



Issued to agency:
BHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM, HYDERABAD-32
FACTORY CIVIL ENGINEERING DEPARTMENT

Price bid -OT-080501

PRICE BID

SCHEDULE- A Tender Notice No:
HY/FCD/OT-5/2008-09 , Dt: 26.06.08
Item no: 1

**Name of Work:- Civil works for open Gantry at 09 - Block West for CDC Operations.
(140Mx30M)**

S.No	Description	Qty	Unit	Rate	Amount
1	Dismantling roofing including ridges, hips valleys, gutters, barge boards,north light curves, etc., and stacking the serviceable material or disposing of unserviceable material within a lead of upto 2 KM at specified places as directed.	384.00	Sq.M	13.67	5249.28
2	Dismantling expanded metal/weld mesh with necessary batten and beeding including stacking the servicesable material within a 50 m lead.	186.00	One Sq.m	11.55	2148.30
3	Dismantling steel work manually/ mechanical means in built up sections without dismembering, stacking at specified places within a lead of 2 KM as per direction of Engineer in charge	5.40	One MT	640.11	3456.59
4	Demolishing brick work manually / by mechanically means including stacking of serviceable material and disposing of unserviceable materials within 50 meters lead as per directions of Engineer-in-charge. - in cement mortar	15.00	Cu.M	310.75	4661.25
5	Demolishing R.C.C. work manually / by mechanically means including stacking of steel bars and disposal of unserviceable materials within 50 metres lead as per direction of Engineer - in - charge .	38.00	Cu.M	537.55	20426.90
6(a)	Dismantling and Re- Erection of steel gate with supports.	10.00	One Sq.m	227.77	2277.70
(b)	Fixing of weld mesh for partitions .	52.00	One Sq.m	50.60	2631.20
7	Clearing grass and removal of the rubbish up to a distance of 2 KM outside the periphery of the area cleared.	4000.00	100 Sq.m	135.65	5426.00
8	Felling trees of the girth (measured at a height of 1m above ground level) including cutting of trunks and branches removing the roots and stacking of serviceable material and disposal of unserviceable material for above 240 cm girth.	16.00	Each	3330.2	53283.2

S.No	Description	Qty	Unit	Rate	Amount
9	M.S. Scrap including MS packing strips, small empty paint drums of 5 lits to 20 lit in capacity in the dust bins inside the factory and open areas, loading into the vehicle and unloading the same at specified yards as directed by the Engineer-in-charge. The vehicle shall be weighed before and after loading for each trip at BHEL weigh bridge. The rate quoted shall include cost of hire charges of vehicle, labour, tools, safety equipment etc., complete. Payment will be made against the weight of the materials disposed.	10.00	One MT	381.00	3810.00
10	Removal of Garbage, including oil soaked cotton waste, dry packing grass, packing cartons and waste papers in the dust bins and inside the factory and open areas, loading into the vehicle and unloading the same at specified yards as directed by the Engineer-in-charge. The vehicle shall be weighed before and after loading for each trip at BHEL weigh bridge. The rate quoted shall include cost of hire charges of vehicle, labour, tools, safety equipment etc., complete. Payment will be made against the weight of the materials disposed.	10.00	One MT	655.00	6550.00
11	Earth work in excavation by mechanical means (Hydraulic Excavtors) / 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 bottams, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed , within a lead of 50m.	3114.00	Cu.m	101.85	317160.90
12	Earth work in excavation by mechanical means (Hydraulic Excavtors) / manual means over areas (exceeding 30 cm in depth , 1.5 m in width as well as 10 Sq.m on plan) including disposal of excavated earth , lead upto 50 m and lift upto 1.5 m, disposing earth to be levelled and neatly dressed for Hard Rock (Blasting prohibited).	33.00	Cu.M	325.25	10733.25
13	Filling available excavated earth (excluding rock) intrenches , plinth , sides of foundations etc. in layers not exceeding 20 cm in depth , consolidation each deposited layer by ramming and watering , lead upto 50 m lift upto 1.5 m .	411.00	Cu.M	45.70	18782.70
14	Coneyance of excavated spoil up to a lead of 2 Kms, including loading , unloading and spreading etc. complete as directed by Engineer- in- charge.	2703.00	Cu.M	56.41	152476.23

