



BHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM::HYDERABAD::32
FACTORY CIVIL ENGINEERING DEPARTMENT

SCHEDULE- A

Tender Notice No:

HY/FCD/OT-21/2012-13, Dt: 28.01.2013

PRICE BID

Item no.: 1

Name of work: Providing of rain water harvesting pit and Repairs to open drains on west side of outside factory area.

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
1	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 etc. complete as directed by Engineer-in-charge.	3,840.00	Cu.m	103.40	3,97,056.00
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering including consolidation by vibrations for all works up to plinth level with 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate of 20 mm nominal size) etc. complete as directed by Engineer-in-charge.**	509.00	Cu.m	1,560.50	7,94,294.50
3a	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering including consolidation by vibrations for all works up to plinth level with 1:2:4 (1 cement : 2 coarse sand : 4graded stone aggregate of 20 mm nominal size) etc. complete as directed by Engineer-in-charge.**	15.00	Cu.m	1,585.00	23,775.00
b	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 with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) etc. complete as directed by Engineer-in-charge.**	4.00	Cu.m	1,687.00	6,748.00
4	Coursed rubble masonry in second sort with hard stone in foundation & plinth with cement mortar 1:6 (1 cement :6 coarse sand) etc. complete as directed by Engineer-in-charge.**	37.00	Cu.M	1,521.00	56,277.00
5	Dry stone pitching 22.5 CM thick including supply of stone and preparing bedding surface to required slope for open drain etc. Complete as directed by Engineer-in-charge.	2,350.00	Sq.m	211.10	4,96,085.00
6	Providing and laying Non- pressure NP2 pipe (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 as directed by Engineer-in-charge.	10.00	RM	895.10	8,951.00

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
7	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 etc. complete as directed by Engineer-in-charge.	1,250.00	Cu.M	45.70	57,125.00
8	Plastering in CM 1:4, 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 etc. complete as directed by Engineer-in-charge.**	930.00	Sq.M	65.80	61,194.00
9a	Pointing on stone work with cement mortar 1:4 (1 cement : 4 fine sand). - Raised and Cut Pointing etc. complete as directed by Engineer-in-charge.**	88.00	Sq.M	101.90	8,967.20
b	Pointing on rough stone work with cement mortar 1:3 (1 cement : 3 fine sand). - Flush pointing etc. complete as directed by Engineer-in-charge.**	3,200.00	sq.m	56.40	1,80,480.00
10	Conveyance of excavated spoil up to a lead of 2 Kms, including loading, unloading and spreading etc. complete as directed by Engineer- in- charge.	3,840.00	Cu.M	56.41	2,16,614.40
11	Banking excavated earth in layers not exceeding 20 CM, in length, breaking clods, watering, rolling each layer with 1/2 tonne roller, or wooden or steel rammers, and rolling every 3rd and top -most layer with power roller of minimum 8 tonnes and dressing up, in embankments for roads, flood banks, marginal banks, and guide banks etc.; lead up to 50 M and lift up to 1.5M.- all kinds of soil etc. complete as directed by Engineer-in-charge.	500.00	Cu.m	99.45	49,725.00
12	Supply of JCB for excavation works to dress the sides of drains and undulations to avoid soil erosion for Consolidation etc. complete as directed by Engineer-in-charge.	60.00	one M/c hour	750.00	45,000.00
13	Dismantling CRS Masonry walls for all heights, removing and clearing the debris and carting away upto to lead of 2 KM including loading, unloading and spreading segregating useful materials as directed by Engineer-in-charge including the cost of all labour scaffolding etc. complete as directed by Engineer-in-charge.	15.00	Cu.m	355.88	5,338.20
14	Dismantling existing RCC hume pipes of dia 300 mm and above, including RCC collars and conveying and handing over to divisional stores etc. complete as directed by Engineer-in-charge.	60.00	RM	113.20	6,792.00
15	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 (reinforcement steel will be issued free of cost from the available scrap material) etc. complete as directed by Engineer-in-charge.	0.40	M.T	4,003.00	1,601.20

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
16	Centering and shuttering including strutting, propping etc.; and removal of form work, for columns, pillars, piers, abutments, machine foundations, posts and struts etc. complete as directed by Engineer-in-charge.	4.00	Sq.M	180.40	721.60
	Total			₹	24,16,745.10
	Add increase in Vat 1% over the material cost (70% of Above value)			₹	16,917.22
	Total value of work			₹	24,33,662.32
Total : ₹ Twenty four lakhs thirty three thousand six hundred sixty two and thirty two paise only					

Note: **The required Cement will be issue by BHEL on free of cost at BHEL stores.

1	A penalty of 0.5% of the gross value of work will be levied for every week's delay of work or part there of subject to a maximum penalty of 10% of the gross value of work executed after the period of completion.
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		

Name of the Contractor :

Signature of the Contractor