



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

SCHEDULE- A

Tender Notice No:

PRICE BID

HY/FCD/OT- 21 /2010-11 , Dt: -01.12.2010

Item no : 3

Name of work: Repalcement of AC sheets roofing /side cladding with galvalume sheets to 70 block.

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
1	Removing existing Roof/ Side cladding of AC Sheets roofing, louvers side clading including loading, carting, unloading etc., with in the premises up to a lead of 2 km as directed.	17,200.00	Sqm	43.65	750780.00
2	Fixing of Hi-rib single skin bare galvalume / Zinalume sheets of 0.5 mm tk. 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 fastners for support) for sheet etc., complete as directed (Excluding cost of galvalume sheets which will be issued free of cost by BHEL at their stores) - For roofing, side cladding and louvers with necessary fixtures.				
a	Bare Galvalume	11,500.00	sqm	100.00	1150000.00
b	Colour Galvalume	5,700.00	sqm	100.00	570000.00
3	Removing of existing A.C North light curves including loading, carting, unloading etc., with in the premises up to a lead of 2 km as directed.	1,150.00	RM	43.65	50197.50
4	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 galvalume sheets, labour etc., complete.(North Light Curves Will be issued free of cost by BHEL at their Stores).	1,150.00	RM	100.00	115000.00
5	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 galvalume sheets, fixtures, fittings etc., complete. - (Plain Galvalume Sheet will be issued Free of cost by BHEL at their stores).	310.00	RM	75.00	23250.00

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
6	Fixing of 0.50 mm thick color galvalume sheet flashings with self drilling / self stitching fasteners complete as directed by Engineer-in-charge etc., complete. - (Plain Galvalume sheet Will be issued Free of cost by BHEL at their stores).	310.00	Sq.m	75.00	23250.00
7	Applying two coats of synthetic enamel paint of given shade to old steel work at all heights, 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
8	Fabrication & Fixing of MS Rain water gutter with 3.15 mm thick MS sheet to required shape & slope compatible with roofing and coloured wall panelling system, matching in color externally at truss level with necessary rebitting with self threaded screws and finishing the joints with silicon sealant to make water tight. (MS Sheet will be issued free of cost by BHEL at their stores).	1,150.00	Sqm	100.00	115000.00
9	Dismantling & stacking of M.S. Rain water gutter including loading, carting, unloading etc., with in the premises up to a lead of 2 km as directed.	30.00	M T	890.11	26703.30
10	Supplying and fixing plain PVC pipe of 200 mm dia of approved quality 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 (6 kgs/sq.m pressure pipe)	576.00	RM	640.17	368737.92
11	Supply & 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., except service tax.	2,790.00	Sq.m	1207.50	3368925.00
12	Dismantling & stacking of Rain water down take pipes including loading, carting, unloading etc., with in the premises up to a lead of 2 km as directed.	1,116.00	R M	40.00	44640.00
13	Supply & 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; Complete.(The includes the cost of ridges and labour)	415.00	RM	750.00	311250.00

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
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 will be issued by BHEL on FREE of cost at their stores.	10.00	MT	7563.80	75638.00
b	Erection of Steel work out lined in item No.14b 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.	10.00	MT	3241.60	32416.00
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.	10.00	MT	596.50	5965.00
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	5.00	MT	890.11	4450.55

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
16	Supply & fixing of fibre reinforced acrylic roofing sheets 3mm thick, of light blue / white shade & of approved brand to match with AC/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.	180.00	Sq.m	1302.00	234360.00
Under Contractor's Scope				Total Rs:	76,04,603.27
Total : Rs.Seventy six lakhs four thousand six hundred and three only.					

Service Tax:- The Service tax as applicable is extra which will be paid by BHEL to the agency after submission of necessary valid documents by the agency.

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