



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

SCHEDULE- A

Tender Notice No:

PRICE BID

HY/FCD/OT-08/2008-09 , Dt: 16.09.08

Item no: 5

Name of work: Civil works for providing storage yard for raw materials at 51 block stores

Part - A : Storage yard

S No	Description of the item	Qty	Unit	Rate	Amount
1	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 bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed , within a lead of 50m.	1112.00	One Cu.m	101.85	113257.20
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).	312.00	One Cu.m	2449.00	764088.00
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 up to plinth level with 1:1½ :3 (1 cement : 1½ coarse sand : 3 graded stone aggregate of 20 mm nominal size).	180.00	One Cu.m	4092.35	736623.00
4	Providing, hoisting and fixing up to floor five level precast reinforced cement concrete for including setting in cement mortar 1:3 (1cement : 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) .	9.00	One Cu.m	5243.25	47189.25

S No	Description of the item	Qty	Unit	Rate	Amount
5	Centering and shuttering including strutting, propping etc; and removal of form for walls(any thickness) including attached pillasters, buttresses, plinth and string courses etc.,.	900.00	One Sq.m	180.40	162360.00
6	Reinforcement for R.C.C. work including straightening , cutting , bending , placing in position and binding all complete by cold twisted bars.	16.00	One MT	42700.00	683200.00
7	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 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) .	283.00	One Cu.m	3257.44	921855.52
8	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).	3.15	One MT	4000.00	12600.00
9a	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 will be supplied free of cost by B.H.E.L at their stores)	3.04	One MT	11150.00	33896.00

S No	Description of the item	Qty	Unit	Rate	Amount
9 b	Erection of structural Steel work out lined in item No.9a 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.	3.04	One MT	rate included in the above item	
10	Erection and fixing to line, level and grade CR 52 kg/m Rail 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 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.	8.32	One MT	6000.00	49920.00
11	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)	10.00	One Cu.m	325.25	3252.50
12	Filling available eacavated 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 .	233.00	One Cu.m	45.70	10648.10
13	Coneyance of excavated spoil up to a lead of 2 Kms, including loading , unloading and spreading etc. complete as directed by Engineer in- charge.	880.00	One Cu.m	56.41	49640.80
14	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade.	3.04	One Tonne	1,389.85	4225.14

S No	Description of the item	Qty	Unit	Rate	Amount	
15	Felling trees of 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.(beyond 60 cm girth upto and including 120 cm girth)	10.00	Each	395.81	3958.10	
Part-B - Road work						
1	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 bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed , within a lead of 50m.	165.00	One Cu.m	101.85	16805.25	
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).	66.00	One Cu.m	2449.00	161634.00	
3	Providing and laying in position plain cement concrete of specified grade, consolidation by vibration 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).	66.00	One Cu.M	3257.45	214991.70	
				Part-A+Part-B	Total: Rs	3,990,144.56

Total: Rupees Thirty nine lakhs ninety thousand one hundred and forty five 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