



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

SCHEDULE- A

Tender Notice No:

HY/FCD/OT-18/2013-14, Dt: 25.02.2014

PRICE BID

Item no.:2

Name of work: Providing compound wall at K-gate shed on North 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.	62.00	Cu.m	103.40	6,410.80
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) The cement will be issued free of cost by BHEL at BHEL stores.	6.00	Cu.M	1,560.50	9,363.00
3	Coursed rubble masonry in second sort with hard stone in foundation & plinth with cement mortar 1:6 (1 cement :6 coarse sand). The Cement will be issued free of cost by BHEL at BHEL stores.	30.00	Cu.M	1,521.00	45,630.00
4	Brick work with Ground moulded clay FPS brick in super structure above plinth level upto floor five level in cement mortar 1:6 (1 cement : 6 Coarse sand). -The cement will be issued free of cost by BHEL at BHEL Stores.	35.00	Cu.M	2,104.00	73,640.00
5	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.	3.00	Cu.M	1,641.30	4,923.90

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
6	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.	0.24	M.T	4,003.00	960.72
7	Centering and shuttering including strutting, propping etc.; and removal of form work, for walls (any thickness) including attached pilasters, butresses, plinth and string courses etc. upto plinth level.	20.00	Sq.M	180.40	3,608.00
8	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. - The cement will be issued free of cost by BHEL at BHEL Stores.	290.00	Sq.m	65.80	19,082.00
9	Pointing on stone work with cement mortar 1:3 (1 cement :3 fine sand) : - Raised and cut pointing. The cement will be issued free of cost by BHEL at BHEL Stores.	40.00	Sq.m	101.90	4,076.00
10a	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	0.15	MT	7,563.80	1,134.57
b	Erection of Steel work out lined in above item 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.	0.15	MT	3,241.60	486.24
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 of cost by BHEL at BHEL stores.	0.15	MT	596.50	89.48
11	Applying exterior emulsion paint 2 coats over one coat of primer to external new plastered surfaces including cost of all labour and other incidentals. (only exterior paint will be issued by BHEL on free of cost).	330.00	Sq.m	18.51	6,108.30

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
12	Filling 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 50.00 m and lift upto 1.50 m.	62.00	Cu.M	45.70	2,833.40
13	Dismantling brick masonry walls for all heights, removing and clearing the debries and carting away upto to lead of 2 KM including loading, unloading and spreading segregating useful materials as directed by Engineer-in-charge including the cost of all labour scaffolding etc., complete.	5.00	One Cu.m	355.88	1,779.40
14	Fencing with G.I barbed wire with angle iron post placed at required distance embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be struttred on both sides and end post on one side only and provided with horizontal wires, of barbed wire 9.38 kg per 100 m (minimum) between the two posts fitted and fixed with G.I staples, turn buckles etc. complete. (Cost of posts, struts, earthwork and concrete work to be paid separately) : payment to be made per metre cost of total length barbed wire used.	400.00	R.M	8.45	3,380.00
15	Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth, dressing to camber and consolidation with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earth lead upto 50 metres.	150.00	Sq.m	33.90	5,085.00
16	Supply & stacking of Stone dust including transportation and spreading as directed by Engineer-in-charge.	15.00	Cu.m	753.20	11,298.00
17	Flooring with 25mm or more thick rough Cuddapah / shabad stone of size 600mm X 600mm, set over base coat of 50 mm thick stone dust / Foundry dust , including pointing with cement mortar 1:3 duly filling joints nearly, including cost of all materials like flooring stone and water etc.; complete. including seigniorage charges, labour charges for dressing of flooring stones etc.; complete for finished item of work, For stone dust/Foundry sand payment will be made separately.	145.00	Sq.m	235.62	34,164.90

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
18	Dismantling expanded metal or IRC fabrics with necessary battens and beading including stacking the serviceable material within 50 metres lead.	82.00	Sq.m	11.55	947.10
	Total			₹	2,35,000.81
	Add increase in Vat 1% over the material cost (70% of Above value)			₹	1,645.01
	Total value of work			₹	2,36,645.81
Total : ₹ Two lakhs thirty six thousand six hundred forty five and eighty one 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		