

Issued to agency:



**BHARAT HEAVY ELECTRICALS LIMITED  
RAMACHANDRAPURAM:: HYDE  
FACTORY CIVIL ENGINEERING DEPARTMENT**

SCHEDULE- A Tender Notice No:

PRICE BID

HY/FCD/OT-19/2009-10, Dt: 02.01.2010

Item no : 01

**Name of work : Machine foundation for CNC Run out checking system in 01-Block.**

S. No	Description	Qty	Unit	Rate	Amount
1	Dismantling reinforced cement concrete / plain cement concrete and disposing of debris upto to a lead of 2 KM including loading, unloading and spreading as directed by Engineer-in-charge etc., complete.	20.00	Cu.m	582.68	11653.60
2a	<b>Earth work in excavation</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.	65.00	Cu.M	103.40	6721.00
b	----do---- up to First additional depth of 1.50 M to 3.00 M.	45.00	Cu.M	122.30	5503.50
3	<b>Earth work in excavation</b> by mechanical means (Hydraulic Excavators) / manual measn 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 <b>Hard Rock</b> (Blasting prohibited).	35.00	Cu.M	325.25	11383.75

S. No	Description	Qty	Unit	Rate	Amount
4	Providing and laying in position <b>cement concrete</b> 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 40 mm nominal size ).	10.00	Cu.M	2449.00	24490.00
5	Providing and laying in position specified grade of <b>reinforced cement concrete</b> including consolidation by vibrations excluding the cost of centering ,shuttering and reinforcement 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 ).	50.00	Cu.M	3732.00	186600.00
6	<b>Centering</b> and shuttering including strutting, propping etc; and removal of form work, for columns, pillars, piers, abutments, machine foundations, posts and struts.	200.00	Sq.M	180.40	36080.00
7	<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 deformed bars.	4.00	M.T	42700.00	170800.00
8	Granolithic topping of 25 mm thick using 1 cement 1 granite chips of 10mm down graded laid over base concrete when it is green conditions and <b>ironite finishing</b> 12mm thick using a mix of 50Kg of ironite , 200 Kg of cement and 0.30 Cu.m of granite metal 6mm down graded including cost of form work , curing etc. complete.	50.00	Sq.m	455.00	22750.00

S. No	Description	Qty	Unit	Rate	Amount
9a	Supply , laying , Spreading and compacting <b>stone aggregate of size 150mm of boulder soling</b> to WBM specifications including spreading in uniform thickness,hand packing ,binding material (Sand)to fill up interstices of coarse aggregate watering and compacting to the required density.	5.00	Cu.m	934.85	4674.25
b	----do ---of size 40 mm .	3.00	Cu.M	1003.10	3009.30
10	<b>Supply, laying spreading and compacting and Filling River Sand</b> below Machine Bed and trenches , plinth , sides of foundations etc. in including spreading in uniform thickness, hand picking in layers not exceeding 20 cm in depth , consolidation each deposited layer by ramming and watering , lead upto 50 m .	35.00	Cu.M	792.55	27739.25
11	<b>Filling</b> 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 .	58.00	Cu.M	45.70	2650.60
12	<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.	52.00	Cu.M	56.41	2933.32
13	Finishing with <b>Epoxy paint ( two or more coats) of ASIAN or BERGER make</b> at all locations prepared and applied as per manufactures specifications including appropriate priming coat , preparation of surface , cost of all materials etc; complete on concrete work.	56.00	Sq.M	77.75	4354.00
14	Fixing of AC Sheets for Barication purpose with J Bolts, nuts, AC Sheets will be issued free of cost by BHEL at their stores.	76.00	Sq.m	20.95	1592.20

S. No	Description	Qty	Unit	Rate	Amount
15	<b>Fabrication and fixing</b> M.S. Angles in the concrete with 10mm dia lugs welded to the M.S. Angle (Strl. Steel, electrodes and gases required for the work will be issued on free of cost by BHEL at their stores).	2.00	MT	3500.00	7000.00
16	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.	2.00	MT	596.50	1193.00
17	Supply and fixing in position 25 mm thick in One layers <b>thermocoal</b> including cost of materials, labour etc., complete.	12.00	Sq.M	213.00	2556.00
				<b>Total</b>	<b>533683.77</b>

**Rupees : Five Lakhs Thirty Three Thousand Six Hundred Eight Four 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 Tenders are required to quote the tender value on percentage (%)

Tender %	In figure	In words
Excess		
Less		
Estimated Rate only		

**Name of the Contractor :**

**Signature of the Contractor**

**Accounts Representative**

**Opening officer**