



An ISO 9001
Company

Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

MATERIALS MANAGEMENT / CAPITAL EQUIPMENT

ENQUIRY

Phone: +91 431 257 70 49

Fax : +91 431 252 07 19

Email : csguna@bheltry.co.in

Web : www.bhel.com

Enquiry Number:	Enquiry Date:	Due date for submission of quotation:
2621000055	08.05.2010	08.06.2010

You are requested to quote the Enquiry number date and due date in all your correspondences. This is only a request for quotation and not an order.

Please note that under any circumstances both delayed offer and late offers will not be considered. Hence vendors are requested to ensure that the offer is reaching physically our office before 14.00 hrs on the Date of tender opening.

Sl. No	Description	Quantity in Nos			Delivery (Item required at BHEL on)
	GROUP A	Light Blue	Off White	Total	
1	0.47 to 0.5mm thick (TCT) Aluminium (around 55%), Zinc (around 43%) alloy coated high tensile steel (Yield strength: 550 Mpa) colour coated steel rib profile sheets as per ASTM A792M, coating std. As per AS1397-1993 having cover width as 1000 plus or minus 10mm and overall width as 1060 plus or minus 10mm in 1500mm length	2900	1400	4300	30.06.2010
2	0.47 to 0.5mm thick (TCT) Aluminium (around 55%), Zinc (around 43%) alloy coated high tensile steel (Yield strength: 550 Mpa) colour coated steel rib profile sheets as per ASTM A792M, coating std. As per AS1397-1993 having cover width as 1000 plus or minus 10mm and overall width as 1060 plus or minus 10mm in 1600mm length	850	-----	850	30.06.2010
3	0.47 to 0.5mm thick (TCT) Aluminium (around 55%), Zinc (around 43%) alloy coated high tensile steel (Yield strength: 550 Mpa) colour coated steel rib profile sheets as per ASTM A792M, coating std. As per AS1397-1993 having cover width as 1000 plus or minus 10mm and overall width as 1060 plus or minus 10mm in 1750mm length	1100	-----	1100	30.06.2010



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		Light Blue	Off White	Total	
4	0.47 to 0.5mm thick (TCT) Aluminium (around 55%), Zinc (around 43%) alloy coated high tensile steel (Yield strength: 550 Mpa) colour coated steel rib profile sheets as per ASTM A792M, coating std. As per AS1397-1993 having cover width as 1000 plus or minus 10mm and overall width as 1060 plus or minus 10mm in 2000mm length	1100	-----	1100	30.06.2010
5	0.47 to 0.5mm thick (TCT) Aluminium (around 55%), Zinc (around 43%) alloy coated high tensile steel (Yield strength: 550 Mpa) colour coated steel rib profile sheets as per ASTM A792M, coating std. As per AS1397-1993 having cover width as 1000 plus or minus 10mm and overall width as 1060 plus or minus 10mm in 2150mm length	2200	-----	2200	30.06.2010
6	0.47 to 0.5mm thick (TCT) Aluminium (around 55%), Zinc (around 43%) alloy coated high tensile steel (Yield strength: 550 Mpa) colour coated steel rib profile sheets as per ASTM A792M, coating std. As per AS1397-1993 having cover width as 1000 plus or minus 10mm and overall width as 1060 plus or minus 10mm in 2500mm length	400	-----	400	30.06.2010
7	0.47 to 0.5mm thick (TCT) Aluminium (around 55%), Zinc (around 43%) alloy coated high tensile steel (Yield strength: 550 Mpa) colour coated steel rib profile sheets as per ASTM A792M, coating std. As per AS1397-1993 having cover width as 1000 plus or minus 10mm and overall width as 1060 plus or minus 10mm in 2750mm length	650	-----	650	30.06.2010
8	0.47 to 0.5mm thick (TCT) Aluminium (around 55%), Zinc (around 43%) alloy coated high tensile steel (Yield strength: 550 Mpa) colour coated steel rib profile sheets as per ASTM A792M, coating std. As per AS1397-1993 having cover width as 1000 plus or minus 10mm and overall width as 1060 plus or minus 10mm in 3000mm length	15500	500	16000	30.06.2010



