



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

SCHEDULE- A

Tender Notice No:

HY/FCD/OT- 29/2010-11 , Dt:- 07.03.2011

PRICE BID

Item no : 2

**Name of work: Providing Foundations for clamping Bars CD & EF Bay and Semi
Gantry CD Bay in 51 Block.**

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
1	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.	95.00	Cu.m	582.68	55354.60
2	Earth work in excavation in all soils 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.	260.00	Cu.m	103.40	26884.00
3	Excavation of Hard Rock (Blasting Prohibited) for all depths including stacking and clearing the debries upto 2 KM. The payment will be made based on stack measurements after deducting 40 % towards voids.	10.00	Cu.M	325.25	3252.50
4	Providing and laying in position cement concrete of specified garde excluding the cost of centering and shuttering including consolidation by vibrations for all works upto plinth level with 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate of 20 mm nominal size).	36.00	Cu.M	2449.00	88164.00
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 upto plinth level with 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate of 20 mm nominal size).	310.00	Cu.M	3732.00	1156920.00
6	Centering and shuttering including strutting, propping etc; and removal of form work, for columns, pillars, peirs, abutments, machine foundations, posts and struts.	400.00	Sq.M	180.40	72160.00
7	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.	18.60	M.T	42700.00	794220.00

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
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.	260.00	Cu.M	56.41	14666.60
9	Grouting with cement mortar 1:1 including cost of all materials, labour, curing, for all leads and lifts etc; complete. For pockets	7.00	Cu.m	6016.56	42115.92
10a	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 their stores	40.00	MT	7563.80	302552.00
10b	Erection of Steel work out lined in item No.10a 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.	40.00	MT	3241.60	129664.00
10c	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.	40.00	MT	596.50	23860.00
11a	Fixing CR120 to 52 Kg rails for various gauges at floor level including fixing side guide angle etc., complete with necessary clamps required for fixing rails in position and alignment, leveling as per B.I.S 7215-1974. (M.S rails, M.S. Angles, Strl. steel will be issued free of cost by BHEL at their stores).Including cost of clamps,bolts & nuts etc.,	8.00	MT	6000.00	48000.00
11b	---same as above at crane girder level---	8.00	MT	10805.40	86443.20

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
12	Fabrication and fixing inserts in concrete wall with lugs of required dia welded to the insert plates.(Strl. Steel,electrodes and gas required for work will be issued on free of cost by BHEL at their stores)	6.50	MT	3500.00	22750.00
13	Drilling holes in RCC Columns for fixing 25mm dia bolts and grouting with Fos Rock Upto 350mm depth .	112.00	Each	100.00	11200.00
	Total Value of work			Total Rs:	28,78,206.82

Total : Rs.Twenty eight lakhs seventy eight thousand two hundred seven only.

Service Tax:- The Service tax as applicable is extra which will be paid by BHEL to the agency after submission of necessary valid documents by the agency.

Note : The bidders are required to quote the tender value on percentage (%) basis at excess or less on par with estimate value

Tender %	In figure	In words
Excess		
Less		
Estimated value		

Name of the Contractor :

Signature of the Contractor

Accounts Representative

Opening officer