



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

SCHEDULE- A

Tender Notice No:

HY/FCD/OT- 14 /2010-11 , Dt:- 27.08.2010

PRICE BID

Item no : 2

Name of work:- Replacement of AC sheet roofing / side cladding with galvalume sheets in 02 Block

SI No	Description	Quantity	Unit	Rate Rs.	Amount Rs.
1	Removal Existing roof/side cladding of AC Sheets roofing, louvers side cladding carefully including necessary scaffolding, loading, carting, unloading etc., with in the premises and handing over to BHEL store the useful materials up to a lead of 2 km as directed.	38000.00	Sqm	43.65	1658700.00
2	Fixing of Tracdek Hi-rib single skin bare galvalume / Zinalume sheets of 0.5 mm thick 1 mtr width and length upto 12 mts 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 galvanised hex head self drilling screws with integral washers and EPDM seals (4 fasteners for support) for sheet etc., complete cost of all materials except galvalume sheets which will be issued on free of cost by BHEL at their stores as directed. - For roofing, side cladding and louvers with necessary fixtures.				
a	Bare Galvalume	10000.00	sqm	100.00	1000000.00
b	Colour Galvalume	28000.00	sqm	100.00	2800000.00
3	Fixing North Light curves in required girth with 0.5 mm color galvalume sheets upto a length of 2.5 M having curved width upto 600 mm fixing to the steel members with self drilling / self stitching, fasteners at a maximum of 500 mm c/c along the length of capping, flashing etc., complete as directed by Engineer-in-charge including the cost of all materials, labour etc., complete. - (North Light Curves only will be issued free of cost by BHEL at their Stores).	2550.00	RM	100.00	255000.00

SI No	Description	Quantity	Unit	Rate Rs.	Amount Rs.
4	Fixing barge boards in required girth (200 mm horizontal, 200 mm vertical) with 0.50 mm color galvalume sheets upto a length of 2.50 M, fixed to steel members with self drilling / self stitching fasteners at maximum 500 mm c/c along the length of capping, flashing etc., complete as directed by Engineer-in-charge including the cost of fixtures, fittings, Labour etc., complete. - (Barge boards only will be issued on Free of cost by BHEL at their stores).	425.00	RM	75.00	31875.00
5	Fixing flashing of 0.50 mm thick color galvalume sheets with self drilling / self stitching fasteners , labour etc complete as directed by Engineer-in-charge.(Flashings only will be issued on Free of cost by BHEL at their stores).	155.00	Sq.m	75.00	11625.00
6	Applying two coats of synthetic enamel paint of given shade to old steel work at all heights upto a height of 20m (approx), including scraping old surfaces, cost of all labour, tools and other incidentals etc.complete. (Only Synthetic enamel Paint will be supplied by BHEL)	560.00	M T	596.50	334040.00
7	Fixing of rain water gutter of 3.15 mm thick MS sheets to required shape & slope compatible with roofing and coloured wall panelling system, at truss level with necessary rebitting with self threaded screws and finishing the joints with necessary welding to make water tight.(Only rain water gutters will be issued by BHEL on FREE of cost at their stores).	2550.00	Sqm	100.00	255000.00
8	Dismantling & stacking of spoiled M.S. Rain water gutters including loading, carting, unloading etc., with in the premises up to a lead of 2 km as directed.	48.00	M T	890.11	42725.28
9	Supplying and fixing plain PVC pipe of 200 mm dia of approved quality of 6kg/sq.m pressure with specials, accessories and approved sealing /jointing compound on the exterior of the inserted portion of the fitting and fixing in position and joining to MS gutters , including cost of all materials ,sealing compound ,labour etc., for all heights complete	1030.00	RM	640.17	659375.10

SI No	Description	Quantity	Unit	Rate Rs.	Amount Rs.
10	Supplying and fixing 5 mm thick Multi wall polycarbonate sheets and anodised aluminium glazing bars together with complete accessories for North light glazing of Factory blocks including cost of all materials, labour etc.	380.00	Sq.m	1207.50	458850.00
11	Dismantling & stacking of spoiled Rain water down take pipes including loading, carting, unloading etc., with in the premises up to a lead of 2 km as directed.	1030.00	R M	40.00	41200.00
12	Supply & fixing of fibre reinforced acrylic roofing sheets 3mm thick, of light blue / white shade of approved brand to match with galvalume corrugated sheets including cost of all materials such as `J' bolts, nuts, washers etc., and fixing at all heights of the factory blocks etc., complete as directed.	620.00	Sq.m	1302.00	807240.00
13	Providing Galvalume sheet ridges of same colour of roof sheet Fixing to steel members with self drilling fastners at Max. 500 mm C/C along length of Caping etc; cost of all materials, labour Complete as directed.	90.00	RM	750.00	67500.00
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 only will be issued by BHEL on FREE of cost at their stores.	10.00	MT	7563.80	75638.00

SI No	Description	Quantity	Unit	Rate Rs.	Amount Rs.
b	Erection of Steel work out lined in item No.14 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. The rate includes cost of all material, crane hire charges for erection, labour etc., complete.	10.00	MT	3241.60	32416.00
15	Dismantling steel work in built up sections in angles tees, flats and channels including all guest plates, bolts, cutting rivets, welding etc., including dismembering and stacking within 50 metres lead and handing over to BHEL stores upto a distance of 2 KM.	10.00	MT	890.11	8901.10
				Total in Rs.	85,40,085.48
Total : Rupees Eighty five lakhs forty thousand and eighty five only.					

Note : 1. All required safety precautions shall be taken by the agency. The work will be carried out at an approximate height of 20 M. Prior permission from the BHEL has to be obtained before proceeding with the work at a height of 2.5 m and above.

2. The galvalume sheets, flashing hoods, barge boards, rain water gutters, raw Structural steel, synthetic enamel/aluminium paint, electrodes, gases only will be issued by BHEL on FREE of cost at their stores.

3. Service tax is extra on all items as applicable, which will be reimbursable to the agency on production of Valid documents.

Note : The Tenders are required to quote the tender value on percentage (%) basis at excess or less or on as per estimate value

Tender %	In figure	In words
Excess		
Less		
Estimated value		

Name of the Contractor :

Signature of the Contractor

Accounts Representative

Opening officer