

**CONSULTANCY SERVICES FOR THE CONSTRUCTION OF RESIDENTIAL BUILDING FOR HONORABLE JUDGES OF
GB CHIEF COURT AT GILGIT
GEOTECHNICAL INVESTIGATIONS
BILL OF QUANTITIES**

Sr. No.	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
A.	FIELD INVESTIGATIONS				
A1	Excavation of: (i) Five (05) testpits up to a maximum depth of 1.5 m below NSL at internal road and parking location, including backfilling of pits to original condition.	L.M.	7.5		
A2	Excavation of: (ii) Twelve (12) testpits up to a maximum depth of 3.0 m below NSL at Single/Double storey structure location, main court building and OHWT including backfilling of pits to original condition.	L.M.	36		
A3	Excavation of: (iii) Further excavation of three (03) testpits from 3.0 to 6.0 m depth below NSL at Main Court Building location, (iv) Further excavation of one (01) testpit from 3.0 to 6.0 m depth below NSL at OHWT location, including backfilling of pits to original condition.	L.M.	12		
A4	Performance of field density tests by sand replacement method in testpits generally @ 1 or 2 tests/pit at selected horizons, including determination of in-situ bulk and dry density and collection of small disturbed samples in moisture tins for moisture content determination in laboratory by oven drying method as well as labelling, packing, storage & transportation to an approved testing laboratory.	No.	17		
A5	Collection of bulk soil samples (at least 120 kg for Silty Sand Gravel) from onsite testpits including their labeling, packing, storage & transportation to an approved testing laboratory.	No.	20		
	Sub-Total A	Rs.			
<p>Establishment of coordinates and ground elevations of all the testpits by Total Station are included in the scope of work. The coordinates should be provided with reference to a permanent local bench mark.</p> <p>All soil samples must be labelled, stored and transported as per ASTM.</p>					

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Sr. No.	Description	Unit	Qty.	Rate	Amount
B.	LABORATORY TESTING			(Rs.)	(Rs.)
B1	Sieve analysis	No.	18		
B2	Modified AASHTO Compaction	No.	5		
B3	3-Point Soaked CBR	No.	5		
B4	Sulphate content of soil	No.	4		
B5	Chloride content of soil	No.	4		
B6	Organic matter content of soil	No.	4		
Sub- Total B				Rs.	

Name of Laboratory:

Total (A+B)=

Rs.	
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