



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

SCHEDULE- A

Tender Notice No:

PRICE BID

HY/FCD/OT-12/2008-09 , Dt: 10.11.08

Item no: 2

Name of work: Improvement works in 04 block -Civil works

S.No	Description of the item	Qty	Unit	Rate	Amount
1	Dismantling M.S. partitions (Weldmesh, glazed or panelled) of standard size 1.20 M x 2.40 M or 1.20 x 3.30 M including M.S. Posts and transporting and stacking the materials for reuse etc., complete as directed by the Engineer-in-charge (The rate shall include for removing glass panes before dismantling glazed partitions and stacking glass panes)	57.00	Each	483.00	27531.00
2	Removing the existing A.C. sheets carefully from factory blocks and ceiling along with 'J' bolts, nuts etc., of steel cabins and cycle sheds, transporting and stacking at BHEL stores or other specified places (upto 2 KMs., lead) as directed by Engineer-in-charge.	90.00	Sq.M	11.75	1057.50
3	Dismantling the existing structural steel work Carefully by loosening nuts, gas cutting as per the site conditions and re-erecting the same, suitably modifying by gas cutting, welding, drilling new holes, jointing the new members by welding or bolting etc., complete.	2.00	MT	890.11	1780.22
4	Dismantling brick masonry / CRS walls for all heights, removing and clearing the debris and carting away upto to a lead of 2KM including loading, unloading and spreading segregating useful materials as directed by Engineer-in-charge including the cost of all labour scaffolding etc;complete.	60.00	Cu.M	340.75	20445.00
5	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	750.00	Sq.m	102.90	77175.00
6	Demolishing R.C.C. work manually / by mechanically means including stacking of steel bars and disposal of unserviceable materials within 2.00 Km lead as per direction of Engineer - in - charge .	1.00	Cu.M	582.68	582.68
7	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.	106.00	Sq.m	196.00	20776.00

S.No	Description of the item	Qty	Unit	Rate	Amount
8	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 bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed , within a lead of 50m.	22.00	Cu.m	103.40	2274.80
9	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 m .	11.00	Cu.M	45.70	502.70
10	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).	65.00	Cu.M	2449.00	159185.00
11	Providing and laying in position specified grade of reinforced cement concrete including consolidation by vibrations excluding the cost of centering ,shuttering and reinforcement 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).	34.00	Cu.M	3732.00	126888.00
12	Centering and shuttering including strutting, propping etc; and removal of walls (any thickness) including attached pilasters, buttersses, plinth and string courses etc;	190.00	Sq.M	180.40	34276.00
13	Reinforcement for R.C.C. work including straightening , cutting , bending , placing in position and binding grills with binding wire all complete with cold twisted deformed bars.	3.40	M.T	42700.00	145180.00
14	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.	56.00	Cu.M	2357.40	132014.40
15	Finishing the top of the concrete flooring in CM 1:3 of 12 mm thick with a floating coat of neat cement finishing,curing etc; complete.	160.00	Sq.m	107.80	17248.00
16	Fabrication and erection of panelled steel door shutter sliding or hinged, Including gas cutting, welding of sheets or angles wherever required etc., complete as directed by Engineer-in-charge. (Structural steel sections will be issued free of cost by BHEL).	9.00	Each	558.40	5025.60
17	Fabrication of M.S. partitions, (weldimesh, glazed or panelled) of the following sizes as directed. (Strl. Steel sections will be issued free of cost by BHEL). Size 1.20 M x 2.40 M.	4.00	Each	442.75	1771.00

S.No	Description of the item	Qty	Unit	Rate	Amount
18	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 coat of Red-oxide as per IS specifications and all charges for handling, leading and loading at the fabrication yard, cost of electrodes, gases. (The raw structural steel sections will be supplied free of cost by B.H.E.L at their stores)	3.00	MT	11150.00	33450.00
19	Fixing the old/ used A.C. sheets for barricading the foundation works and removing the same after the work is over for side walls in the Factory blocks and sheds and at all height including transportation of A.C. sheets and disposing off old sheets to a lead of 2 K.Ms. Etc., complete as directed. (Required consumable materials will be supplied by BHEL free of cost at their stores).	67.00	Sq.M	59.56	3990.52
20	Supply and fixing glazed steel windows and ventilators of approved make including supply and fixing 4 mm thick plain glass with best quality putty. MS handles and peg stays including painting with two coats of synthetic enamel paint over one coat of red oxide paint including supplying and fixing weldmesh 50 x 50 mm (8G x 8 g). The window section and fabrication shall confirm to I.S. 1038.	10.00	Sq.m	2120.40	21204.00
21	Applying two or more coats of oil bound distemper of given shade including scraping the old surfaces, cost of all labour and other incidentals.(Only OBD Paint will be supplied by BHEL)	3500.00	One Sq.m	41.55	145425.00
22	Applying two coat of synthetic enamel paint of given shade to old plastered surfaces of walls including scraping old surfacess, cost of all labour, tools and other incidentals etc.complete.(Only Synthetic enamel Paint will be supplied by BHEL)	385.00	Sq.m	22.85	8797.25

S.No	Description of the item	Qty	Unit	Rate	Amount
23	Applying two coat of synthetic enamel paint of given shade old steel work including scraping old surfacess, cost of all labour, tools and other incidentals etc.complete.(Only Synthetic enamel Paint will be supplied by BHEL)	670.00	Sq.m	22.85	15309.50
24	Supply & fixing of 4 mm thick glass of plain / opaque / pin headed etc., with MS glazing clips and putty at all floors of buildings. The rate quoted shall include removal of broken glasses, cleaning old putty etc., complete from the old windows / partitions at all heights of the buildings, as directed by Engineer-in-charge.	26.00	Sq. m	290.00	7540.00
25	Conveyance of excavated spoil up to a lead of 2 Kms, including loading , unloading and spreading etc. complete as directed by Engineer- in- charge.	22.00	Cu.M	56.41	1241.02
				Total: Rs	1,010,670.19

Total in words: Rupees Ten lakhs ten thousands and six hundred and seventy 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