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		Light Blue	Off White	Total	
9	0.47 to 0.5mm thick (TCT) Aluminium (around 55%), Zinc (around 43%) alloy coated high tensile steel (Yield strength: 550 Mpa) colour coated steel rib profile North Light Curve as per ASTM A792M, coating std. As per AS1397-1993 having cover width as 1000 plus or minus 10mm and overall width as 1060 plus or minus 10mm in Std design suitable for industrial application. NL Curve length: As per sketch enclosed.	2500	-----	2500	30.06.2010
10	0.47 to 0.5mm thick (TCT) Aluminium(around 55%, Zinc (around 43%) alloy coated high tensile steel (Yield strength:550 Mpa) colour coated steel plain sheet Corner Flashing or Barge Board as per ASTM A792M, coating std. As per AS1397-1993 in Std design suitable for industrial application- size: As per sketch enclosed.	-----	500	500	30.06.2010
11	0.47 to 0.5mm thick (TCT) Aluminium(around 55%), Zinc (around 43%) alloy coated high tensile steel (Yield strength:550 Mpa) colour coated steel plain sheet North Light Curve – Barge Board (Right) as per ASTM A792M, coating std. As per AS1397-1993 in Std design suitable for industrial (application) NL Curve length: As per sketch enclosed.	-----	50	50	30.06.2010
12	0.47 to 0.5mm thick (TCT) Aluminium(around 55%, Zinc (around 43%) alloy coated high tensile steel (Yield strength:550 Mpa) colour coated steel plain sheet North Light Curve – Barge Board (Left) as per ASTM A792M, coating std. As per AS1397-1993 in Std design suitable for industrial (application) NL Curve length: As per sketch enclosed.	-----	50	50	30.06.2010
13	0.47 to 0.5mm thick (TCT) Aluminium(around 55%, Zinc(around 43%) alloy coated high tensile steel (Yield strength:550 Mpa) colour coated steel plain sheet Ridge Plain as per ASTM A792M, coating std. As per AS1397-1993 in Std design suitable for industrial application- size: 2500mm x 300mm x 300mm (As per sketch enclosed).	-----	500	500	30.06.2010



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Sl. No	Description	Quantity in Nos			Delivery (Item required at BHEL on)
		Light Blue	Off White	Total	
14	0.47 to 0.5mm thick (TCT) Aluminium (around 55%), Zinc (around 43%) alloy coated high tensile steel (Yield strength: 550 Mpa) colour coated steel plain sheet Opening Flashing as per ASTM A792M, coating std. As per AS1397-1993 in Std design suitable for industrial application. End Curve on eaves length: As per sketch enclosed.	700	----	700	30.06.2010
	Group A Total (1 – 14 items)			30900	
	GROUP B				
15	0.47 to 0.5mm thick (TCT) Aluminium (around 55%), Zinc (around 43%) alloy coated high tensile steel (Yield strength: 550 Mpa) colour coated steel rib profile sheets as per ASTM A792M, coating std. As per AS1397-1993 having cover width as 1000 plus or minus 10mm and overall width as 1060 plus or minus 10mm in 3000mm length	4635	515	5150	30.06.2010
16	0.47 to 0.5mm thick (TCT) Aluminium (around 55%), Zinc (around 43%) alloy coated high tensile steel (Yield strength: 550 Mpa) colour coated steel rib profile sheets as per ASTM A792M, coating std. As per AS1397-1993 having cover width as 1000 plus or minus 10mm and overall width as 1060 plus or minus 10mm in 2500mm length	450	50	500	30.06.2010
17	0.47 to 0.5mm thick (TCT) Aluminium (around 55%), Zinc (around 43%) alloy coated high tensile steel (Yield strength: 550 Mpa) colour coated steel rib profile sheets as per ASTM A792M, coating std. As per AS1397-1993 having cover width as 1000 plus or minus 10mm and overall width as 1060 plus or minus 10mm in 2000mm length	3330	370	3700	30.06.2010



