



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

SCHEDULE- A

Tender Notice No:

HY/FCD/OT-27/14-15, Dt: 18.09.14

PRICE BID

Item no.: 3

Name of work: Realignment of crane girder and rails in 51 block B-C bay at a height of 12.00 M.

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
1	Dismantling of steel structure at an height of 12.0M and more of built up type , sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. etc. including transporting and dismembering and stacking within a lead of 2.00 KM.	13.00	MT	802.07	10,426.91
2	Re-alignment of new rails : Dismantled existing rail as required including existing rail clamps etc., realignment of existing rails using proper shims for leveling , cutting of rails at irregular/damaged joints, closing in the joints leaving an expansion gap of 10mm between rails, welding the clamps to the girder at specified intervals and clamping the rail. The rails are to be realigned carefully to ensure the relative distance between the rail and the DSL line is not disturbed. Minimum of 2 SW, 2 SSW and 2 USW shall be engaged for the above work. The rate includes tools, machinery, labours, All required Safety PPE`s etc. <u>Edge of the end rails (adjacent rails) are to be cut at an angle of 45-Degree before laying and joining each other in the longitudinal direction.</u> (Only rail clamps, welding electrodes, and rails shall be issued free of cost at BHEL stores).	340.00	RM	175.74	59,751.60

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
3	Dismantling/Removal of the damaged/worn-out rail sections , and Erection and alignment of rails to an even level with proper shims and clamps. The dismantled rails are to be conveyed and stacked at the departmental stores up to a lead of 2.00KM.(Only rails, clamps and welding electrodes shall be issued free of cost at BHEL stores).	5.30	MT	4,153.34	22,012.70
4	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 bolts/rivets and electrodes for site welding purpose as necessary. Including site connections comprising of sag rods, floor beams, girders, bracings, trusses , frame works, purlins with channel / angles, MS flat supports including all connections as per detailed drawings of the 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 with 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.	28.00	MT	6,747.58	1,88,932.24
5	Erection of Steel work out lined in item No.4 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 as required.	28.00	MT	2,891.80	80,970.40
6	Site painting of all structural steel work with 2-coats of aluminum paint / synthetic enamel paint of approved shade to all the members e.g. trusses, columns, girders, bracings etc., over a coat of red-oxide primer with aluminum paint or synthetic enamel paint as required etc., complete. The required paint EXCEPT Red oxide primer only will be issued by B.H.E.L FREE of cost at their stores.	28.00	MT	494.50	13,846.00

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
7	Supply of 16-mm foundation embedded bolts of 10 cm length along with nuts etc. and fixing by chamfering and welding to the existing/damaged bolts top. The cost includes fixing of bolts by welding, fixing of nut as directed by the Engineer-in-charge Etc. all complete.	1,360.00	Each	31.00	42,160.00
	Total Value of work			₹	4,18,099.85
Total : ₹ Four lakhs eighteen thousand ninety nine and eighty five 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		