



ISO 9001:2000
&14001:2004
NAVARATNA
COMPANY

BHARAT HEAVY ELECTRICALS LTD.
CENTRAL FOUNDRY FORGE PLANT,
RANIPUR, HARIDWAR ,UTTRAKHAND (INDIA) – 249403
Phone No.+91-1334-281277/284548,FAX No. 225892
e-mail :manoj26@bhelhwr.co.in,
ranjank@bhelhwr.co.in,rksingh@bhelhwr.co.in

Sub: Open Tender Enquiry No: 3654P/360/1/0779R1 due on 16.07.2012, at 2.00 PM

Dear Sir,

We are pleased to invite offer as per enclosed technical specification, drawings (if any) with terms and conditions in sealed covers for the under mentioned items.

S.No	Tender No	Description of Material	Qty	Date & Time of Opening
01	3654P/360/1/0779R1	Water Cooled Roof Assembly with outer inner roof ring.	01No.	16.07.2012, at 2.00 PM

Kindly read terms and conditions carefully and submit offer in time. Offer not in accordance with the instructions is liable to be disqualified and or ignored.

Please visit www.bhel.com or www.bhelhwr.co.in for more details and tender documents.

Vendor who are not registered in CFFP/BHEL also down load Supplier Registration Form from above mentioned website and submit the same dully filled along with offer. Please confirm that SRF is being submitted with your offer if applicable. However please note that if in any case duly filled up SRF along-with all the supporting documents is not received within 15 days of tender opening your offer may be rejected.

Thanking You,

Yours faithfully,
For & On behalf of CFFP BHEL Hardwar

(Ranjan Kumar)
DGM (Purchase)

Note: Kindly refer web for any changes. All corrigenda, addenda, amendments, time extensions, clarifications, etc. to the tender will be hosted only on website. Bidders should regularly visit website to keep themselves updated.



निविदा सूचना
TENDER ENQUIRY

AA-17001

भारत हैवी इलेक्ट्रिकल्स लिमिटेड
Bharat Heavy Electricals Ltd

सेन्ट्रल फाउन्ड्री फॉर्ज प्लांट - हरिद्वार - २४६४०३ (भारत)

Central Foundry Forge Plant, Hardwar-249403 (INDIA)

Phone : (0091) 01334-285356, 285326

Fax : 01334-225892/226458

UPTT NO. HR-0041496 Dt. 01-04-1994
C S T NO. HR-5018287 Dt. 16-03-1995

निविदा सूचना सं. ENQUIRY NO.*	3654 P/ 360/1/0779R1	दिनांक Date	15-06-2012
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कृपया निम्नलिखित के लिए निविदा दें। PLEASE QUOTE FOR THE FOLLOWING :

M/S. ::
:
:
:
INDIA

DUEDATE 16-07-2012
Vendor Code 09285

SL	MATERIAL CODE ITEM DESCRIPTION	QUANTITY	UNIT	LOTNO	LOT DELIVERY QTY SCHEDULE
1	FF8122511678 DRG: 02-02-092 R0 REV: WATER COOLED ROOF ASSLY WITH OUT INNER ROOF RING AS PER DRAWING.	1	NO	1	1 30/10/12

** IMPORTANT: This enquiry is 2 part tender. Techno-Commercial bid (Part-1) & Price Bids (Part-2) should be submitted in separate envelopes. These two envelopes should be submitted in a common sealed envelope. Techno-Commercial Bid shall contain detailed Technical Specification, Drawings Technical documents, Catalogues, taxes & duties, payment terms, delivery period, Validity of offer, Replica of Price Bid (Copy of price bid without price part) etc. The confirmation to the special terms & conditions must be submitted alongwith Techno-Commercial bid.

Standard Instructions:
TEST CERTIFICATE REQUIRED.
GUARANTEE CERTIFICATE REQUIRED.
PRE-INSP AT YOUR WORKS PRIOR DESP.
BASIC RATES, TAXES DUTIES SEPERATELY
CENVATABL DUPLICATE COPY OF INVOICE.

