooving tools and gauge block with AC Supply Compliance with IS:2720 (Part 5), IS:9259 Consists of a hard rubber base Casagrande Grooving Tool Gauge Block	No's	6			
4	Plastic Limit Set	Glass plate, Flexible Spatula, Brass / SS rod, Moisture Dish & Porcelain Dish.	No's	6			
5	Core Cutter	As per IS:2720 (Part 29), Min. 100 mm dia x 130 mm long, Steel Dolly 25 mm high and 100 mm dia,Rammer with Steel Rod.	No's	4			,
6	Density bottle	100 ml, made of borosilicate	No's	5 ,			
7	Density bottle	50 ml, made of borosilicate	No's	5			
8		Proctor Test Apparatus for heavy compaction, Material - Mild Steel as per the IS:2720 (Part 8), Rammer and Base Plate, made of Mild steel 150 mm dia, 127.3 mm height 2,250 ml volume. Rammer: 4.9 kg	No's	1			
9	per IS : 2720 (Ref. Standards IS:11229, 2720 (Part 13) Type of Shear: Direct / Residual Measurement Operation: Motorised Rates of Strain (mm/min): 1.25, 0.625, 0.25, 0.125, 0.05, 0.025, 0.01, 0.005, 0.002, 0.001, 0.0004, 0.0002 Specimen Size: 60 x 60 x 25 mm Digital Indicator, Load Cell 2KN, Displacement Sensor Range: 0-20mm. Shear Box Assembly, This assembly comprises	No's	1			

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Plana Cripper Plate - 2 Performed Gripper Plate - 2 Perfor					•					•
Process Stone - 2 - Top Londing Pad - 1 Base Plate - 1 Specimen Cutter - 1 Min normal stress - 3 kg/m2 Operation: Networked As per the 1823/270 (Part 30) with special motor, Retation on 10 rice Operation and State Plate - 1 Min normal stress - 3 kg/m2 Operation: Networked As per the 1823/270 (Part 30) with special motor, Retation on 10 rice Operation on 220 V, 50 Hz, Single Plate, AC supply: Container 1 No. Set of 4 Springs, (one each of capacity) 2 kg/em, 8 kg/em, 6		i i	Plane Gripper Plate - 2							
Top Loading Pad - 1 Base Plate - 1 Specimen Cutter - 1 Min mormal Stress - 3 kg/em2 Operation: Motorised A per tell 852-2700 (Part 100) with special motor, Relation 1.0 More. A per tell 852-2700 (Part 100) with special motor, Relation 1.0 More. Rate of refaction: 1.600 pm Stress Shaker, Apparatus Sieves Shaker, Moetzeed, with Bullt-in Digital Timer, - A digital timer adjustable from 0-99 minutes is incorporated as an integral part of the eventyment. Sieves Shaker, Moetzeed, with Bullt-in Digital Timer, - A digital timer adjustable from 0-99 minutes is incorporated as an integral part of the eventyment. Sieves Shaker, and the direction of melination changes progressively in the clockwise direction. In addition to the gyratory motion of the table, there is a tapping motion as well. Suitable for operation on 220 V, 50 Hz, Single Phase, AC Supply. 12 Electronic Balmer 13 measuring cylinder 14 Stop Watch 15 Hydrometer Hydrometer, Rungue 0-20, 20-40, 40-60, 60-80, Apparatus 16 Metre scale 17 Limit Set Apparatus 18 Simple Exartor A principle air Limit Set Cylinder, 25 ml x 0.5 ml. Mercusy. 19 Sand bath Device with Tury, sove, plack, fattic, steel top with powder conduct 20V, shope places 10 Oct. 21 Thermometer Limit Set Cylinder, 25 ml x 0.5 ml. Mercusy. 22 Water bath 10 Deam 11 Apparatus 12 Deam 12 Deam 12 Deam 13 General Stop State of State of State of State of State 14 Stop Watch 15 Hydrometer Hydrometer, Rungue 0-20, 20-40, 40-60, 60-80, No's 16 No's 17 State State 18 State of State of State of State of State Metal Pronage, Pessper Plain Plate Spathal, Class Cup, Min. Three Metal Pronage, Pessper Plain Plate Spathal, Class Cup, Min. Three Metal Pronage, Pessper Plain Plate Spathal, Class Cup, Min. Three Metal Pronage, Pessper Plain Plate Spathal, Class Cup, Min. Three Metal Pronage, Pessper Plain Plate Spathal, Class Cup, Min. Three Metal Pronage, Pessper Plain Plate Spathal, Class Cup, Min. Three Metal Pronage, Pessper Plain Plate Spathal, Class Cup, Mo's 1 Deam 1 Apparatus 1 Oct. Condition of the Manual 1 App		ļ:	Perforated Gripper Plate - 2	- 1	1					1
Base Plate - 1 Specimen Cutter - 1 Min normal stress - 3 kg/em2 Operations : Medorised A per the 1852/20 (Part 40) with special motor, Relation ol. 10/8ce. Ac 2 supply. Container 1 No.Set of 4 Springs, (one cach of capacity 2 kg-cm. 4 kg-cm. 6 kg-cm and 8 kg-cm. min); Relation of the capacity come cach of capacity 2 kg-cm. 4 kg-cm. 6 kg-cm and 8 kg-cm. min); Relation of the capacity come cach of capacity 2 kg-cm. 4 kg-cm. 6 kg-cm and 8 kg-cm. 1 Relation of the capacity come come of the capacity come of the capacity of the capacity come of the capacity of th	į					*:				
