



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

SCHEDULE- A

Tender Notice No:

HY/FCD/OT-12/16-17, Dt: 27.09.2016

PRICE BID

Item no.: 1

**Name of work:- Providing of concertina coil and barbed wire fencing over wall running from vendor complex to the new PE & SD building.**

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
1	<b>Providing and fixing concertina coil fencing</b> with punched tape concertina coil 600 mm dia 10 metre open able length (Total length 90M), having 50No.s rounds per 6 metre length, upto 3 m height of wall with existing angle iron 'Y' shaped placed 2.4M or 3.00 m apart and with 9 horizontal RBT reinforced barbed wire, stud tied with GI staples and GI clips to retain horizontal , including necessary bolts or GI barbed wire tied to angle iron, all complete as per direction of Engineer-in-charge, with reinforced barbed tape (RBT) / Spring Core (2.5mm think) wire of high tensile strength of 165 Kg/Sq.mm with tape (0.52mm) and weight 43.478 gm/Metre(Cost of MS angle , CC blocks shall be paid separately). The agency shall make his own arrangements for fixing of 'Y' shaped angles in the existing compound wall pillars by making hole with machinery.	110.00	RM	269.20	29,612.00
2a	<b>Fabrication of structural steel</b> 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 etc. complete all as directed by Engineer-in-charge.	0.75	MT	8,871.00	6,653.25

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
2b	<b>Erection of Steel work</b> out lined in item No.2a 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 etc. complete all as directed by Engineer-in-charge.	0.75	MT	3,802.00	2,851.50
3	<b>Painting at site of all structural steel work</b> with 2 coats of aluminium paint / synthetic enamel paint of approved shade to flower saplings etc., with aluminium paint as required etc., complete all as directed by Engineer-in-charge. <b>The required paint only will be issued free of cost by B.H.E.L at BHEL stores.</b>	0.75	MT	696.07	522.05
4	Dismantling <b>brick masonry</b> walls for all heights, removing and clearing the debris 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 all as directed by Engineer-in-charge.	3.04	Cu.m	641.75	1,949.32
5	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) etc. complete all as directed by engineer-in-charge. <b>-The cement will be issued free of cost by BHEL at BHEL Stores.</b>	7.44	Cu.M	3547.40	26383.79
6	Plastering in <b>CM 1:6 , 20 mm</b> thick to internal and external surfaces of walls (Existing or new surface) including the cost of all materials , labour , curing etc., complete all as directed by engineer-in-charge -Upto 10.00 M level. <b>- The cement will be issued free of cost by BHEL at BHEL Stores.</b>	77.00	Sq.m	124.00	9548.00
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 <b>1:2:4</b> (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size ) etc. complete all as directed by Engineer-in-charge. <b>The cement will be issued free of cost by BHEL at BHEL Stores.</b>	1.00	Cu.m	2656.00	2656.00

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
8	Applying exterior emulsion paint two coats of given shade on external new plastered surfaces or on existing wall surface , flower saplings (30 No.s) including scraping the old surfaces ,cost of all labour and other incidentals etc. complete all as directed by engineer-in-charge. <b>(Only exterior emulsion paint will be supplied by BHEL).</b>	600.00	Sq.M	37.10	22,260.00
<b>Total Value of work</b>				₹	<b>1,02,435.91</b>

<b>Note:</b>	
1	A penalty of 0.5% of the gross value of work will be levied for every week's delay of work or part there of subject to a maximum penalty of 10% of the gross value of work executed after the period of completion.
2	The rates are inclusive of all taxes and duties except Service tax, swachh bharat cess, krishi kalyan cess which is extra as per service tax norms will be paid by BHEL to the agency after submission of necessary documents.
3	The tender percentage quoted by the contractor shall be inclusive of all taxes and duties other than service tax, swachh bharat cess, krishi kalyan cess as applicable from time to time.
4	All the bills of the contractors will be cleared subject to the production of clearance certificate by the contractors in respect of compliance of all statutory requirement, issued by IR section of HR department BHEL.
5	The agency shall submit the I.R. clearance certificate for the above work and arrange to get the final bill sent to Finance within one month from the actual date of completion of work.
6	The maintenance period of the work is <b>6 months</b> . The security deposit will be released after satisfactory completion of the work and after getting I.R clearance and payment of final bill.
7	All general conditions of the contract and NIT conditions are applicable to this work.
8	The contractor shall employ only such personnel who have not been found unfit for employment in Organizations such as Central/State/Public Undertakings by the Police authorities.

**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		