

CV RUNDWA TEKNIK

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NO.	TYPE	U R A I A N	Q'TY	HARGA SATUAN (Rp.)
1.	RS-110 A	HAND BOR	1 set	8.750.000
		<u>Consist of :</u>		
	RS-111	Drilling Rod Solid bar, 1 m length, 1 1/4" dia.	10 pcs	
	RS-112	Iwan Type Auger Welded steel, two radial blades, 4" dia.	1 pc	
	RS-113	Straight Chopping Auger Steel bar, hardened tip, 45 mm width	1 pc	
	RS-114	T-Piece Welded steel	1 pc	
	RS-115	Tube Adaptor Machine steel, with 3 clamping bolts	1 pc	
	RS-116	Turning Rod Machine steel, 1 1/4" dia, 60 cm length.	2 pcs	
	RS-117	Sampling Tube 68 mm dia, 40 cm length, with 3 bolt holes.	10 pcs	
	RS-118	Rod Head Hardened, machined steel, 2 1/2" dia	1 pc	
	RS-119	Parafin	2 kg	
	RS-120	Vertical Guide Machine Steel	1 pc	
	RG-739	Pipe Wrench, 24" Wrench	2 pcs	
	RG-902	Hammer, 5 kg weight	1 pc	
	RG-920	Steel Wire Brush Wooden handle	1 pc	
2.	RS-130 A	STANDARD PENETRATION TEST	1 set	23.000.000
		ASTM D-1586 / AASHTO T-206		
		<u>Consist of :</u>		
	RS-131	Split Barrel Sampler Hardened machined steel, 1 3/8" I.d; 18" length.	1 pc	
	RS-132	Sampling Rod Steel pipe, 1.5 m length.	20 pcs	
	RS-133	Drive weight Assembly		
		<u>Consist of :</u>		
	RS-133.1	Hammer Steel, 63.5 kg weight	1 pc	
	RS-133.2	Anvil Machine steel	1 pc	
	RS-133.3	Guide Rod Steel, 76.2 cm drop height.	1 pc	
	RS-134	Tripod Assembly		
		<u>Consist of :</u>		
	RS-134.1	Tripod Stand, Steel pipe	1 pc	
	RS-134.2	Pulley 20 cm dia.	1 pc	
	RS-134.3	Rope 3/4" dia x 15 mtr.	1 rol	
	RS-137	3/4" dia x 15 mtr. Machine steel.	1 pc	
	RG-739	Pipe Wrench 24" length.	2 pcs	

3.	RS-140	SAMPLE EXTRUDER manual	1 set	7.000.000	
4.	RS-145	SAMPLE EXTRUDER elektrik	1 set	11.500.000	
5.	RS-150	DYNAMIC CONE PENETROMETER <u>Consist of :</u>	1 set	3.000.000	
	RS-151	Handle Stainless steel	1 pc		
	RS-152	Hammer Machined steel, Painted, 8 kg weight	1 pc		
	RS-153	Guide Rod Stainless steel, 16 mm dia drop height 575 mm.	1 pc		
	RS-154	Anvil Machined steel, welded painted.	1 pc		
	RS-155	Penetration Rod Stainless steel, 16 mm dia, 107 length.	1 pc		
	RS-156	Cone Hardened tool steel cone tip, 60 deg. angle, 20 mm dia., stainless steel adaptor.	3 pcs		
	RS-157	Penetration Scale Stainless steel, 16 mm dia, 100 cm scale.	1 pc		
	RS-158	Carrying Bag Water proof cloth.	1 pc		
	RG-730 A	Open End Wrench Vanadium steel 12/13, 14/15.	2 pcs		
6.	RS-160	TUBE DENSITY SAMPLER ASTM D-2573	1 set	2.500.000	
	RS-161	<u>Consist of :</u> Hammer Machine steel, plated, 10 lbs sliding weight : 20" falling height.	1 set		
	RS-162	Sampling Tube Machine steel, plated, 2" i.d. 6.7" length.	12 pcs		

