



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

**SCHEDULE- A**

Tender Notice No:

HY/FCD/OT-07/2011-12, Dt:- 04.07.2011

**PRICE BID**

Item no : 1

**Name of work: Construction of compound wall on west side of Factory area for LPG yard requirement.**

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
1	<b>Earth work in excavation in all soils</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.	900.00	Cu.m	103.40	93,060.00
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 <b>1:4:8</b> (1 cement : 4 coarse sand : 8 graded stone aggregate of 20 mm nominal size).	75.00	Cu.M	2,449.00	183,675.00
3a	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 <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).	315.00	Cu.M	3,732.00	1,175,580.00
b	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 <b>up to Floor five level</b> with <b>1:1½:3</b> (1 cement : 1½ coarse sand : 3 graded stone aggregate of 20 mm nominal size).	165.00	Cu.m	4,092.35	675,237.75
4	<b>Centering</b> and shuttering including strutting, propping etc; and removal of form work, for columns, pillars, piers, abutments, machine foundations, posts and struts.	4,038.00	Sq.M	180.40	728,455.20
5	<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 bars.	38.40	M.T	42,700.00	1,639,680.00
6a	Coursed rubble masonry in second sort with hard stone in foundation & plinth with cement mortar 1:6 (1 cement :6 coarse sand)	425.00	Cu.M	1,913.10	813,067.50
b	Coursed rubble masonry in first sort with hard stone in foundation & plinth with cement mortar 1:6 (1 cement :6 coarse sand)	383.00	Cu.m	2,022.70	774,694.10

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
7	<b>Brick work</b> with FPS bricks of class designation 75 in superstructure above plinth level up to floor five level in all shapes and sizes in cement mortar 1:6.	521.64	Cu.M	2,463.60	1,285,112.30
8	Plastering in <b>CM 1:6, 20 mm</b> thick to internal and external surfaces of walls including the cost of all materials, labour, curing etc, complete -Upto 10.00 M level.	5,600.00	Sq.m	95.10	532,560.00
9	Dry stone pitching 22.5cm thick laid in courses and required profile with hammer dressed stones having no side less than 15 cm, with minimum depth of 20 cm including preparing the bedding surface etc; all complete. (payment of for tone to be made separately).	410.00	Sq.m	96.60	39,606.00
10	Pointing on brick work or brick flooring with cement mortar 1:3 (1cement :3fine sand) - Raised and cut pointing.	1,900.00	Sq.m	72.90	138,510.00
11	Applying <b>exterior</b> 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).	5,600.00	Sq.m	20.55	115,080.00
12	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 strutted 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.	6,300.00	R.M	8.45	53,235.00
13a	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	2.50	MT	7,563.80	18,909.50
b	Erection of Steel work out lined in item No.13a 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.	2.50	MT	3,241.60	8,104.00

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
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 B.H.E.L at their stores.	2.50	MT	596.50	1,491.25
	<b>Total Value of work</b>			<b>Total Rs:</b>	<b>8,276,057.60</b>
<b>Total : Rs. Eighty two lakhs seventy six thousand fifty eight only</b>					

**Note:** Service tax is extra as applicable, which will be reimbursable to the agency on production of Valid documents.

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

Tender %	In figure	In words
Excess		
Less		
Estimated value		

Name of the Contractor :

Signature of the Contractor

Accounts Representative

Opening officer