

Conducting of soil bearing capacity test for construction of Library, MBA and Mass communication deptt. Building in the University.

S No.	Description of Work	Qty.	Unit	Rate	Amount
1.	Mobilization of all equipments, personnel, Drilling equipment, machine etc and all gauges and reaction loading arrangements to the site loading & Unloading of the same and removal from site as per direction of engineer in charge	1	Each		
2.	Conducting standard penetration test as per IS2131-1981 including providing labour and material , drilling machine pump with accessories for carrying out soil investigation report which also includes taking disturb sample alongwith penetration resistance at 1.5 meter interval taking undisturb sample at appropriate interval or at every change of strata which occurs earlier performing atterbergs limit , sieve analysis on disturb sample and shear test , consolidation test moisture content, dry density, bulk density void ratio specific gravity and other relevant test on soil sample as per direction of Engineer-in-charge submitting filled up profile (if any) etc, net safe/allowable bearing capacity at depth decided by the engineer-in-charge. Preparation and submission of detailed soil investigation report in three copies. A) Bore hole depth up to 30 m or refusal which ever occurs earlier	90.00	Meter		
3.	Conducting load testing on soil in accordance with IS:1888-1982 or as per IS 9214-1979 including installation of loading platform and preparation of head for testing . Dismantling the same after completion of test as per direction Engineer -In-Charge. Analysis K (modulus of subgrade reaction) Value by test on 45.0cm dia circular plate. A) Performing K value test at 1.5 m depth or above water table which is earlier	1	Each		
	Total				
	GST @ 18%				