Base Plate - 1 Specimen Cutter - 1 Min normal stress - 3 kg/em2 Operations : Medorised A per the 1852/20 (Part 40) with special motor, Relation ol. 10/8ce. Ac 2 supply. Container 1 No.Set of 4 Springs, (one cach of capacity 2 kg-cm. 4 kg-cm. 6 kg-cm and 8 kg-cm. min); Relation of the capacity come cach of capacity 2 kg-cm. 4 kg-cm. 6 kg-cm and 8 kg-cm. min); Relation of the capacity come cach of capacity 2 kg-cm. 4 kg-cm. 6 kg-cm and 8 kg-cm. 1 Relation of the capacity come come of the capacity come of the capacity of the capacity come of the capacity of th		ŀ	Top Loading Pad - 1							ı
Min normal stress - 3 kg/cm2 Operation: Metorised A per the 1852/29 (Purt 30) with special motor, Retation - O.10/sec. Retation - O.10/sec. I.aboratory Vane Shear Apparatus Siriable for operation or 22 V, 50 Hz, Single Phase. A C supply. Container 1 No.5et of 4 Springs, (one cach of capacity 2 kg-cm. 4 kg-cm. 6 kg-cm and 8 kg-cm min) Sieve Shaker, Motorized, with Bulle-in Digital Timer. 4 Adgital inter adjustable from 0-59 minutes is incorporated as an integral part of the equipment. 11 Sieve Shaker 12 Sieve Shaker 13 Sieve Shaker 14 Sieve Shaker 15 Hydrometer 16 Hydrometer 17 Sieve Shaker, Motorized on of ne-indiation changes progressively in the clockwise derection. In addition to the grantery motion of her table, there is a tamping motion as well. 15 Hydrometer 16 Hydrometer 17 Sing Watch 18 Hydrometer 18 Hydrometer 19 Sample 10 Meus escale 10 Meus escale 11 Sample 12 Limit Set Limit Set Limit Set Limit Set Condition of the set of the			Base Plate - 1	l l						
Coperation: Notorised As per the Siz2720 (Part 30) with special motor, Relation 0.10/sec. Rate of motion on 220 V, 50 Hz, Single Phase. Aspartation Size Sharker Apparatus Size with Sharker Apparatus A				ľ						- 1
A per the 18-2720 (Part 30) with special motor, Retation of 10/68cc. Retation of 10/68cc. Metation of 10/68cc. M										- 1
Laboratory Vane Shear Apparatus Rate of rotation on 220 V, 50 Hz, Single Phase, Ac supply. Container 1 No.Set of 4 Springs, (one cach expectly Capacity 2 Reyem, 4 Reyem, 6 Reyem and 8 Reyem min) Sieve Shaker, Motorized, with Built-in Digital Timer, * A digital timer adjustable from 0-59 minutes is incorporated as an integral part of the equipment. * The Sieve Shaker can carry up to 8 sieves of 20cm diameter, also supplied with 30cm adaptor. It is divine by a V HP geared motor. * The Sieve Table is inclined from the vertical axis and the direction of inclination changes progressively in the clockwise direction. In addition to the spratory motion of the table, there is a tapping motion as well. Suitable for operation on 220 V, 50 Hz, Single Phase, AC supply. 12 Electronic Balance Glass 13 measuring cytinder 14 Stop Watch Accuracy: 0.01 Seconds 15 Hydrometer Hydrometer, Range. 0-20, 20-40, 40-60, 60-80, cytinder Hydrometer, Range. 0-20, 20-40, 40-60, 60-80, a 80-100 Mere scale 300 mm length, steel made 10 Mere scale 300 mm length, steel made No's Sample Limit Set Limit Set Cytinder, 25 ml a 0.5 ml, Mercury. 3 spilestoria. osid Extractor, Capacity - 5 Ton, Apparatus 4 Automation Grade Manual Device with rurs, stove, palet, knife, steel top with powder conteol, 230V. single phase No's 10 More scale 300 mm length, steel made No's 10 Water bath No's 11 Microcontainer 10 Sand bath No's 10 Microcontainer 10 Sand bath No's 10 Microcontainer 10 Microcontainer 10 Sand bath No's 10 Microcontainer 11 Sievinder 12 Microcontainer 12 Microcontainer 13 Sand bath No's 10 Microcontainer 14 Sievinder 15 Sand bath No's 10 Microcontainer 16 Sand bath No's 10 Microcontainer 17 Sievinder 18 Sand bath No's 10 Microcontainer 19 Sand bath No's 10 Microcontainer 10 Microcontainer 10 Microcontainer 10 Microcontainer 10 Microcontainer 10 Microcontainer 11 Sievinder 11 Microcontainer 12 Microcontainer 13 Sand bath No's 11 M			Operation : Motorised							\dashv
