

HLL MEDIPARK LTD						
Tender for Construction of Site Grading, Roads and Storm water drainage system for Medipark, Chengalpattu, Kancheepuram district, Tamil Nadu						
Storm Water Drain Harvesting Pit Works						
SI No	Description	Unit	Quantity	Rate (Rs.)		Total Amount
				In Figures	In Words	
1	Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting the suitable material to the embankment location within all lifts and leads and disposal of unsuitable materials including all leads and lifts as per the instruction of engineer in charge					
	All kinds of Soil	Cum	758.00			
2	Excavation for roadway in ordinary rock with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, transporting the suitable material to the embankment site within all lifts and lead including trimming bottom and side slopes in accordance with requirements of lines, grades and cross sections and disposal of unsuitable material including all leads and lifts as per the instruction of engineer in charge.	Cum	84.00			
3	Excavation for roadway in hard rock with controlled blasting by drilling, blasting and breaking, trimming of bottom and side slopes in accordance with requirements of lines, grades and cross sections, loading and disposal of all materials including all lead and lifts as per the instruction of engineer in charge	Cum	QRO			

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4	Filling earth to required levels with approved materials obtained from cutting, in layers not exceeding 15cm to 20cm in compacted thickness, breaking clods, spreading, grading to required slopes/levels, watering and compacting with power roller to meet the required compaction as per detailed specification, including removal of existing ground topsoil containing organic matter, scarification and compaction of the cleared surface etc., with all lift and lead, machinery charges, material charges and labour chages including all etc., complete and as directed by the engineer incharge.	Cum	236.00			
5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :					
i)	1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size)	Cum	20.00			
6	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :					
i)	1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	Cum	49.43			
7	Centering and shuttering including strutting, propping etc. and removal of form for :					
i)	Foundations, footings, bases of columns, etc. for mass concrete	Sqm	28.44			

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ii)	Suspended floors, roofs, landings, balconies and access platform	Sqm	257.71			
8	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.					
i)	Thermo-Mechanically Treated bars	Kg	4,943.00			
9	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:					
i)	Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	160.92			
10	CEMENT PLASTER (IN FINE SAND)					
	12 mm cement plaster of mix :					
i)	1:4 (1 cement: 4 fine sand):	Sqm	519.00			
11	Disposal of unsuitable Surplus Earth outside the proposed site, location identified by the contractor and approved by the engineer incharge, and contractor should take all the required necessary approvals from the various department including all leads and lifts and machinery charges and labour charges complete etc., as per the detailed specification	Cum	606.00			

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12	Supplying, filling, spreading & leveling stone boulders of size range 5 cm to 20 cm, in recharge pit, in the required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.	Cum	64.00			
13	Supplying, filling, spreading & leveling gravels of size range 5 mm to 10 mm, in the recharge pit, over the existing layer of boulders, in required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.	Cum	64.00			
14	Supplying, filling, spreading & leveling coarse sand of size range 1.5 mm to 2 mm in recharge pit, in required thickness over gravel layer, for all leads & lifts, all complete as per direction of Engineer -incharge.	Cum	64.00			
15	Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge.					
i)	150 mm nominal size dia	Rmt	96.00			

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16	Boring/drilling bore well of required dia for casing/strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge, upto 90 metre depth below ground level.					
	All types of soil					
i)	400 mm dia	Rmt	80.00			
17	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.					
i)	150 mm diameter	Rmt	11.00			
18	Providing and fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality					
i)	Circular shape 560 mm internal diameter	Nos	16.00			

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19	Providing orange colour safety foot rest of minimum 6 mm thick plastic encapsulated as per IS : 10910, on 12 mm dia steel bar conforming to IS: 1786, having minimum cross section as 23 mmx25 mm and over all minimum length 263 mm and width as 165 mm with minimum 112 mm space between protruded legs having 2 mm tread on top surface by ribbing or chequering besides necessary and adequate anchoring projections on tail length on 138 mm as per standard drawing and suitable to with stand the bend test and chemical resistance test as per specifications and having manufacture's permanent identification mark to be visible even after fixing, including fixing in manholes with 30x20x15 cm cement concrete block 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) complete as per design.	Each	56.00			
	<b>Sub Total :</b>					