Special Instructions:
SPECIAL INSTRUCTION:-

- =====
- (A) VALIDITY OF OFFER SHOULD BE MIN90 DAYS FROM DATE OF OPENING.
 - (B) OFFER MUST BE SUBMITTED STRICTELY IN LINE WITH SPECIFICATION, TERMS & CONDITIONS OF ENQUIRY ELSE OFFER MAY LIKELY BE IGNORED.
 - (C) ALL TAXES/DUTIES/LEVIES ETC. MUST BE SPECIFIED SEPERATELY IN AMOUNT OR IN PERCENTAGE. INCOMPLETE OFFER SHALL NOT BE ACCEPTABLE.
 - (D) PLEASE QUOTE ON F.O.R. DESTINATION (CFFP/BHEL), FREIGHT PRE PAID BASIS ONLY.
 - (E) IN CASE VENDOR DO NOT ACCEPT CFFP,S PAYMENT TERMS AS PER ENQUIRY PROPER LOADING SHALL BE DONE.
 - (F) PRE- INSPECTION AS PER BASED ON TC/GC OF THE PARTY WORKS.
 - (G) DULY FILLED & SIGNED WITH COMPANY SEAL"ANNEXURE-I &III TO BE SUBMITTED ALONGWITH OFFER.
 - (H) DRAWINGS NO. 02-02-092 ,093,094,& 095 ARE ENCLOSED.

Page No 1

★ महत्वपूर्ण : कृपया कोटेशन देने से पूर्व पीछे दिए गये अनुदेशों को ध्यानपूर्वक पढ़िये।

IMPORTANT : PLEASE READ CAREFULLY THE INSTRUCTIONS GIVEN ON REVERSE BEFORE QUOTING



निविदा सूचना
TENDER ENQUIRY

भारत हैवी इलैक्ट्रिकल्स लिमिटेड
Bharat Heavy Electricals Ltd
सेंट्रल फाउन्ड्री फॉर्ज प्लांट - हरिद्वार - २४६४०३ (भारत)
Central Foundry Forge Plant, Hardwar-249403 (INDIA)

AA-17001

Phone : (0091) 01334-285356, 285326

Fax : 01334-225892/226458

UPTT NO. HR-0041496 Dt. 01-04-1994
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निविदा सूचना सं. ENQUIRY NO.*	3654 P/ 360/1/0779R1	दिनांक Date	15-06-2012
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कृपया निम्नलिखित के लिए निविदा दें। PLEASE QUOTE FOR THE FOLLOWING :

MATERIAL CODE	QUANTITY	UNIT	LOTNO
ITEM DESCRIPTION			

(I) "ANNEXURE" I, II, III, & IV ARE ENCLOSED.

General Instructions:

1. Please submit authorization letter (format enclosed) for facilitating e-payment/electronic transfer of funds
 2. 100% payment within 30 days after receipt & acceptance of material at CFFP BHEL, Hardwar through e-payment.
 3. CFFP/BHEL RESERVES THE RIGHT TO PRE-INSPECT THE MATERIAL AT VENDOR'S WORKS / GODOWN/ PREMISES BEFORE DESPATCH.
 4. ORIGINAL MANUFACTURER'S TEST CERTIFICATE IS REQUIRED ALONG WITH DESPATCH DOCUMENTS. IN CASE SUPPLIES ARE FROM TRADERS, IT SHALL BE THE RESPONSIBILITY OF THE TRADER TO PROVIDE ORIGINAL MANUFACTURER'S TEST CERTIFICATE WITH LINKAGE TO TRADER'S INVOICE STATING BATCH NO.
 5. CFFP/BHEL Reserves the right to procure from more than one vendor.
 6. Please quote prices in figures & words both. In case the prices quoted in words and figures are different, the values indicated in words will be considered for evaluation & establishing L1 status.
- * The offers of the bidders who are on the banned list as also the offers of the bidders, who engage the services of the banned firms, shall be rejected. The list of banned firms is available on web site www.bhel.com


MANOJ KUMAR YADAVA
ENGR

★ महत्वपूर्ण : कृपया कोटेशन देने से पूर्व पीछे दिए गये अनुदेशों को ध्यानपूर्वक पढ़िये।

IMPORTANT : PLEASE READ CAREFULLY THE INSTRUCTIONS GIVEN ON REVERSE BEFORE QUOTING

Tender Enquiry No: 3654P/360/1/0779R1

Name of Vendor:-

Confirmation/comments on the conditions given below are mandatory. Please confirm the following or else your offer is liable to be rejected.

