

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

Tender Notice No:

HY/FCD/OT-19/2013-14, Dt: 25.02.14

PRICE BID

Item no 1

Name of work: Construction of cycle stand in 06 shop east side.

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
1	Earth work in excavation in all soils 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.	5.00	Cu.m	103.40	517.00
2	Earth work in excavation by mechanical means (Hydraulic Excavators) / 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).	0.50	Cu.M	325.25	162.63
3	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). The cement will be issued free of cost by BHEL at BHEL stores.	0.50	Cu.M	1,406.01	703.01
4	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). The cement and steel will be issued free of cost by BHEL at BHEL stores.	5.00	Cu.M	1,478.81	7,394.05
5	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. - The steel will be issued free of cost by BHEL at BHEL Stores.	0.40	M.T	3,606.70	1,442.68
6	Conveyance of excavated spoil up to a lead of 2 Kms, including loading, unloading and spreading etc. complete as directed by Engineer- in- charge.	5.00	Cu.M	56.41	282.05

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
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). The cement will be issued free of cost by BHEL at BHEL stores.	12.00	Cu.M	1,585.00	19,020.00
8	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.	78.00	Sq.m	117.49	9,164.22
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, electrodes, gasses will be issued by BHEL on FREE of cost at BHEL stores.	1.20	MT	6,414.10	7,696.92
b	Erection of 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.	1.20	MT	2,748.87	3,298.64
c	Painting at site of all structural steel work with 2 coats of aluminium paint / synthetic enamel paint over a coat of redoxide primer of approved shade to trusses, columns, girders, bracings etc., with aluminium paint or synthetic enamel paint over a coat of redoxide as required etc., complete. The required paint only will be issued free of cost by B.H.E.L. at B.H.E.L. stores.	1.20	MT	505.83	607.00

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
10	Fixing of aluminium zinc alloy coated metallic hirib profile sheet of nominal 1015-1020mm effective cover width and 28-30 mm with factory cut and fixing to the roof shall be crest fixed to roof purlins with number 12-14 x 55 mm long polymer coated galvanised hex head self drilling screws with integral washers and EPDM seals (4 fastners for support) for sheet etc., complete as directed (Excluding cost of galvalume sheets which will be issued free of cost by BHEL at their stores) - For roofing, side cladding and louvers with necessary fixtures.	80.00	Sq.m	67.78	5,422.40
11	Supply & Installation of 0.5 mm thick colour galvalume sheet flashings hood / ridges/ triangular portion closers to require shape with self threaded screws etc. complete as directed.	13.00	Sq.M	610.00	7,930.00
	Total			₹	63,640.59
	Add increase in Vat 1% over the material cost (70% of Above value)			₹	445.48
	Total value of work			₹	64,086.07
Total : ₹ Sixty four thousand eighty six and seven paise only					

Note:

1	A penalty of 0.50 % of the gross value of work will be levied for every week's or part thereof delay in execution of work by the agency, subject to a maximum penalty of 10 % of gross value of the total work executed.
2	The rates are inclusive of all taxes and duties except Service tax, which is extra as per service tax norms will be paid by BHEL to the agency after submission of necessary documents.

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

Tender %	In figure	In words
Excess		
Less		
Estimated value		