7.	RS-170	CORPS OF ENGINEER SOIL SURFACE SAMPLER ASTM D-2937	1 set	2.250.000
		<u>Consist of :</u>		
	RS-171	Hammer Machine steel, plated, 10 lbs sliding weight : 20 falling height.	1 set	
	RS-172	Sampling Tube Machine steel, plated, 3" i.d., 2-7/8" i.d., 2-13/16" length.	12 pcs	
8.	RS-200	DUTCH CONE PENETROMETER / SONDIR ASTM D-3441	1 set	30.000.000
		<u>Consist of :</u>		
	RS-201	Press-In Apparatus Steel construction, manually operated 2.5 tons capacity.	1 set	
	RS-202 A	Sounding Rod Machined steel, 32 mm o.d., 1 mtr effective length, tapered thread.	20 pcs	
	RS-203	Plunger Rod Round bar, 15 mm dia, 1 mtr length.	20 pcs	
	RS-204	Adaptor <u>Consist of :</u>		
	RS-204.1	Push Adaptor Machined steel.	1 pc	
	RS-204.2	Pull Adaptor Machined steel.	1 pc	
	RS-205	Spiral Anchor <u>Consist of :</u>		
	RS-205.1	Spiral Anchor Machined steel, welded 1.5 m length.	4 pcs	
	RS-205.2	Handle And T-piece Machined steel, welded.	1 set	
	RS-206 A	Mantel Cone Precision machine steel hardened tip, tapered thread.	1 pc	
	RS-207 A	Friction Cone Precision machine steel hardened, with friction jacket, tapered thread	1 pc	
	RS-208	Wrenches Set Pipe wrench (2), adjustable wrench (1), spanner wrench (1) allen key (1), screw driver (1), oil can (1), steel brush (1), piston wrench (1), seals tape (2), oil seals (2), steel box.	1 set	
	RS-209	Fasten press Beam Cannal. <u>Consist of :</u>		
	RS-209.1	Long Fasten Press 1.5 m length, 8 cm width.	2 pcs	
	RS-209.2	Short Fasten Press 1 m length, 12 cm width.	2 pcs	
	RG-671	Manometer 60 kg / cm2 capacity	1 pc	
	RG-673	Manometer 250 kg/cm2 capacity.	1 pc	



9.	RS-210	DUTCH CONE PENETROMETER / SONDIR	1 set	35.000.000
		ASTM D-3441		
		<u>Consist of :</u>		
	RS-211	Press-In Apparatus Steel construction, manually operated 5 tons capacity.	1 set	
	RS-202 A	Sounding Rod Machined steel, 32 mm o.d., 1 mtr effective length, tapered thread.	20 pcs	
	RS-203	Plunger Rod Round bar, 15 mm dia, 1 mtr length.	20 pcs	
	RS-204	Adaptor		
		<u>Consist of :</u>		
	RS-204.1	Push Adaptor Machined steel.	1 pc	
	RS-204.2	Pull Adaptor Machined steel.	1 pc	
	RS-205	Spiral Anchor		
		<u>Consist of :</u>		
	RS-205.1	Spiral Anchor Machined steel, welded 1.5 m length.	4 pcs	
	RS-205.2	Handle and T-piece Machined steel, welded.	1 set	
	RS-206 A	Mantel Cone Precision machine steel, hardened tip, tapered thread.	1 pc	
	RS-207 A	Friction Cone Precision machine steel, hardened, with friction jacket, tapered thread	1 pc	
	RS-208	Wrenches Set Pipe wrench (2), adjustable wrench (1), spanner wrench (1) allen key (1), screw driver (1), oil can (1), steel brush (1), piston wrench (1), seals tape (2), oil seals (2), steel box.	1 set	
	RS-219	Fasten Press Beam Cannal		
		<u>Consist of :</u>		
	RS-219.1	Long Fasten Press 1.5 m length, 8 cm width.	2 pcs	
	RS-219.2	Short Fasten Press 1 m length, 12 cm width.	2 pcs	
	RG-671	Manometer 60 kg / cm2 capacity.	1 pc	
	RG-675	Manometer 500 kg/cm2 capacity.	1 pc	
10.	RS-250	PLATE BEARING TEST SET	1 set	38.000.000
		ASTM D-1194 / AASHTO T-235		
		<u>Consist of :</u>		
	RS-251	Hydraulic Jack 30 tons capacity, manometer read out, hand operated.		
		<u>Consist of :</u>		
	RS-251.1	Manometer 6" dia, 30 tons capacity, 0.5 tons increment.	1 pc	
	RG-681	Hydraulic Cylinder 30 tons capacity.	1 pc	
	RG-691	Hydraulic Hand Pump Double action, 10.000 psi capacity.	1 pc	
	RG-699	Hydraulic Hose 10.000 psi, 180 cm length.	2 pcs	

