



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

**SCHEDULE- A
PRICE BID**

Tender Notice No:
HY/FCD/OT-08/2008-09 , Dt: 16.09.08
Item no: 1

**Name of work: Construction of Foundation for travelling column drilling machine in
51 Block**

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
1(a)	Earth work in excavation 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 bottom, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed , within a lead of 50m.	159.00	One Cu.m	101.85	16194.15
(b)	---do--- up to First additional depth of 1.50 M to 3.00 M.	139.00	One Cu.m	124.15	17256.85
(c)	-- do -- for 3rd addl. Depth of 1.00Mtr of part there off i.e., (- 3.00 to -4.00 M)	84.00	One Cu.m	146.45	12301.80
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 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate of 20 mm nominal size).	15.00	One Cu.m	2449.00	36735.00
3	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 (machine foundations) up to plinth level with 1:1½ :3 (1 cement : 1½ coarse sand : 3 graded stone aggregate of 20 mm nominal size).	246.00	One Cu.m	3732.00	918072.00
4	Centering and shuttering including strutting, propping etc; and removal of form for columns, Pillars, piers, Abutments, Posts and Struts.	244.00	One Sq.m	238.40	58169.60

Signature of Contractor(S)

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ISSUING OFFICER

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
5	Grouting with Fosrock grout mix.(only Fosrock will be issued on free of cost by BHEL at their stores).	3.20	One Cu.m	384.10	1229.12
6	Finishing with Epoxy paint(two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat , preparation of surface etc. , complete on steel work.	200.00	One Sq.m	75.25	15050.00
7	Fabrication and fixing M.S. Angles in the concrete with 10mm dia lugs welded to the M.S. Angle (Strl. Steel,electrode and gases required for the work will be issued on free of cost by BHEL at their stores).	2.15	One MT	4000.00	8600.00
8	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).(40% will be deducted towards voids for measurement)	43.00	One Cu.m	325.25	13985.75
9	Filling 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 lift upto 1.5 m .	84.00	One Cu.m	45.70	3838.80
10	Conveyance of excavated spoil up to a lead of 2 Kms, including loading , unloading and spreading etc. complete as directed by Engineer in- charge.	302.00	One Cu.m	56.41	17035.82
11	Reinforcment for R.C.C. work including straightening , cutting , bending , placing in position and binding all complete by cold twisted bars.	24.60	One MT	42700.00	1050420.00
12	Supplying and fixing position 40 mm thick fibre glass covered by cotton cloth (netted) fixed in position and covered with aluminium perforated sheet above the insulation for the foundation including fixtures and accessories and cost of all materials, labour etc., complete. Rock wool shall be of standard quality.	30.00	One Sq.m	720.00	21600.00

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
13	Supply and fixing in position 60 mm thick / 30 mm thick in two layers thermocoal including cost of materials, labour etc., complete.	30.00	One Sq.m	600.00	18000.00
14	Applying protective coating to isolation joint on top side with bituman of 30/40 grade including cost of all materials, labour etc., complete.	10.00	One Sq.m	600.00	6000.00

Total: Rs **2214488.89**

Total: Rupees Twenty two lakhs fourteen thousand four hundred and eighty nine only.

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

% in words:

Name of the Contractor :

Accounts Representative

Opening officer