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S.No	Description	Qty	Unit	Rate	Amount
15	Providing and laying in position cement concrete of specified grade, consolidation excluding the cost of centering and shuttering - all work up to plinth level with 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate of 20 mm nominal size).	467.00	One Cu.m	2449.00	1143683.00
16	Providing and laying in position cement concrete of specified grade, consolidation excluding the cost of centering and shuttering - all work up to plinth level with 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate of 20 mm nominal size).	310.00	One Cu.m	3629.80	1125238.00
17	Providing, hoisting and fixing up to floor five level precast reinforced cement concrete for including setting in cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering and shuttering and finishing smooth with 6 mm thick cement plaster 1:3 (1 cement : 3 fine sand) on exposed surfaces but excluding the cost of reinforcement with 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size) .	15.00	One Cu.m	5243.25	78648.75
18	Centering and shuttering including strutting, propping etc; and removal of form for columns, pillars, piers, abutments and struts.	1454.00	One Sq.m	119.25	173389.50
19	Reinforcement for R.C.C. work including straightening , cutting , bending , placing in position and binding all complete by cold twisted bars.(BHEL will issue Torsteel on cost recovery basis at Rs 31,750.00 per MT at BHEL stores)	26.00	One MT	42700.00	1110200.00
20	Providing and laying in position cement concrete of specified grade, consolidation excluding the cost of centering and shuttering - all work up to plinth level with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size).	420.00	One Cu.m	3257.45	1368129.00
21	Fabrication and fixing inserts /angles in concrete wall with lugs of required dia welded to the insert plates/angles. (Strl. Steel, electrodes and gases required for work will be issued on free of cost by BHEL at their stores).	6.50	One MT	4000.00	26000.00

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S.No	Description	Qty	Unit	Rate	Amount
22	Fabrication and erection of structural steel work including all materials going into the process of fabrication and forming and integral form 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 coats of Red-oxide as per IS specifications and all charges for handling, leading and loading at the fabrication yard. (The raw structural steel sections will be supplied free of cost by B.H.E.L at their stores) for Bracing of DSL posts	5.40	One MT	11150.00	60210.00
23	Erection and fixing to line, level and grade CR 52 kg/m Rail at floor level including supplying and fixing of special clamps, nuts washers etc., complete all as per drawings. Only special clamps for 52 kg Rail and crane rails, fish platess will be issued free of cost by B.H.E.L at their stores. Special clamps and bases shall be welded at 450 mm centre to centre to approximately to the crane girders after aligning the rail. Alignment of crane rail shall be as per BIS code of practice (7215 / 1974). The rail shall be welded with suitable electrodes and shall conform to BIS specifications. The agency shall procure him self the electrodes specially required for welding the rail.	14.50	One MT	6000.00	87000.00

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S.No	Description	Qty	Unit	Rate	Amount
24	Painting to structural steel work with two or more coats of Aluminium paint / synthetic enamel paint of approved shade to trusses, columns girders, bracings etc; including cost of labour,paint etc., .	5.40	One MT	1292.45	6979.23
25	Brick work with FPS bricks of class designation 75 in superstructure above plinth level up to floor V level in all shapes and sizes in cement mortar 1:6	3.00	Cu.M	2357.40	7072.20
26	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 height	25.00	Sq.m	95.10	2377.50
27	Finishing wall with acrylic smooth exterior paint of required shade on new plastered surfaces(TWO or more coats applied at 1.67 litres for 10 sq.m over and including base coat of water proofing cement paint applied at 2.2 kg per 10 sq.m) including cost of all materials.	25.00	One Sq.m	50.40	1260.00

Total: Rs **5,799,260.68**

Total : Rupees Fifty seven Lakhs ninety nine thousands two hundred and sixty 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

ISSUING OFFICER