

OFFICE OF THE CHIEF ENGINEER (SS), PWD, RAJASTHAN, JAIPUR
No: SE(SS)/Q.C/ 81 Date: 9/8/11

Additional Chief Engineer
PWD zone(All)

Sub: Establishment/ verification of field laboratory.

Ref: This office letter no. SE(SS)/Q.C/D-137 dated 19.07.2011.

Sir,

In continuation to above reference kindly find enclosed herewith modified list of equipments for Road and Building works to be kept in district lab as well as field lab for necessary action.

Enclosure : As above


Superintending Engineer (SS)
PWD Rajasthan, Jaipur

No. SE(SS)/Q.C/ 81

Date 9/8/11

Copy submitted/ Forwarded to following for information & necessary action.

1. PS to Hon'ble PWM, Rajasthan, Jaipur.
2. PS to Principal Secretary, PWD Rajasthan, Jaipur
3. PS to Secretary, PWD Rajasthan, Jaipur
4. Chief Engineer & Addl. Secretary, PWD Rajasthan, Jaipur.
5. Chief Engineer NH/PMGSY/Road, PWD Rajasthan, Jaipur
6. Superintending Engineer, PWD Circle.....(All)
7. Executive Engineer PWD Division.....(All)
8. Executive Engineer Quality Control Division..... (All)


Superintending Engineer (SS)
PWD Rajasthan, Jaipur

PART (A) : (ROAD WORKS)

Status of equipments

S. No.	Equipments required	Quantity (Nos)	Availability (Nos)	Likely date of procurement if not available	Remarks
1	Sieves set 90-5.6mm (Total 19 Sieves)	1 Set			
2	Brass sieves set 4.75-0.075mm	1 Set			
3	Pan Balanace 10 Kg capacity	1			
4	Sand Replacement app. For F.D.	1			
5	Core cutter for F.D. with Gennator, Slicer complete set	1			
6	Atturburges limit app For P.I.	1			
7	F.I. gauge	1			
8	Impact testing machine	1			
9	Rapid moisture meter	1			
10	Moisture containers	12			
11	Eletronic Balance	1			
12	Bitumen Extraction app.	1			
13	Thermometer	10			
14	Bitumen Emulsaion testing equipments	1 Set			
15	Concrete moulds with tamping rod 15x15x15 cm	12			
16	Mortar moulds with tamping rod 5x5x5 cm	24			
17	Compressive Testing machine 5 ton capacity	1			
18	Compressive Testing machine 100 ton capacity	1			
19	Enamelled trays	6			
20	Slump cone apparatus	1			
21	Core cutting machine	1			
22	Elongation test equipments	1			
23	Vicals app. For Cement test	1			
24	Field oven	1			
25	Bitumen testing equipments				
	(i) Penetration	1			
	(ii) Ductibility	1			
	(iii) Viscocity	1			
	(IV) Flash & Fire	1			
	(V) Softening test	1			
26	Proctor Mould & Rammer	2			
27	Benkel Man Beam	1			
28	S.P.T	1			
29	Rougho meter	1			
30	Enamelled Bowls	12			
31	C.B.R. Moulds	6			
32	Load frame for C.B.R.	1			

PART (B) BUILDING WORKS

Status of equipments

S. No	Equipments required	Quantity (Nos)	Availability (Nos)	Likely date of procurement if not available	Remarks
1	Concrete moulds with tamping rod 15x15x15 cm	12 No			
2	Mortar moulds with tamping rod 5x5x5 cm	16 No			
3	Compressive Testing machine 5 ton capacity	1 No			
4	Compressive Testing machine 100 ton capacity	1 No			
5	Sieve set 100-4.75mm	1 No Set			
6	Brass sieves set 4.75-0.075mm	1 No Set			
7	Electronic Balance 50 Gram Capacity	1 No			
8	Electronic Balance 5 Kg Capacity	1 No			
9	Slump Apparatus	1 No			
10	test trays	12 No			
11	Vicat app. For Cement test	1 No			
12	Moulds for 50 Sq. cm. area for cement	6 No			
13	Vibrating Machine for Cement test	1 No			

Working Platform / Curing tank status :

Enclosed : Photos - Nos :

Executive Engineer Executive Engineer Testing Officer

P.W.D.Dn..... Engineer of Contractor. S.I.& Q.C. Dn. PWD PWD Zone

(Name.....) (Name.....) (Name.....) (Name.....)

(Counter signed)

Superintending Engineer

PWD Circle.....