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18	0.47 to 0.5mm thick (TCT) Aluminium (around 55%), Zinc (around 43%) alloy coated high tensile steel (Yield strength: 550 Mpa) colour coated steel rib profile sheets as per ASTM A792M, coating std. As per AS1397-1993 having cover width as 1000 plus or minus 10mm and overall width as 1060 plus or minus 10mm in 1500mm length	1215	135	1350	30.06.2010
Sl. No	Description	Quantity in Nos			Delivery (Item required at BHEL on)
		Light Blue	Off White	Total	
19	0.47 to 0.5mm thick (TCT) Aluminium (around 55%), Zinc (around 43%) alloy coated high tensile steel (Yield strength: 550 Mpa) colour coated steel rib profile sheets as per ASTM A792M, coating std. As per AS1397-1993 having cover width as 1000 plus or minus 10mm and overall width as 1060 plus or minus 10mm in 1200mm length	270	30	300	30.06.2010
20	0.47 to 0.5mm thick (TCT) Aluminium (around 55%), Zinc (around 43%) alloy coated high tensile steel (Yield strength: 550 Mpa) colour coated steel rib profile North Light Curve as per ASTM A792M, coating std. As per AS1397-1993 having cover width as 1000 plus or minus 10mm and overall width as 1060 plus or minus 10mm in Std design suitable for industrial application. NL Curve length: As per sketch enclosed.	2700	-----	2700	30.06.2010
21	0.47 to 0.5mm thick (TCT) Aluminium(around 55%, Zinc (around 43%) alloy coated high tensile steel (Yield strength:550 Mpa) colour coated steel plain sheet Corner Flashing or Barge Board as per ASTM A792M, coating std. As per AS1397-1993 in Std design suitable for industrial application- size: As per sketch enclosed.	-----	300	300	30.06.2010



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22	0.47 to 0.5mm thick (TCT) Aluminium(around 55%), Zinc (around 43%) alloy coated high tensile steel (Yield strength:550 Mpa) colour coated steel plain sheet North Light Curve – Barge Board (Right) as per ASTM A792M, coating std. As per AS1397-1993 in Std design suitable for industrial (application) NL Curve length: As per sketch enclosed.	-----	30	30	30.06.2010
Sl. No	Description	Quantity in Nos			Delivery (Item required at BHEL on)
		Light Blue	Off White	Total	
23	0.47 to 0.5mm thick (TCT) Aluminium(around 55%), Zinc (around 43%) alloy coated high tensile steel (Yield strength:550 Mpa) colour coated steel plain sheet North Light Curve – Barge Board (Left) as per ASTM A792M, coating std. As per AS1397-1993 in Std design suitable for industrial (application) NL Curve length: As per sketch enclosed.	-----	30	30	30.06.2010
Group B Total (15 –23 items)				14060	
<p>BHEL commercial terms & conditions with Price Bid and Bank Guarantee formats can be downloaded from BHEL web site http://www.bhel.com or from the Government tender website http://tenders.gov.in (public sector units) Bharat Heavy Electricals Limited page) under Enquiry reference “2621000055”.</p>					
<p>Tenders should reach us before 14:00 hours on the due date Tenders will be opened at 14:30 hours on the due date Tenders would be opened in presence of the tenderers who have submitted their offers and who may like to be present</p>			<p>Yours faithfully, For BHARAT HEAVY ELECTRICALS LIMITED</p> <p>Sr. Manager / MM / Capital Equipment</p>		

Note :

- Offer should be submitted in two part system as per terms and conditions enclosed. Rate should be quoted per number only. The unit rate shall be quoted for all the items. Tender sl. No. 1 to 14 form Group A and Tender sl. No. 15 to 23 form Group B. In case of order on the successful bidder two separate Purchase orders – one for Group A and another for Group B will be released. All the items shall be procured from a single vendor only in order to have the same profile and uniformity in colour shade. Hence price evaluation and ranking will be done by clubbing the prices for all the 23 items as a single package. However prices shall be quoted item wise only and in case of Reverse Auction also only the package will be considered. Offers from vendors not quoting for all the 23 items as a package will be rejected and will not be considered for processing.