	RS-252	Reference Beam Steel pipe, 2 x 150 cm span.	1 set	
	RS-253	Circular Bearing Plate 6" dia, machined steel, 1" thick.	1 pc	
	RS-254	Circular Bearing Plate 10" dia, machined steel, 1" thick.	1 pc	
	RS-255	Circular Bearing Plate 12" dia, machined steel, 1" thick.	1 pc	
	RS-256	Circular Bearing Plate 18" dia, machined steel, 1" thick.	1 pc	
	RS-257	Circular Bearing Plate 24" dia, machined steel, 1" thick.	1 pc	
	RS-258	Circular Bearing Plate 30" dia, machined steel, 1" thick.	1 pc	
	RS-259	Square Bearing Plate 12" x 12", machined steel, 1" thick.	1 pc	
	RG-137	Dial Indicator Range 30 x 0.01 mm	4 pcs	
	RG-140	Dial Holder Magnetic	4 pcs	
11.	RS-260	FIELD CBR TEST SET ASTM D-4429 <u>Consist of :</u>	1 set	14.000.000
	RS-261	Mechanical Jack Cast aluminium housing, 5 tons cap, hand operated, 2 speeds. <u>Consist of :</u>		
	RS-261.1	Mechanical Jack 5 tons capacity.	1 pc	
	RS-261.2	Swivel head Cast aluminium.	1 pc	
	RS-262	Field Penetration Piston Machine steel, plated, adjustable height. <u>Consist of :</u>		
	RS-262.1	Penetration Piston Machine steel, plated, 3 sq.in.cross section area.	1 pc	
	RS-262.2	Extension set Machined steel, plated, 5 cm, 10 cm, 20 cm, 30 cm, and 60 cm, provided with connecting adaptor.	1 set	
	RS-263	Reference Beam Steel pipe, 150 cm span.	1 set	
	RS-264	Circular Surcharge Weight Machine steel, plated, 10" dia, 10 lbs weight.	1 pc	
	RS-265	Slotted Surcharge Weight Machine steel, plated, 8" dia, 10 lbs weight.	1 pc	
	RS-266	Slotted Surcharge Weight Machine steel, plated, 8.5" dia, 20 lbs weight.	1 pc	
	RG-101/5	Proving Ring 2.000 lbs capacity.	1 set	
	RG-101/7	Proving Ring 10.000 lbs capacity.	1 set	
	RG-137	Dial Indicator Range 30 x 0.01 mm.	1 pc	
	RG-140	Dial holder Magnetic.	1 pc	

12.	RS-270	PROVING RING PENETROMETER	1 set	3.500.000
		<u>Consist of :</u>		
	RS-271	Penetration Rod Round bar, 51.5 CM/49 cm length with 5 cm increment lines.	2 pcs	
	RS-272	Penetration Cone Machine steel, hardened, plated, 1 sq. in cross section area, 30 deg. angle.	2 pcs	
	RS-273	Holder Alumunium handle.	1 pc	
	RS-274	Carrying Case Wooden case.	1 pc	
	RG-101/1	Proving Ring 100 kg capacity.	1 set	
	RG-730 A	Open End Wrench Vanadium steel.	2 pcs	
13.	RS-280	TVA PENETROMETER	1 set	6.500.000
		<u>Consist of :</u>		
	RS-281	Penetration Rod and Chamber Steel pipe, 65 cm length with hydraulic chamber.		
	RS-281.1	Penetration Rod Round bar, 40 cm length.	2 pcs	
	RS-281.2	Hydraulic Chamber Machine steel, 100 kg cap.	1 pc	
	RS-282	Penetration Needle Machine steel, hardened, tip 0.5, 1.0, 2.0, 3.0 sq. cm. cross section area.	1 set	
	RS-283	Holder Alumunium handle.	1 pc	
	RS-284	TVA Manometer 100 kg capacity.	1 pc	
	RS-285	Carrying Case Wooden case.	1 pc	
	RG-730 A	Open End Wrench Vanadium steel.	2 pcs	
14.	RS-310	LIQUID LIMIT TEST SET	1 set	3.500.000
		ASTM D-4318 / AASHTO T-89		
		<u>Consist of :</u>		
	RS-311	Liquid Limit Device Hand operated, brass cup, hard rubber base.	1 set	
	RS-312	ASTM Grooving Tool Machine steel, head gauge.	1 pc	
	RS-313	Cassagrande Grooving Tool Brass plate.	1 pc	
	RG-390	Thin Box Alumunium, 60 gr capacity.	12 pcs	
	RG-396	Glass Plate Glass, 10 mm thick, 30 x 30 cm.	1 pc	
	RG-402	Graduated Cylinder 100 ml capacity.	1 pc	
	RG-501	Porcelain Dish 12 cm dia, 250 ml capacity	1 pc	
	RG-820	Spatula 150 mm blade.	1 pc	
	RG-825	Scraper 100 mm blade.	1 pc	

