

**BHARAT HEAVY ELECTRICALS LIMITED****RAMACHANDRAPURAM::HYDERABAD::32****FACTORY CIVIL ENGINEERING DEPARTMENT****SCHEDULE- A**

Tender Notice No:

HY/FCD/OT-08/2014-15, Dt: 28.04.2014

PRICE BID

Item no.:1

Name of work: Concrete Flooring, Tiles and Green carpet under 5-S project in F & P area.

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
1	Supply & fixing of heavy duty factory made hydraulically pressed and mechanically compacted pre-cast concrete designed pavers , zig-zag /any other required design pavers in required colour, with 80 mm thickness, M40 Grade, inter lock concrete Paver blocks, including spreading of stone dust properly for fixing the pavers into one level in required design etc. complete. Rate shall include cost of material, transportation, labour, tools, tackles etc. complete. Rate for stone dust will be paid separately.	290.00	Sq. m	390.18	1,13,152.20
2	Supply & stacking of Stone dust including transportation and spreading as directed by Engineer-in-charge.	28.50	Cu. m	528.29	15,056.27
3	Earth work in excavation in all soils by mechanical means (Hydraulic Excavators) / manual means in foundations trenches or drains (not exceeding 1.5m in width or 10 Sq.m on plan) including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50M.	125.00	Cu.m	103.40	12,925.00
4	Brick work with Ground moulded clay FPS brick in super structure above plinth level upto floor five level in cement mortar 1:6 (1 cement : 6 Coarse sand). -The cement will be issued free of cost by BHEL at BHEL Stores.	23.00	Cu.M	2,104.00	48,392.00
5	Plastering in CM 1:6, 20 mm thick to internal and external surfaces of walls including the cost of all materials, labour, curing etc. complete -Upto 10.00 M level. - The cement will be issued free of cost by BHEL at BHEL Stores.	230.00	Sq.m	65.80	15,134.00
6	White washing with lime to give an even shade - New work.	230.00	Sq.m	4.10	943.00
7	Providing and laying non-pressure NP2 class (Light duty) RCC 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 - 450 mm dia RCC pipe.	9.00	RM	499.55	4,495.95

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
8	Construction of brick masonry chamber of dimension 0.914 x 0.457 x 0.914 m (3' x 1'6" x 3') with brick in CM 1:6 including plastering over both sides with CM 1:4, 20 mm thick and fitted with light weight CI frame and cover of size 0.914 x 0.457 m in CM 1:4 including bed concrete of CC 1:4:8 and channeling with 1:2:4 of 15cm thick as required, including earth work excavation in all soils, refilling around the chamber removing the surplus earth etc. complete as directed.CI frame and cover of 40 kgs, including channeling.	1.00	Each	5,485.40	5,485.40
9	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement, including consolidation by vibrations for all works up to plinth level with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size). The cement and steel will be issued free of cost by BHEL at BHEL stores.	18.00	Cu.M	1,687.00	30,366.00
10	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding grills with binding wire all complete by cold twisted bars. - The steel will be issued free of cost by BHEL at BHEL Stores.	1.30	M.T	4,003.00	5,203.90
11	Centering and shuttering including strutting, propping etc.; and removal of form work, for walls (any thickness) including attached pilasters,butteresses, plinth and string courses etc. upto plinth level.	8.00	Sq.M	180.40	1,443.20
12	Filling with available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidation each deposited layer by ramming and watering, lead upto 50.00 m and lift upto 1.50 m.	7.50	Cu.M	45.70	342.75
13	Conveyance of excavated spoil up to a lead of 2 Kms, including loading, unloading and spreading etc. complete as directed by Engineer- in- charge.	93.50	Cu.M	56.41	5,274.34
14	Intercarting of earth for making lawns including excavation of red earth within the factory premises i.e. transportation upto 3 Km lead including loading and unloading etc. complete as directed by Engineer-in-charge.	245.00	Cu.m	51.78	12,686.10
15	Filling mixture of red earth, manure and sand in desired proportion, flooding with water and levelling (Cost of supplying earth, manure, sand and mixing excluded) etc.; complete as directed by Engineer-in-charge.	122.00	Cu.m	3.02	368.44
16	Spreading of good earth (or) manure (or) sand in required thickness excluding the cost of earth, manure and sand etc.; complete as directed by Engineer-in-charge.	366.00	Cu.m	8.87	3,246.42
17	Supply and Grassing with Korean carpet grass in dibbling method at 2.50 cm apart including watering and maintenance of the lawn for 30 days (or) more till the grass forms to a thick lawn free from weeds and fit for mowing including ramming and rolling etc. complete as directed by Engineer-in-charge.	812.00	Sq.m	122.37	99,364.44

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
18a	Engaging tractor with trailer with driver for material handling, for removal of garbage, conveying of surplus earth, heaps made out of sanitation work, construction waste etc. including hire charges of tractor with trailer & driver. The Vehicle shall be in full fitness condition and it should work minimum 8 machine hours per a day. Rate includes all charges like fuel, hire charges etc.; complete. all as directed by Engineer-in-charge.	2.00	Day	1,000.00	2,000.00
b	Engaging 4 Un skilled services for assisting the above job in item no.18a.	8.00	One Operation	508.60	4,068.80
19	Fabrication and fixing inserts in concrete wall with lugs of required dia welded to the insert plates. (Structural Steel, electrodes and gas required for work will be issued on free of cost by BHEL at BHEL stores).	0.30	MT	2,863.00	858.90
	Total			₹	3,80,807.10
	Add increase in Vat 1% over the material cost (70% of Above value)			₹	2,665.65
	Total value of work			₹	3,83,472.75
Total : ₹ Three lakhs eighty three thousand four hundred seventy two and seventy five paise only					

Note:

1	A penalty of 0.50 % of the gross value of work will be levied for every week's or part thereof delay in execution of work by the agency, subject to a maximum penalty of 10 % of gross value of the total work executed.
2	The rates are inclusive of all taxes and duties except Service tax, which is extra as per service tax norms will be paid by BHEL to the agency after submission of necessary documents.

Note : The bidders are required to quote the tender value on percentage (%) basis at excess or less or on par with estimate value in figures and words.

Tender %	In figure	In words
Excess		
Less		
Estimated value		