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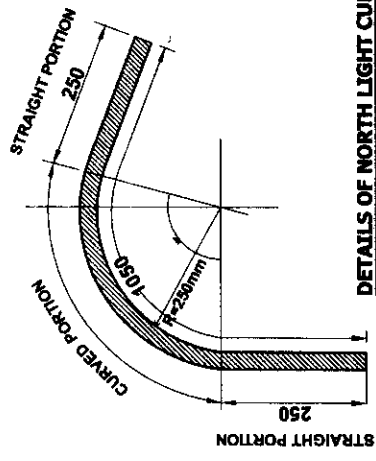
Tiruchirappalli – 620014, TAMIL NADU, INDIA

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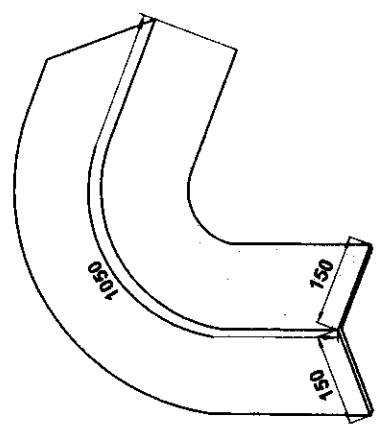
2. Sample piece along with technical literature shall be produced for technical evaluation.
3. The vendor may opt for suggested design pattern for accessories like North Light Curve (Drawing enclosed), Barge-board, NL curve barge-board (Right/Left), Opening Flashing.
4. The vendor shall be able to produce test certificate for their product confirming to the specifications and the tests stipulated in relevant standards and codes.
5. the vendor shall guarantee their product for one year after erection and replace the sheets against damage due to quality and manufacturing defects at free of cost within guarantee period of one year for which performance bank guarantee for 10% purchase order value may be obtained.
6. the vendor should arrange for inspection of alloy coated high tensile steel (Yield Strength : 550 Mpa) colour coated steel rib profile sheets and the tests at their works before dispatch. The intimation for inspection should be given at least 10 days in advance.
7. Suitable clause has to introduce for the scope of unloading the alloy coated high tensile steel (Yield Strength : 550 Mpa) colour coated steel rib profile sheets at BHEL site. Successful vendor has to submit product catalogue, erection and fixing details – 3 sets for BHEL reference.

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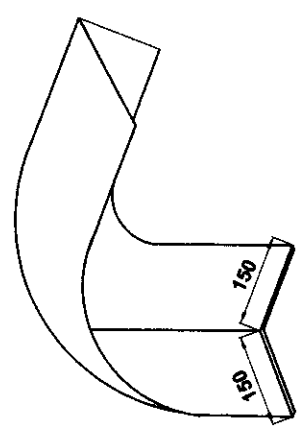
DRAWING FOR TENDER SL-NOS 1 to 14