15.	RS-311 A	LIQUID LIMIT DEVICE ASTM D-4318 / AASHTO T-89	1 set	2.750.000	
		Hand operated, brass cup, hard rubber base provided with counter. Berfungsi untuk menentukan kadar air tanah pada batas cair dengan cara Cassagrande yang akan digunakan untuk menentukan sifat dan klasifikasi tanah.			
16.	RS-311 B	LIQUID LIMIT DEVICE (ELECTRIC) ASTM D-4318 / AASHTO T-89 Electric, 220 V-AC, brass cup, hard rubber base, provided with counter. Berfungsi untuk menentukan kadar air tanah pada batas cair dengan cara Cassagrande yang akan digunakan untuk menentukan sifat dan klasifikasi tanah.	1 set	4.500.000	
17.	RS-315	PLASTIC LIMIT TEST SET ASTM D-4318 / AASHTO T-90	1 set	750.000	
	RS-316	<u>Consist of :</u> Plastic Limit Plate Glass made.	1 pc		
	RS-316.1	<u>Consist of :</u> Reference Rod Stainless steel rod, 3.2 mm dia.	1 pc		
	RG-396	Glass Plate Glass, 10 mm thick, 30 x 30 cm.	12 pcs		
	RG-390	Thin Box Alumunium 60 gr capacity.	1 pc		
	RG-402	Graduated Cylinder 100 ml capacity.	1 pc		
	RG-501	Porcelain Dish 12 cm dia, 250 ml capacity.	1 pc		
	RG-820	Spatula 150 mm blade.	1 pc		
	RG-825	Scraper 100 mm blade.	1 pc		
18.	RS-320	SHRINKAGE LIMIT TEST SET ASTM D-427 / AASHTO T-92	1 set	3.000.000	
	RS-321	<u>Consist of :</u> Prong Plate 3 mm hard plastic, 3 needles.	1 pc		
	RS-322	Monel Shrinkage Dish Flat bottom, 40 mm dia, 12 mm height approx.	1 pc		
	RS-323	Cristalizing Dish Glass made.	1 pc		
	RS-323.1	<u>Consist of :</u> Dish 5 cm dia approx.	1 pc		
	RS-323.2	Overflow Dish 9 cm dia approx.	1 pc		
	RS-324	Mercury Bottled.	1 kg		
	RG-396	Glass Plate	1 pc		
	RG-390	Thin Box	12 pcs		
	RG-402	Graduated Cylinder 100 ml capacity.	1 pc		
	RG-501	Porcelain Dish 12 cm dia, 250 ml capacity.	1 pc		
	RG-820	Spatula 150 mm blade.	1 pc		
	RG-825	Scraper 150 mm blade.	1 pc		

19. RS-330 A	HYDROMETER ANALYSIS TEST SET ASTM D-422 / AASHTO T-88	1 set	8.500.000
	<u>Consist of :</u>		
RS-331	Hydrometer A (152 H)	1 pc	
	Glass, stream line, range 0 - 60 gr soil/ ltr.	1 pc	
RS-332	Hydrometer B (151 H)	1 pc	
	Glass, stream line, range 0.995-1.038	1 pc	
RS-333	Mechanical Stirrer	1 pc	
	Electric, 220 volt, cast aluminium frame, 10.000 rpm.	1 pc	
RS-334	Dispersion Cup	1 pc	
	Stainless steel, brass baffles.	1 pc	
RS-335	Hydrometer Jar Bath	1 pc	
	Steel sheet, fibre glass coated, temperature control.	1 pc	
	<u>Consist of :</u>		
RS-335.1	Bath	1 pc	
	Steel sheet, fibre glass coated, 60 x 30 x 40 cm.	1 pc	
RS-335.2	Water Heater	1 pc	
	Electric, range ambient to 60 deg. C	1 pc	
RS-336	Dispersion Agent	1 kg	
	<u>Consist of :</u>		
RS-336.1	Sodium Hexa	1 kg	
	Bottled, powder.	1 kg	
RS-336.2	Water Glass	3 pcs	
	Bottled, liquid.	1 pc	
RS-337	Hydrometer Jar	1 pc	
	Glass, 1000 ml capacity.	1 pc	
RG-405	Graduated Cylinder	1 pc	
	1000 ml capacity.	1 pc	
RG-600	Thermometer		
	Range 0 - 50 deg.C		
20. RS-338	Mechanical end Over end Shaker BS-1377 Electric, 220 V/50Hz/1 Ph/50 RPM.	1 set	6.000.000
			
