

T.S ENGINEERING RESEARCH LABORATORIES
HIMAYATSAGAR , HYDERABAD - 500 030
SOIL MECHANICS LABORATORY
SCHEDULE OF RATES FOR THE YEAR 2015 - 16

S.No	PARTICULARS OF TESTS	RATE PER TEST FOR GOVT. DEPARTMENTS IN RS.	RATE PER TEST FOR COMMERCIAL DEPARTMENTS IN RS.	RATE PER TEST FOR NON-GOVT.BODIES AND PRIVATE INDIVIDUALS IN RS.
1	2	3	4	5
	LABORATORY TESTS			
1	GRAIN SIZE ANALYSIS (Seive and Hydrometer)	985	1080	1125
2	ATTERBERG LIMITS(LL,PL & SL)	1480	1580	1630
3	SPECIFIC GRAVITY	815	880	920
4	RAPID MOISTURE METER	550	640	685
5	DIFFERENTIAL FREE SWELL INDEX	360	425	470
6	DRY DENSITY & OMC			
	a)PROCTOR'S ORDINARY	1460	1545	1595
	b)PROCTOR'S MODIFIED	2920	3020	3070
7	PERMEABILITY (FALLING HEAD METHOD)	980	1065	1115
8	FIELD DENSITY ON 38mm DIA. SAMPLES	320	405	455
9	FIELD DENSITY ON 100mm DIA. SAMPLES	425	510	560
10	UNCONFINED COMPRESSION TEST	610	710	755
11	BOX SHEAR TEST			
	a)SHEAR PARAMETERS BY DIRECT SHEAR TEST(QUICK TEST)	1520	1665	1715
	b)BIG BOX SHEAR TEST	8190	8750	8815
12	SHEAR PARAMETERS FROM UNCONSOLIDATED UNDRAINED TRIAXIAL TEST(ONE VALUE OF C & PHI)	2090	2315	2365
13	SHEAR PARAMETERS BY TRIAXIAL TEST(CONSOLIDATED UNDRAINED TEST WITH PORE PRESSURE MEASUREMENTS)	16940	19430	19455
14	CONSOLIDATION TEST (ODOMETER)	12505	13255	13285
15	SWELL PRESSURE	12540	13320	13350
16	LAB VANE SHEAR TEST	975	1060	1110
17	LAB CALIFORNIA BEARING RATIO TEST	6020	6315	6360
18	BEARING CAPACITY COMPUTATION	360	405	430
19	COMPILATION OF TEST CHARGES (STATIONERY, TYPING & POSTAGE ETC)	300	300	300

FIELD TESTS				
20	COLLECTION OF DISTURBED AND UNDISTURBED SOIL SAMPLES			
	38/100mm DIA. SAMPLES	6810	7895	7945
21	DRILLING BY HAND BORING SET 100 mm DIA.& 150 mm DIA. BORE HOLES	7375	8070	8125
	a) FOR EACH "SPT" TEST ADD RS.850/- i.e APPROX 1/10th OF COST OF "SPT" SAMPLER FOR SOFT TO HARD SOILS			
	b) FOR EACH COLLECTION OF DISTURBED AND UNDISTURBED SOIL SAMPLES ADD RS.300/-			
22	DYNAMIC CONE PENETRATION TEST	7610	8540	8600
23	DRILLING BY NATIONAL BORING MACHINE 75mm DIA. BORE HOLES	7575	8470	8525
24	FIELD PERMEABILITY IN SOILS(JAPANESE METHOD)	4875	4975	5015
25	FIELD PERMEABILITY IN SOILS(OVER BURDEN)	6110	6500	6545
26	FIELD PERMEABILITY IN ROCKS	7070	8420	8465
27	FIELD ROCK SHEAR TEST	8105	9535	9590
28	FIELD VANE SHEAR TEST	7030	7380	7435
29	SUB SURFACE SOUNDING STATIC CONE PENETROMETER	7370	8060	8115
30	PLATE LOAD TEST/CYCLIC LOAD TEST ON SOIL FOUNDATION	6520	7315	7365
31	CALIFORNIA BEARING RATIO TEST(FIELD)	7505	8335	8390
32	INSPECTION OF OFFICERS PER DAY EXCLUDING CONVEYANCE			
	a) RESEARCH OFFICER	3210	3210	3210
	b)ASST. RESEARCH OFFICER	2765	2765	2765
	c)RESEARCH ASSISTANT	2395	2395	2395
ROCKS				
33	TRIAxIAL SHEAR TEST ON ROCK CORE SAMPLES	7610	8540	8600
34	SLAKE DURABILITY TEST	6900	7115	7175

NOTE:-

- 1) ALL THE RATES ARE ROUNDED OFF TO THE NEXT FIVE RUPEES SLAB
- 2) ALL THE ABOVE RATES ARE APPROVED BY THE CHIEF ENGINEER/ Tserl Dt:21.04.2016
- 3) ALL RATES ARE WORKED OUT BASED ON THE PAY SCALES OF VARIOUS CADRES AS PER THE PRC - 2015 AND WILL BE VALID TILL THE IMPLEMENTATION OF THE NEXT PAY REVISION COMMISSION FOR THE EMPLOYEES.