

**NATIONAL RURAL HEALTH MISSION SCHEME,
UTTAR PRADESH**

(Government of Uttar Pradesh)

TENDER FOR

**Geo-Technical (SOIL) Investigation & Topographical
Survey for 100 bedded MCH Buildings at 5 District Hospital
(Shahjahanpur, Muzaffarnagar, Pilibhit, Aligarh & Jaunpur)**

BILL OF QUANTITY

VOLUME-II

February' 2014

Tender No. – HSCC/NRHM/UP/SOIL/2014

HSCC (INDIA) LTD.

(CONSULTANTS & ENGINEERS FOR MEGA HOSPITALS & LABORATORIES)

E-6(A), sector-1, NOIDA (U.P) 201301 (India)

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Price Bid for Topographical, Geotechnical Construction of Construction of 100 MCH Hospital at various(5) locations (i.e Shahjahanpur,Muzaffarnagar,Pilibhit,Aligarh & Jaunpur). at U.P.) . Quantities indicated herein are cumulative of all locations.

BILL OF Quantity						
S.No.	Description	Unit	Quantity	Rate in figure (Rs.)	Rate in words	Amount
1	Topographical Survey, Collection of field and report Submission:					
	(a) Site Survey and Collection of Field Data as per defined scope of work of the area ear marked in enclosed layout drawing .	Sqm	36000			
2	Soil boring, sampling, chemical analysis and report submission					
	Boring of holes of 150mm dia. In all types of soil excluding soft and hard rock but including boulders, gravels etc. unto the depth of 30m below the existing G.L. or refusal whichever is met earlier complete in all respects. (The quoted rate shall take care of following subheads.)					
	(a) Conducting standard penetration test in all bore holes at intervals of 1.5 m and also at change of strata as per IS codes of practices					
	(b) Collecting disturbed and undisturbed samples of soil at 1.5m interval and also at change of strata from the bore-holes.					
	(c) Recording of water table in bore hole after completion of boring as per scope of work.					
	(d) Conducting necessary tests on samples collected from each hole. The laboratory tests include chemical analysis of soil and water as per scope.					

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BILL OF Quantity						
S.No.	Description	Unit	Quantity	Rate in figure (Rs.)	Rate in words	Amount
	(e) Collection of water samples from bore holes for chemical test and analysis.	RM	300			
3	Plate Load Test					
	Conducting plate load tests using square plate. Test should be continued till 25mm settlement in normal circumstances and 50mm in special cases such dense gravel, gravel and sand mixture is obtained or failure of the soil whichever is earlier as per IS:1888 or refusal whichever is earlier					
(a)	Using 750mm x 750mm square plate	Each	6			
4	Rock Sampling					
	Boring of holes of 150mm dia. Into hard rocks in case hard rock is met at a depth lesser than 30 meter below the existing G.L. or refusal whichever is met earlier complete in all respects	Metre	6			
	Total					