21. RS-339 A	Vacuum Stand 6 flask capacity, supplied with vacuum pump.	1 set	15.500.000
			

22.	RS-340	SPECIFIC GRAVITY (HEATING METHOD) ASTM D-854 / AASHTO T-100 <u>Consist of :</u> Hot Plate Electric, 220 Volt. Asbestos Wire Gauze 15 x 15 cm. Mixing Bowl Stainless steel, 250 mm dia. Density Bottle 100 ml capacity. Funnel Glass. Wash Bottle 250 ml capacity. Thermometer Range 0 - 100 deg.C	1 set	3.750.000		
23.	RS-340 A	SPECIFIC GRAVITY (VACUUM METHOD) ASTM D-854 / AASHTO T-100 <u>Consist of :</u> Vacuum Stand Wooden base, steel pipe column, 2 valves. Mixing Bowl Stainless steel, 250 mm dia. Graduated Cylinder 500 ml capacity. Volumetric Flask 500 ml capacity, vacuum. Funnel Glass, wide mouth. Wash Bottle 250 ml capacity. Pipette Glass, 5 ml capacity. Thermometer Range 0 - 50 deg.C Vacuum Manometer 4" dia., 0 - 76 cm HG. Vacuum Pump Rotary pump.	1 set	9.750.000		
	RS-341		1 set			
	RG-363		1 pc			
	RG-404		1 pc			
	RG-412 A		2 pcs			
	RG-473		1 pc			
	RG-521		1 pc			
	RG-530		1 pc			
	RG-600		1 pc			
	RG-679		1 pc			
	RG-680		1 pc			
24.	RS-340 B	SPECIFIC GRAVITY (VACUUM METHOD) ASTM D-854 / AASHTO T-100 <u>Consist of :</u> Vacuum Hose Plastic hose with rubber bung, 1 valve. Mixing Bowl Stainless steel, 250 mm dia. Graduated Cylinder 500 ml capacity. Erlenmeyer Flask 500 ml capacity. Funnel Glass, wide mouth. Wash Bottle, 250 ml capacity. Pipette Glass, 5 ml capacity. Thermometer Range 0 - 50 deg.C. Vacuum Manometer 4" dia., 0 - 76 cm HG. Vacuum Pump Rotary Pump.	1 set	8.250.000		
	RS-342		1 set			
	RG-363		1 pc			
	RG-404		1 pc			
	RG-432 A		1 pc			
	RG-473		1 pc			
	RG-521		1 pc			
	RG-530		1 pc			
	RG-600		1 pc			
	RG-679		1 pc			
	RG-680		1 pc			

25. RS-350	COMPACTION TEST SET ASTM D-698/D-1557; T-99/ T-280.	1 set	6.500.000
	<u>Consist of :</u>		
RS-351	Standard Proctor Mold Machine steel, plated, 4" i.d., 4.584" height, 2" height of collar.	1 pc	
RS-352	Modified Proctor Mold Machine steel, plated, 6" i.d., 4.584" height, 2" height of collar.	1 pc	
RS-353	Standard Proctor Hammer Machine steel, plated, 12" drop height, 5,5 lbs weight.	1 pc	
RS-354	Modified Proctor Hammer Machine steel, plated, 18" drop height, 10 lbs weight.	1 pc	
RS-355	Extruder Steel frame, hydraulic jack.	1 set	
RG-303	Square Pan Galvanized steel 65 x 65 x 7.5 cm.	1 pc	
RG-390	Thin Box Alumunium, 60 gr capacity.	12 pcs	
RG-405 A	Graduated Cylinder Plastic, 1.000 ml capacity.	1 pc	
RG-801	Scoop Cast Alumunium.	1 pc	
RG-871	Trowel Pointed type.	1 pc	
RG-890	Straight Edge 30 cm length.	1 pc	
RG-900	Rubber Mallet Wooden handle.	1 pc	
RG-920	Steel Wire Brush Wooden handle.	1 pc	
26. RS-360 A	LABORATORY CBR TEST SET ASTM D-1883 / AASHTO T-193	1 set	22.000.000
	<u>Consist of :</u>		
RS-361 A	Electrical Loading Machine Electric, 220 V-AC, 1/2 HP, 1 Phase, speed 0.05"/min reversing switch 10.000 lbs capacity.	1 set	
RS-362	CBR Mold Machine steel, 6" i.d, 7" height, 2" height of collar.	3 pcs	
RS-363	Spacer Dish Machine steel, 5 15/16" dia, 2.416" height.	1 pc	
RS-364	Cutting Edge Machine steel, sharp edge.	1 pc	
RS-365	Circular Surcharge Weight Machine steel, 5 7/8" dia 5 lbs weight.	3 pcs	
RS-366	Slotted Surcharge Weight Machine steel, 5 7/8" dia 5 lbs weight.	3 pcs	
RS-354	Modified Proctor Hammer Machine steel, plated, 18" drop height, 10 lbs weight.	1 pc	
RS-367	Swell Plate	1 pc	
RS-368	Swell Tripot	1 pc	
RS-369	Filter Paper 6" dia., 100 sheets/box.	1 box	

