



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

SCHEDULE- A

Tender Notice No:

HY/FCD/OT-05/2012-13, Dt: 31.05.2012

PRICE BID

Item no.: 5

Name of work: Construction of covered shed for storage of finished and delicate items in 51 Block.

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 etc. complete as directed by Engineer-in-charge.	147.50	Cu.m	103.40	15,251.50
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 leveled and neatly dressed for Hard Rock (Blasting prohibited) etc. complete as directed by Engineer-in-charge.	2.00	Cu.M	325.25	650.50
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) etc. complete as directed by Engineer-in-charge. (Cement will be issued by BHEL on free of cost)	8.00	Cu.M	1,560.50	12,484.00
4	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 : 4 coarse sand : 8 graded stone aggregate of 20 mm nominal size) etc. complete as directed by Engineer-in-charge. (Cement will be issued by BHEL on free of cost)	23.50	Cu.M	1,585.00	37,247.50
5	Coursed rubble masonry in second sort with hard stone in foundation & plinth with cement mortar 1:6 (1 cement :6 coarse sand) etc. complete as directed by Engineer-in-charge. (Cement will be issued by BHEL on free of cost)	30.50	Cu.M	1,521.00	46,390.50

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
6	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) etc. complete as directed by Engineer-in-charge. (Cement will be issued by BHEL on free of cost)	23.50	Cu.M	1,641.30	38,570.55
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 etc. complete as directed by Engineer-in-charge. (Tor steel will be issued by BHEL on free of cost)	2.00	M.T	4,003.00	8,006.00
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 as directed by Engineer-in-charge. (Cement will be issued by BHEL on free of cost)	600.00	Sq.m	130.40	78,240.00
9	Centering and shuttering including strutting, propping etc.; and removal of form work, for columns, pillars, piers, abutments, machine foundations, posts and struts etc. complete as directed by Engineer-in-charge.	84.50	Sq.m	180.40	15,243.80
10	Brick work with clay fly ash FPS brick of class designation 75 in super structure above plinth level upto floor five level in cement mortar 1:6 (1 cement : 6 Coarse sand) etc. complete as directed by Engineer-in-charge. (Cement will be issued by BHEL on free of cost)	30.50	Cu.M	1,808.00	55,144.00
11	Plastering in CM 1:6, 20 mm thick to internal and external surfaces of walls including the cost of all materials, labour, curing etc. complete -Upto 10.00 M level etc. complete as directed by Engineer-in-charge. (Cement will be issued by BHEL on free of cost)	290.00	Sq.m	65.80	19,082.00
12	Conveyance of excavated spoil up to a lead of 2 Kms, including loading , unloading and spreading etc. complete as directed by Engineer- in- charge.	148.00	Cu.M	56.41	8,348.68
13	Applying exterior emulsion paint two coats of given shade on old surfaces of walls at all heights of the buildings of shop annexes including scraping the old surfaces, cost of all labour and other incidentals. (Only exterior emulsion Paint will be issued by BHEL on FREE of cost at their stores) etc. complete as directed by Engineer-in-charge.	295.00	Sq.m	20.55	6,062.25

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
14a	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 etc. complete as directed by Engineer-in-charge.	10.00	MT	7,563.80	75,638.00
b	Erection of Steel work out lined in item No.14a above including the charges for handling, leading and stacking at site at approved locations prior to erection including all site riveting, bolting, jointing and site welding where ever required etc. complete as directed by Engineer-in-charge.	10.00	MT	3,241.60	32,416.00
c	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 on cost by B.H.E.L at their stores.	10.00	MT	596.50	5,965.00
15	Supplying and fixing of Tracked Hi-rib single skin galvalume / Zinalume sheets of 0.5 mm thick. One Meter width and length upto 12 M 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 galvanized hex-head self drilling screws with integral washers and EPDM seals (4 fasteners per support) for sheet etc., complete as directed. (Including cost of galvalume sheets) - for roofing bare galvalume etc. complete as directed by Engineer-in-charge.	650.00	Sq.m	545.90	3,54,835.00
16	Erection of steel doors for M.S. steel partition for cabins (weld mesh, glazed or paneled) with required M.S. posts and all accessories such as hinges, aldrops etc., including gas cutting, welding etc., complete as directed by Engineer-in-charge. (The rate shall include for fixing glass panes after erection of door in case of glazed doors) (Size approximately 1.20Mx2.40M) etc. complete as directed by Engineer-in-charge.	8.00	Each	376.80	3,014.40

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
17	Fixing of weld mesh / expanded metal to angle iron frame of suitable size for RCC louvers/ceiling including gas cutting and welding as directed by the Engineer-in-charge. (M.S. angle iron frame, weld mesh/expanded metal will be supplied by BHEL at their stores at free of cost).	230.00	Sq.m	69.65	16,019.50
Total				₹	8,28,609.18
Add increase in Vat 1% over the material cost (70% of Above value)				₹	5,800.26
Total value of work				₹	8,34,409.44
Total : ₹ Eight lakhs thirty four thousand four hundred nine and fourth four paise only					

Note:

1	A penalty of 0.5% of the gross value of work will be levied for every week's delay of work subject to a maximum penalty of 10% of the gross value of work.
2	Service tax is extra as applicable, which will be reimbursable to the agency on production of paid proof documents.
3	The rates are inclusive of all taxes and duties.

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		

Name of the Contractor :

Signature of the Contractor