

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

Tender Notice No:

HY/FCD/OT-12/2014-15, Dt: 14.06.2014

PRICE BID

Item no.:2

Name of work: Civil works for extension of existing Mould pit and construction of new mould pit in 04 Block.

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
1	Dismantling Stone rubble masonry manually/ by mechanical means and disposing of debries upto a lead of 2 KM including loading ,unloading and spreading etc. complete all as directed by Engineer-in-charge.	7.00	Cu.m	415.88	2,911.16
2	Dismantling reinforced cement concrete / plain cement concrete and disposing of debries upto to a lead of 2 KM including loading, unloading and spreading as directed by Engineer-in-charge etc., complete.	23.00	Cu.m	582.68	13,401.64
3a	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.	112.00	Cu.m	103.40	11,580.80
b	----do---- up to First additional depth of 1.50 M to 3.00 M.	45.00	Cu.m	122.30	5,503.50
4	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) - The cement will be issued free of cost by BHEL at BHEL stores.	8.00	Cu.M	1,560.50	12,484.00
5	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) - The cement and steel will be issued free of cost by BHEL at BHEL stores.	37.00	Cu.M	1,641.30	60,728.10
6	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.	127.00	Sq.M	180.40	22,910.80

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.	8.00	Cu.M	45.70	365.60
8	Conveyance of excavated spoil up to a lead of 2 Kms, including loading , unloading and spreading etc. complete as directed by Engineer- in- charge.	152.00	Cu.M	56.41	8,574.32
9	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.	3.00	M.T	4,003.00	12,009.00
10	Fabrication and fixing inserts in concrete wall with lugs of required dia welded to the insert plates. (St. Steel, electrodes and gas required for work will be issued on free of cost by BHEL at their stores).	0.30	MT	3,500.00	1,050.00
11a	Fabrication of structural steel work including all materials going into the process of fabrication and forming an integral part of steel work together with all shop and site rivets and electrodes for site welding as necessary and all site connections comprising sag rods, floor beams, girders, bracings, trusses and frame work for fixed false ceiling and for movable false ceiling, purlins with channel / angles, MS flat supports including all connections as per detailed drawings connected steel works etc., cleats, gusset plates, all bolts, nuts, washers, base plates, anchor bolts as per detailed drawings, cutting, welding and painting 2 coats of red-oxide primer before erection etc., complete. The rate shall include painting 2 coat of Red-oxide as per IS specifications and all charges for handling, leading and loading at the fabrication yard. The raw structural steel sections, electrodes, gasses will be issued by BHEL on FREE of cost at BHEL stores.	0.60	MT	6,686.39	4,011.83
b	Erection of Steel work out lined in item No.11a above including the charges for handling, leading and stacking at site at approved locations prior to erection including all site rivetting, bolting, jointing and site welding where ever required.	0.60	MT	2,865.57	1,719.34
c	Painting at site of all structural steel work with 2 coats of aluminium paint / synthetic enamel paint over a coat of redoxide primer of approved shade to trusses, columns, girders, bracings etc., with aluminium paint or synthetic enamel paint over a coat of redoxide as required etc., complete. The required paint only will be issued free of cost by B.H.E.L at their stores.	0.60	MT	527.30	316.38

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
12	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 : 4 graded stone aggregate of 20 mm nominal size) - The cement will be issued free of cost by BHEL at BHEL stores.	3.50	Cu.M	1,585.00	5,547.50
	Total			₹	1,63,113.98
	Add increase in Vat 1% over the material cost (70% of Above value)			₹	1,141.80
	Total value of work			₹	1,64,255.77
Total : ₹ One lakh sixty four thousand two hundred fifty five and seventy seven 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		