	RG-101/6	Proving Ring 6.000 lbs capacity.	1 set	
	RG-131	Dial Indicator Range 0.01" x 1".	1 pc	
	RG-303	Square Pan Galvanized steel, 65 x 65 x 7.5 cm.	1 pc	
	RG-390	Thin Box Alumunium, 60 gr capacity.	12 pcs	
	RG-405 A	Graduated Cylinder Plastic, 1000 ml capacity.	1 pc	
	RG-801	Scoop Cast alumunium.	1 pc	
	RG-871	Trowel Pointed type.	1 pc	
	RG-890	Straight Edge 300 mm length.	1 pc	
27.	RS-360 B	LABORATORY CBR TEST SET ASTM D-1883 / AASHTO T-193	1 set	16.500.000
		<u>Consist of :</u>		
	RS-361 B	Mechanical Loading Machine Steel frame, hand operated, two speeds, 10.000 lbs capacity.	1 set	
	RS-362	CBR Mold Machine steel, 6" i.d, 7" height, 2" height of collar.	3 pcs	
	RS-363	Spacer Dish Machine steel, 5 15/16" dia, 2.416" height.	1 pc	
	RS-364	Cutting Edge Machine steel, sharp edge.	1 pc	
	RS-365	Circular Surcharge Weight Machine steel, 5 7/8" dia 5 lbs weight.	3 pcs	
	RS-366	Slotted Surcharge Weight Machine steel, 5 7/8" dia 5 lbs weight.	3 pcs	
	RS-354	Modified Proctor Hammer Machine steel, plated, 18" drop height, 10 lbs weight.	1 pc	
	RS-369	Filter Paper 6" dia., 100 sheets/box.	1 box	
	RG-101/6	Proving Ring 6.000 lbs capacity.	1 set	
	RG-131	Dial Indicator Range 0.01" x 1".	1 pc	
	RG-303	Square Pan Galvanized steel, 65 x 65 x 7.5 cm.	1 pc	
	RG-390	Thin Box Alumunium, 60 gr capacity.	12 pcs	
	RG-405 A	Graduated Cylinder Plastic, 1000 ml capacity.	1 pc	
	RG-801	Scoop Cast alumunium.	1 pc	
	RG-871	Trowel Pointed type.	1 pc	
	RG-890	Straight Edge 300 mm length.	1 pc	

28. RS-370	COMBINATION PERMEAMETER ASTM D-2434 / AASHTO T-215	1 set	4.500.000
	<u>Consist of :</u>		
RS-371	Sample Chamber Transparent fibre glass, 2 1/2" i.d, 8" height, compressive spring, cast aluminium body.	1 set	
RS-372	Funnel Plastic, wide mouth, with over flow.	1 pc	
RS-373	Frame Aluminium.	1 pc	
RS-374	Porous Stone 2 1/2" diameter.	2 pcs	
RG-375	Burette 50 ml capacity.	1 pc	
RG-402	Graduated Cylinder 100 ml capacity.	1 pc	
RG-700	Stop Watch 60 sec sweep.	1 pc	
			
29. RS-390 A	COMPACTION PERMEAMETER TEST SET	1 set	5.500.000
	<u>Consist of :</u>		
RS-390	Compaction Permeameter 1/30 cu. ft. mold, 4" i.d, inlet-outlet connector, overflow valve, porous stone.	1 set	
RS-391	Frame Cast aluminium base, aluminium column, 3 burette (5, 10, 15 mm diameter)	1 set	
RG-402	Graduated Cylinder 100 ml capacity.	1 pc	
RG-700	Stop Watch 60 sec. sweep.	1 pc	
			
30. RS-395 A	COMPACTION PERMEAMETER TEST SET	1 set	6.250.000
	<u>Consist of :</u>		
RS-395	Compaction Permeameter 1/13.33 cu. ft. mold , 6" i.d, inlet-outlet connector, overflow valve, porous stone.	1 set	
RS-391	Frame Cast aluminium base, aluminium column, 3 burette (5, 10, 15 mm diameter).	1 set	
RG-402	Graduated Cylinder 100 ml capacity.	1 pc	
RG-700	Stop Watch 60 sec. sweep.	1 pc	
			
