

PART 'B' – PRICE BID

Name of Work : Construction of Rain water harvesting system in BHEL Township, Sector-17, Noida

NIT No. : 02:AA:NOI:ADMN:RWH:112:2014-15 Dated: 02.05.2014

Period of Completion : 60 days from the date of placement of order.

S. No	Description of Item	Unit	Qty.	Rate in Words (Rs)	Rate in Figure (Rs)	Amount (Rs)
1	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means over areas (exceeding 30cm in depth. 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed- All kinds of soil.	Cum	284.88			
2	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m : Pipes, cables etc. exceeding 300 mm dia but not exceeding 600 mm	Mtr.	8.64			
3	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 300 mm dia	Mtr.	192.00			

4	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.	cum.	117.19			
5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:4:8 (1 Cement : 4 coarse sand : 8 Graded stone aggregate 40 mm nominal size)	cum	9.88			
6	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	Cum.	19.19			
7	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)	cum.	59.51			
8	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in : cement mortar 1:4 (1 cement : 4 coarse sand)	Sqm	16.00			
9	12 mm cement plaster of mix : 1:4 (1 cement: 4 coarse sand)	Sqm	581.76			

10	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 : 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	cum	9.00			
11	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Thermo-Mechanically Treated bars.	kg	855			
12	Centering and shuttering including strutting, propping etc. and removal of form for : suspended floors, roofs, landings, balconies and access platform.	Sqm	153.26			
13	Providing and fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality EHD - 35 Circular shape 560 mm internal dia.	each	16.00			
14	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	each	80			

	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.					
15	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement ,trenching ,refilling & testing of joints complete as per direction of Engineer in Charge. External work 50 mm nominal outer dia Pipes.	mtr	96			
16	Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer -in-charge. 150 mm nominal size dia.	mtr	208.00			
17	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. 150 mm nominal size dia.	mtr	12			

18	Gravel packing in tubewell construction in accordance with IS: 4097, including providing gravel fine/ medium/ coarse, in required grading & sizes as per actual requirement, all complete as per direction of Engineer-in-charge.	cum	34.78			
19	Providing and fixing suitable size threaded mild steel cap or spot welded plate to the top of bore well housing/ casing pipe, removable as per requirement, all complete for borewell of: 150 mm dia.	each	8			
20	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	kg	225.32			
21	Supplying of Red sand stone slab 40 mm thick (un-dressed) for drain covering.	Sqm	2793			
22	Total (Rs)					
23 (a)	In case, as per the current status the party (service provider) is an Individual, HUF, or partnership firm including AOP	Service Tax (on% of total amount of Sl. No.22) to be payable by party (.....%) (Rs)				
23 (b)		Service Tax (on.....% of total amount of Sl. No.22) to be payable by BHEL (.....%) (Rs)				
24	In case as per the current status the party is a Private or Public limited Company	Service Tax (on% of total amount of Sl. No.22) to be payable by party (.....%) (Rs)				
25 (a)	Total amount inclusive of Service Tax	In case of Individual, HUF, or partnership firm including AOP (Total of 22 + 23a+23b) (Rs)				
25 (b)		In case of Private or public limited Company (Total of 22+24) (Rs)				
Total Offer value in words: Rupees						

(Signature & seal of the contractor)