

**Chhattisgarh Medical Services Corporation
Limited, Raipur**

TENDER FOR

**TOPOGRAPHICAL, GEO-TECHNICAL (SOIL)
SURVEY WORK**

FOR

**Construction of 100 bedded & 50 bedded MCH buildings at
Various District Hospitals (Chhattisgarh) Under National
Rural Health Mission Scheme**

BILL OF QUANTITIES

VOLUME-II

June' 2013

Tender No. HSCC/NRHM/CG/Soil/2013(II)

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 & 50 bedded MCH Hospital at various(28) locations at Chhattisgarh) .
Locations are indicated at annexure I. 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	121500				
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.						
	(e) Collection of water samples from bore holes for chemical test and analysis.	RM	560				

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BILL OF Quantity						
S.No.	Description	Unit	Quantity	Rate in figure (Rs.)	Rate in words	Amount
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	3			
(b)	Using 350mm x 350mm square plate	Each	25			
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	10			
	Total					