31. RS-400	SAND CONE TEST SET	1 set	2.500.000
	ASTM D-1556 / AASHTO T-191		
	<u>Consist of :</u>		
RS-401	Sand Cone Bottle Plastic, 4 ltr. cap. approx.	1 pc	
RS-402	Sand Cone Funnel Seamless metal, turning stopper, 6 1/2" dia bottom, 1/2 neck dia.	1 pc	
RS-403	Base Plate Cast aluminium, 12" x 12".	1 pc	
RS-404	Graduated Sand Uncemented sand, passing # 10, retained # 60, 25 kg capacity.	1 zak	
RG-380	Sample Can Round can, tinned metal.	6 pcs	
			

	RG-801	Scoop Cast aluminium.	1 pc	
	RG-861	Spoon Stainless steel.	1 pc	
	RG-871	Trowel Pointed type.	1 pc	
	RG-880	Chisel Hardened type.	1 pc	
	RG-900	Rubber Mallet Wooden handle, 0,5 kg weight	1 pc	
32.	RS-430	SPEEDY MOISTURE TESTER AASHTO T-217 Consist of :	1 set	6.000.000
	RS-432	Speedy Gauge M/C range 0-20 %, sens. : 0.2 %, sample weight 20 gr.	1 pc	
	RS-434	Speedy Balance Brass beam, Cast aluminium frame, 10 gr counter balance.	1 pc	
	RS-435	Calcium Carbide Calcium Carbide.	1 can	
	RS-436	Measuring Spoon Cast Aluminium.	1 pc	
	RS-437	Crushing Ball Steel ball.	2 pcs	
	RS-438	Cleaning Brush Wooden/plastic Holder.	1 pc	
	RS-439	Carrying Case Wooden case with handle.	1 pc	
				
33.	RS-450	MOISTURE CONTENT TEST SET Consist of :	1 set	18.000.000
	RG-150	Cent O-Gram Balance "CHINA" 311 gr cap., 0.01 gr sens.	1 pc	
	RG-174	Drying Oven LOKAL 53 ltr. capacity, internal dimension (l x w x h) 400 x 400 x 330 mm 220 V, 1400 W.	1 pc	
	RG-390	Thin Box Aluminium, 60 gr capacity.	12 pcs	
	RG-451	Dessicator Transparent glass, 24 cm dia, approx	1 pc	
				
34.	RS-500	UNCONFINED COMPRESSION MACHINE ASTM D-2166 / AASHTO T-208 Consist of :	1 set	11.500.000
	RS-501	Unconfined Compression Machine Cast aluminium, gear box, adjustable height of top platen, hand operated 200 Kg capacity.	1 set	
	RS-502	Sample Tubes		
	RS-502.1	Sample Tubes 35.0 mm dia x 70 mm height	1 pc	
	RS-502.2	Sample Tubes 47.5 mm dia x 95 mm height	1 pc	
	RS-502.3	Sample Tubes 70.0 mm dia x 140 mm height	1 pc	
	RS-503	Split Sample Tubes	1 pc	
	RS-503.1	Split Sample Tubes 35.0 mm dia x 70 mm height	1 pc	
	RS-503.2	Split Sample Tubes	1 pc	
	RS-503.3	Split Sample Tubes 70.0 mm dia x 140 mm height	1 pc	
				

RS-504	Extruder <u>Consist of :</u>	1 pc	
RS-504.1	Extruder 34.5 mm dia x 71 mm height	1 pc	
RS-504.2	Extruder 47.0 mm dia x 96 mm height	1 pc	
RS-504.3	Extruder 69.5 mm dia x 141 mm height	1 pc	
RS-505	Trimmer Steel frame, 3 tubes size	1 set	
RG-101/1	Proving Ring 100 kg capacity	1 set	
RG-137	Dial Indicator Range 30 mm x 0.01 mm	1 pc	
RG-390	Thin Box Alumunium, 60 gr capacity	12 pcs	
RG-840	Wire Saw 10 cm length approx	1 pc	
35. RS-500 A	UNCONFINED COMPRESSION MACHINE ASTM D-2166 / AASHTO T-208	1 set	14.000.000
RS-501A	<u>Consist of :</u> Unconfined Compression Machine Electric, 220 V-AC, 200 W, variable speed, adjustable height.	1 set	
RS-502	Sample Tubes <u>Consist of :</u>		
RS-502.1	Sample Tubes 35.0 mm dia x 70 mm height	1 pc	
RS-502.2	Sample Tubes 47.5 mm dia x 95 mm height	1 pc	
RS-502.3	Sample Tubes 70.0 mm dia x 140 mm height	1 pc	
RS-503	Split Sample Tubes <u>Consist of :</u>	1 pc	
RS-503.1	Split Sample Tubes 35.0 mm dia x 70 mm height	1 pc	
RS-503.2	Split Sample Tubes 47.5 mm dia x 95 mm height	1 pc	
RS-503.3	Split Sample Tubes 70.0 mm dia x 140 mm height	1 pc	
RS-504	Extruder <u>Consist of :</u>	1 pc	
RS-504.1	Extruder 34.5 mm dia x 71 mm height	1 pc	
RS-504.2	Extruder 47.0 mm dia x 96 mm height	1 pc	
RS-504.3	Extruder 69.5 mm dia x 141 mm height	1 pc	
RS-505	Trimmer Steel frame, 3 tubes size	1 set	
RG-101/1	Proving Ring, 100 kg capacity	1 set	
RG-137	Dial Indicator Range 30 mm x 0.01 mm	1 pc	
RG-390	Thin Box Alumunium, 60 gr capacity	12 pcs	
RG-840	Wire Saw 10 cm length approx	1 pc	

