

National Institute of Unani Medicine , Kottegalaya, Bangalore

Tender

For

**Construction of road from main road to Regimental Therapy Block, NIUM,
Kottegalaya, Bangalore**

Volume-III

BILL OF QUANTITIES

FEBRUARY 2014



HSCC (INDIA) LTD.
(CONSULTANTS & ENGINEERS FOR MEGA HOSPITALS & LABORATORIES)
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Tender No. HSCC/NIUM/Road/2014

Project Name : Construction of road from Main road Regimental Therapy Block,NIUM Bangalore

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					Bill of Quantity	
Item No	Description Of Item	Total Qty	Unit	Rate in Figures (INR)	Rate in Words	Amount in Figures
1	2	3	4	5	6	7
1	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m	660.00	Cum			
2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:					
	Cement mortar 1:4 (1 cement : 4 coarse sand)	43.33	Cum			
3	12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)	200.00	Sqm			
4	Finishing walls with water proofing cement paint of required shade : New work (Two or more coats applied @ 3.84 kg/10 sqm)	200.00	Sqm			
5	Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earth with lead upto 50 metres.	1000.00	Sqm			
6	Supplying and stacking at site 90 mm to 45 mm size stone aggregate	150.00	Cum			
7	Supplying and stacking at site 63 mm to 45 mm size stone aggregate	130.00	Cum			

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8	Laying, spreading and compacting stone aggregate of specified sizes to WBM specifications in uniform thickness, hand picking, rolling with 3 wheeled road / vibratory roller 8-10 tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening / binding material to fill up interstices of coarse aggregate watering and compacting to the required density.	200.00	Cum			
9	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.	1000.00	Cum			
10	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).	10.35	Cum			
11	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete 250 mm dia. R.C.C. pipe	32.00	metre			
			Total Cost			

The above work shall be carried out as per CPWD Specification- 2009 including all correction slips