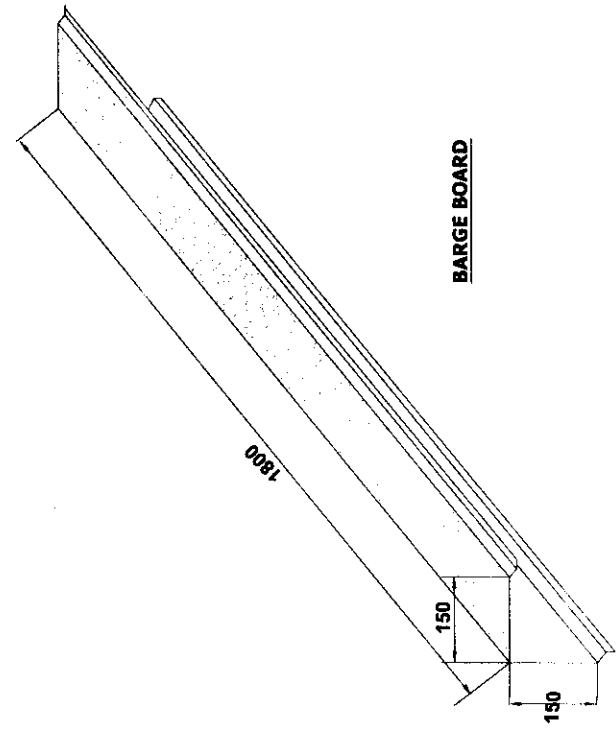
DETAILS OF NORTH LIGHT CURVE



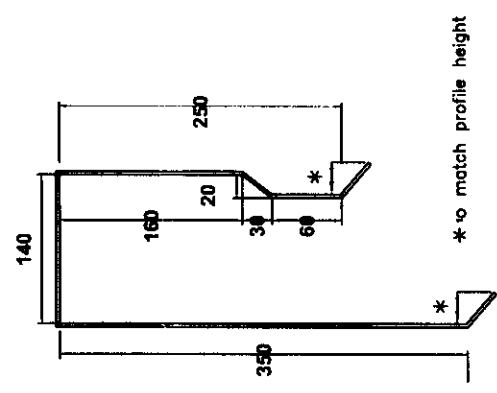
NORHLIGHT CURVE LEFT BARGE BOARD (PROFILE TO MATCH NORTH LIGHT CURVE) (CURVE LENGTH 1050MM)



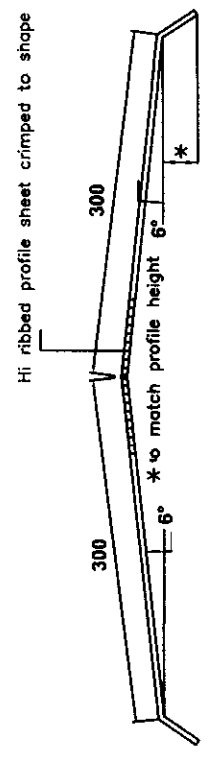
NORHLIGHT CURVE RIGHT BARGE BOARD (PROFILE TO MATCH NORTH LIGHT CURVE) (CURVE LENGTH 1050MM)



BARGE BOARD



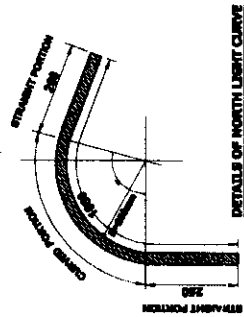
DETAILS OF OPENING FLASHING



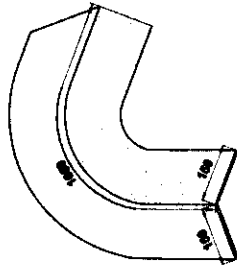
DETAILS OF RIDGE PIECE

Handwritten notes and signatures at the bottom right of the drawing.

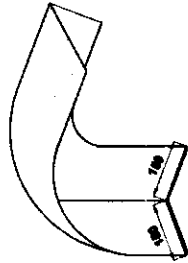
DRAWING FOR TENDER SL.NO'S 15 TO 23



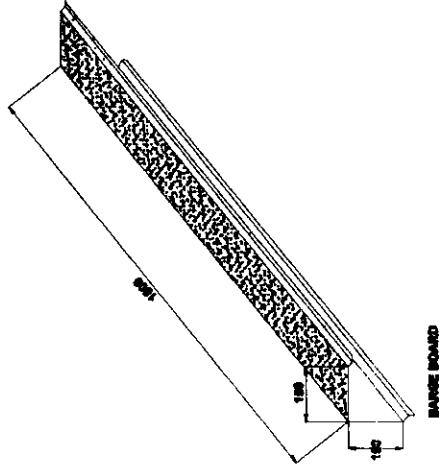
DETAILS OF NORTH LIGHT CURVE



NORTH LIGHT CURVE LEFT HAND RAISED (PARALLEL TO MATCH NORTH LIGHT CURVE) (CURVE LENGTH 100)



NORTH LIGHT CURVE RIGHT HAND RAISED (PARALLEL TO MATCH NORTH LIGHT CURVE) (CURVE LENGTH 100)



NORTH LIGHT CURVE

22/04/10

KAL. RAJENTHIREN
DEPUTY MANAGER
CIVIL / FACTORY PLANNING
B.H.E.L., TRICHY-14.