



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

**SCHEDULE- A**

Tender Notice No:

**PRICE BID**

HY/FCD/OT-17/2008-09 , Dt: 26.12.08

Item no: 3

**Name of work : Providing Emergency Exits to Annexe building in Factory area(Pase-II)**

S. No	Description of the item	Approx Qty	Unit	Rate in Rs	Amount (Rs)
1	<b>Earth work in excavation in all soils</b> 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	40.00	Cu.m	103.40	4136.00
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 <b>1:4:8</b> (1 cement : 4 coarse sand : 8 graded stone aggregate of 20 mm nominal size ).	16.00	Cu.M	2449.00	39184.00
3	<b>Conveyance</b> of excavated spoil up to a lead of 2 Kms, including loading , unloading and spreading etc. complete as directed by Engineer- in- charge.	40.00	Cu.M	56.41	2256.40
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 <b>up to plinth level</b> with <b>1:1½:3</b> (1 cement : 1½ coarse sand : 3 graded stone aggregate of 20 mm nominal size ).	34.50	Cu.M	3732.00	128754.00
5	<b>Centering</b> and shuttering including strutting, propping etc; and removal of form work, for columns, pillars,peirs,abutments,machine foundations, posts and struts.	196.00	Sq.M	238.40	46726.40
6	<b>Reinforcement for R.C.C. work</b> including straightening , cutting , bending , placing in position and binding grills with binding wire all complete by cold twisted bars.	2.56	M.T	42700.00	109312.00

S. No	Description of the item	Approx Qty	Unit	Rate in Rs	Amount (Rs)
7a	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 FREE of cost by BHEL at their stores.	16.75	MT	12579.00	210698.25
b	Erection of Steel work out lined in item No.7a 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.	16.75	MT	Rate included in the above item	
8	Painting at site of all structural steel work with 2 coats of aluminium paint / synthetic enamel paint of approved shade to trusses, columns, girders, bracings etc., with aluminium paint or synthetic enamel paint as required etc., complete. The required paint only will be issued free of cost by B.H.E.L at their stores.	32.32	MT	596.50	19278.88
9	Supplying fixing of MS double doors of Shakti make as per the specification attached.	78.75	Sq.m	6799.85	535488.19
10	Dismantling <b>brick masonry</b> walls for all heights, removing and clearing the debries 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.	22.00	One Cu.m	355.88	7829.36

S. No	Description of the item	Approx Qty	Unit	Rate in Rs	Amount (Rs)
11	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead of area 3.00 Sq.m and below.	22.00	Each	54.60	1201.20
12	<b>Brick work</b> with FPS bricks of class designation 75 in superstructure above plinth level up to ground floor in all shapes and sizes in cement mortar 1:6.	5.00	Cu.M	2357.40	11787.00
13	Plastering in <b>CM 1:6 , 20 mm</b> thick to internal and external surfaces of walls including the cost of all materials , labour , curing etc, complete -Upto 10.00 M level.	82.00	Sq.m	95.10	7798.20
14	Cement Plaster to <b>ceiling</b> /walls with <b>12mm</b> thick cement plaster finished with a floating coat of neat cement of mix 1:3 ( 1 cement : 3 fine sand ) .	57.00	Sq.m	107.80	6144.60
15	Finishing walls with Premium Acrylic smooth exterior paint with silicon additives of required shade on new work (Two are more coat applied @ 1.43 ltr/ 10 Sq.m over and including base coat of water proofing cement paint applied @ 2.20 Kg/10 Sq.m)	140.00	Sq.m	60.10	8414.00
				Total Rs:	<b>1,139,008.48</b>

**Total in words** :Eleven lakhs thirty nine thousand eight only.

I / We have quoted ..... above [ ] / below [ ] (tick the relevant) for the rates given above.

**% in words:**

**Name of the Contractor :**

**Signature of the Contractor**

**Accounts Representative**

**Opening officer**