



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

SCHEDULE- A

Tender Notice No:

HY/FCD/OT-05/2012-13, Dt: 31.05.2012

PRICE BID

Item no.: 10

Name of work: Providing of oil pit for coolant and platform for storage of oil drums & dust bins at New Blade shop.

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.	74.00	Cu.m	103.40	7,651.60
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. (Cement will be issued by BHEL on free of cost)	10.00	Cu.M	1,560.50	15,605.00
3	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. (Cement will be issued by BHEL on free of cost)	16.00	Cu.M	1,521.00	24,336.00
4	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 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate of 20 mm nominal size) etc. complete as directed by Engineer-in-charge. (Cement will be issued by BHEL on free of cost)	38.00	Cu.M	1,641.30	62,369.40
5	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 etc. complete as directed by Engineer-in-charge.	2.24	M.T	4,003.00	8,966.72
6	Flooring in 25mm thick using 1 cement and 3 parts of granite stone chips of 3 to 10mm gauge (no sand) Ellis pattern first sort including neat finishing, curing, cost of materials etc. complete as directed by Engineer-in-charge. (Cement will be issued by BHEL on free of cost)	55.00	Sq.m	130.40	7,172.00

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
7	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.	72.00	Sq.m	180.40	12,988.80
8	Brick work with clay fly ash FPS brick of class designation 75 in super structure above plinth level upto floor five level in cement mortar 1:6 (1 cement : 6 Coarse sand) etc. complete as directed by Engineer-in-charge. (Cement will be issued by BHEL on free of cost)	6.00	Cu.M	1,808.00	10,848.00
9	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 etc. complete as directed by Engineer-in-charge. (Cement will be issued by BHEL on free of cost)	45.00	Sq.m	65.80	2,961.00
10	Cement Plaster to ceiling /walls with 12mm thick cement plaster finished with a floating coat of neat cement of mix 1:3 (1 cement : 3 fine sand) etc. complete as directed by Engineer-in-charge. (Cement will be issued by BHEL on free of cost)	16.00	Sq.m	59.00	944.00
11	Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand) - Raised and cut pointing etc. complete as directed by Engineer-in-charge. (Cement will be issued by BHEL on free of cost)	18.00	Sq.m	101.90	1,834.20
12	Plastering over roof slab in CM 1:4, 20mm thick mixed with water proofing compound, Make: "Sika" @ 3% by weight of cement as per manufacturer's specification, curing as directed. Rate quoted shall include finishing, cost of all materials and labour etc., complete. (Cement =7.69 kgs/sq.m x3% WP@ Rs 20.00 per kg = Rs 4.61) upto 10 m height etc. complete as directed by Engineer-in-charge. (Cement will be issued by BHEL on free of cost)	21.00	Sq.m	81.30	1,707.30
13	Providing and laying plastering to inside water tank walls by applying cement slurry mixed with water proofing cement compound consisting of applying: a) First layer of slurry of cement @ 0.488 Kg. Sq.m mixed with water proofing cement compound @ 0.253 Kg/ Sq.m. This layer will be allowed to air cure for 4 hours. b) Second layer of slurry of cement @ 0.242 Kg/Sq.m mixed with water proofing cement compound @ 0.126 Kg/sq.m. This layer will be allowed to air cure for 4 Hours followed with water curing for 48 hours. the rate includes preparation of surface, treatment and sealing of all joints corners, junctions of pipes with polymer fixed slurry - for inside walls and flooring of water tank etc. complete as directed by Engineer-in-charge. (Cement will be issued by BHEL on free of cost)	35.00	sq.m	140.02	4,900.70

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
14	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.	22.00	Cu.M	45.70	1,005.40
15	Conveyance of excavated spoil up to a lead of 2 Kms, including loading, unloading and spreading etc. complete as directed by Engineer- in- charge.	38.00	Cu.M	56.41	2,143.58
16	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 their stores) etc. complete as directed by Engineer-in-charge.	0.07	MT	3,500.00	245.00
	Total			₹	1,65,678.70
	Add increase in Vat 1% over the material cost (70% of Above value)			₹	1,159.75
	Total value of work			₹	1,66,838.45
Total : ₹ One lakh sixty six thousand eight hundred thirty eight and forty five paise only					

Note:

1	A penalty of 0.5% of the gross value of work will be levied for every week's delay of work subject to a maximum penalty of 10% of the gross value of work.
2	Service tax is extra as applicable, which will be reimbursable to the agency on production of paid proof documents.
3	The rates are inclusive of all taxes and duties.

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