Laboratory Vanc Shear Apparatus Saitable for operation on 220 V, 50 Hz, Single Phase, AC supply. Container I No.Set of 4 Springs, (one cach of capacity 2 kg.cm., 4 kg.cm., 6 kg.cm and 8 ks.cm min) Sieve Shaker, Motorized, with Built-in Digital Timer, * A digital timer adjustable from 0-99 minutes is incorporated as an integral part of the equipment. - The Sieve Shaker can carry up to 8 sieves of 20cm diameter, also supplied with 30cm adaptor. It is driven by a ½ Hz geared motor. - The Sieve Tables is michaed from the vertical sax is and the direction of inclination changes repressively in the clockwise direction. In addition to the gyratory motion of the table, there is a tapping motion as well. Suitable for operation on 220 V, 50 Hz, Single Phase, AC supply. Upto 500g, and 3 kg No's 1 Electronic Balance Glass Glass Glass Glass Glass Glass Hard Casupply. Upto 500g, and 3 kg No's 5 Suitable for operation on 220 V, 50 Hz, Single Phase, AC digital dimer adjusted direction. In sidilition to the gyratory motion of the table, there is a tapping motion as well. Suitable for operation on 220 V, 50 Hz, Single Phase, AC accuracy: 9.01 Seconds No's 5 More accuracy: 9.01 Seconds No's 2 Motivation of the stable, there is a tapping motion as well. Suitable for operation on 220 V, 50 Hz, Single Phase, AC accuracy: 9.01 Seconds No's 2 Motivation of the stable, there is a tapping motion on the stable, ther			As per the IS:2720 (Part 30) with special motor,				1			ı
No. Scheen										١
Vane Shear Phase, AC supply. Container I No. Set of 4 Springs, and 8 ks_sem nin) Sieve Shaker, Motorized, with Built-in Digital Timer, * A digital timer adjustable from 0-99 minutes is incorporated as an integral part of the equipment. * The Sieve Shaker can carry up to 8 sieves of 20em diameter, also supplied with 30em adaptor. It is driven by a ¼ Fig. Beard motor. * The Sieve Table is inclined from the vertical axis and the direction of inclination changes progressively in the clockwise direction. In addition to the gyartory motion of the table, there is a tapping motion as well. Similar for operation on 220 V, 50 Hz, Single Phase, AC supply. * Dupto 500g, and 5 kg Dup		Laboratory	Rate of rotation: 1/60 rpm	1					ł	- 1
Apparatus	10	Mana Shear		No's	1				ļ	- 1
Conceasts of capacity 2 kg-cm, 4 kg-cm, 6 kg-cm and 8 kg-cm min)			Phase,						l	١
Interest Sieve Shaker Motorized, with Built-in Digital Timer. * A digital timer adjustable from 0-99 minutes is incorporated as an integral part of the equipment. * The Sieve Shaker can carry up to 8 sieves of 20cm diameter, also supplied with 30cm adaptor. It is driven by a ½ HP geared motor. * The Sieve Shaker can carry up to 8 sieves of 20cm diameter, also supplied with 30cm adaptor. It is driven by a ½ HP geared motor. * The Sieve Shaker can carry up to 8 sieves of 20cm diameter, also supplied with 30cm adaptor. It is driven by a ½ HP geared motor. * The Sieve Shaker can carry up to 8 sieves of 20cm diameter, also supplied with 30cm adaptor. It is driven by a ½ HP geared motor. * The Sieve Shaker can carry up to 8 sieves of 20cm diameter, also supplied with 30cm adaptor. * It is driven by a ½ HP geared motor. * The Sieve Shaker can carry up to 8 sieves of 20cm and 20cm 20cm 20cm 20cm 20cm 20cm 20cm 20cm			AC supply. Container 1 No. Set of 4 Springs,]	
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along the span of the beam. Abrasion Testing voltage 230, Power 100 Watt, 50 Hz, single No's 1 Phase AC Supply		Su uctural 120	known moment can be applied at various points		1				1	
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Testing voltage 230, Power 100 Watt, 50 Hz, single No's 1 Machine for Phase AC Supply		Abrasion					1			
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		Glezed Tile								

PP Mel 15/10/24 Ap 15-10.24

Flexure Strength Testing Machine	Flexure Testing Machine Electrically Operated, Material of Construction: Weight of the Load Frame: Min. 130kg Hydraulic System: With Min. 15 liters, hydraulic oil feed and fuel pump separately, 0.5 hp, 1 Ph, 220V AC motor driven two-speed hydraulic pump.Standard confirm to:- Conforms to IS 516 and IS: 14858, Machines conforming to ASTM C39.	No's	1				
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Ph 10124 Milliona 15.10.29