36.	RS-515	CONSOLIDATION TEST SET ASTM D-2435 / AASHTO T-216	1 set	15.000.000
	RS-516	Consolidation Frame <u>Consist of :</u>		
	RS-516.1	Frame Cast aluminium, two test unit.	1 set	
	RS-516.2	Loading set Three alternative lever arm 1:9, 1:10, 1:11	2 set	
	RS-517	Consolidometer Brass, 50.5 mm sample dia., porous stone loading capacity.	2 set	
	RS-518	Loads <u>Consist of :</u>		
	RS-518.1	Load, 500 gr	4 pcs	
	RS-518.2	Load, 1000 gr	2 pc	
	RS-518.3	Load, 2000 gr	2 pc	
	RS-518.4	Load, 4000 gr	2 pc	
	RS-518.5	Load, 8000 gr	2 pc	
	RS-519	Sample Tube Machine steel, 50.5 mm dia. galvanized, with extruder.	1 set	
	RG-135	Dial Indicator Range 10 mm x 0.01 mm	2 pcs	
	RG-840	Wire Saw 10 cm length approx.	1 pc	
37.	RS-525	DIRECT SHEAR TEST SET ASTM D-3080 / AASHTO T-236	1 set	14.500.000
	RS-526	Loading Machine <u>Consist of :</u>		
	RS-526.1	Frame Welded steel frame hand operated.	1 pc	
	RS-526.2	Loading Hanger Machine steel, galvanized, supplied without load	1 pc	
	RS-527	Shear Box Cast aluminium box, 63.5 mm sample dia porous stone, loading capacity.	1 set	
	RS-523	Loads Slotted, machine steel, galvanized. <u>Consist of :</u>		
	RS-523.1	Load, 3167 gr weight	2 pcs	
	RS-523.2	Load, 6334 gr weight	1 pc	
	RS-524	Sample Tube Machine steel, 63.5 mm dia., galvanized, with extruder.	1 set	
	RG-101/1	Proving Ring, 100 kg capacity.	1 pc	
	RG-135	Dial Indicator, Range 10mm x 0.01mm.	1 pc	
	RG-136	Dial Indicator, Range 20mm x 0.01mm.	1 pc	
	RG-840	Wire Saw, 10 cm length approx.	1 pc	

38	RS-600	TRIAXIAL TEST SET ASTM D-2850 <u>Consist of :</u> Triaxial electromotor 1000 kg capacity Proving ring 200 kg capacity Dial deformation 20 mm Triaxial cell for sample 38 mm & 50 mm Volume change Pore water pressure Vacuum pump Water tank Air compressor 8 kg/cm ² 220 v Sample preparation Triaxial Compression Machine 1 ton Variable switch, hand operated and Motorized operated 220 v Load Measuring 300 kgf (include calibration certificate) Displacement measuring Dial Gauge 30 x 0.01 mm Control panel Assembled measruing pore pressure 10 kg/cm ² digital system, Cell pressire 10 kg/cm ² , Back pressure 10 kg/cm ² (Manometer system), Constant Pressure Unit Air Regulator, Bottom Water Tank, Vacuum Tank Air Compressor 5 kg/cm ² 220 v O-Ring Placing tool 35 / 50 mm Suction membrane device 35 / 50mm 1 pcTwo ways split former dia 35 / 50 mm Sample Tube dia. 35 / 50 mm and extruder Rubber membrane 35 / 50 mm Membrane sealing ring 35 / 50 mm	1 unit 1 set 1 pc 1 set 2 set 1 set 1 unit 2 set 1 set 1 set 1 set 1 set 1 set 1 set 1 set 1 pc 1 pc 1 set 10 pcs 4 pcs	80.000.000 
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