S.No.	Description	Vendor Confirmation /Comment
1	Guarantee Certificate as per specification/enquiry shall be provided along with dispatch documents.	
2	Original Manufacturer's Test Certificate as per specification/enquiry shall be provided along with dispatch documents.	
3	Pre Inspection by BHEL shall be done before dispatch of material.	
4	Delivery shall be made on FOR Destination basis, destination being Stores/CFFP/BHEL Haridwar, Freight & Insurance charges to vendor's account.	
5	CFFP Reserves the right to open the price bid through Reverse Auction. Confirm your acceptance / participation.	
6	<p>Payment Terms: <u>For indigenous suppliers:</u> 100% within 30 days after receipt & acceptance of material at CFFP / BHEL, Hardwar through e-payment.</p> <p><u>For Foreign Vendors:</u> Payment through USANCE LC on 70th day of bill of lading date. All bank charges shall be to vendor's account.</p> <p>* In case vendor does not agree, proper loading shall be done.</p>	
7	Validity of offer: Minimum 90 days from tender opening date.	
8	Prices shall be firm till execution of Order.	
9	<p>Liquidated damage : The delivery of the goods shall be made strictly as per time limit specified in delivery schedule of purchase order, failure to supply within this period will make the supplier liable to penalty of 1/2 (half) percent of the price of the goods in arrears per week subject to a maximum of 10%.</p> <p>In case tenderer does not agree for LD clause BHEL will load maximum penalty under LD clause, to the extent the same is not agreed by the vendor, for the purpose of comparative statement. Where deliveries quoted by the vendors are not suiting, BHEL may also ignore the offer of the vendor.</p>	
10	Material will be supplied as per delivery schedule required in tender enquiry (FOR CFFP BHEL Haridwar basis). Any request for extension in delivery schedule of Purchase Order will not be considered.	
11	Vendor who are not registered in CFFP/BHEL also down load Supplier Registration Form from website www.bhel.com or www.bhelhwr.co.in and submit the same dully filled along with offer.	
12	Foreign suppliers and their Indian agent (If any) must comply with the terms and condition given in annexure -IV.	
13	Contact person, e-mail id and phone no.	

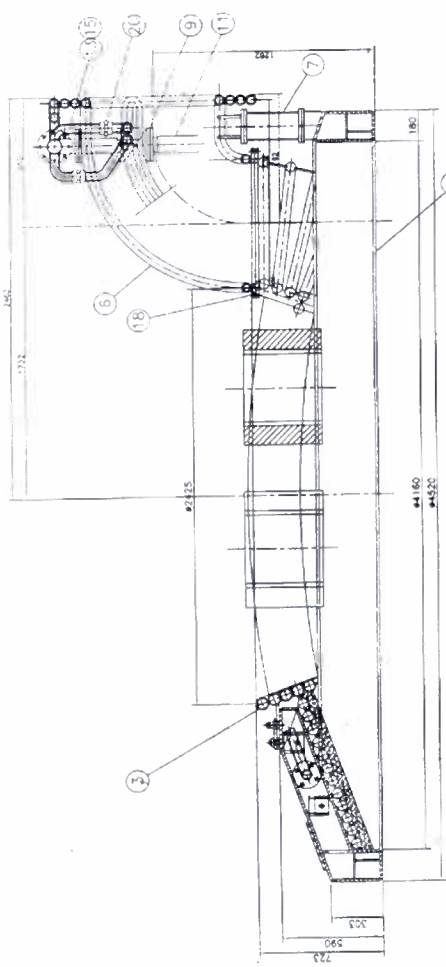
Please note following:

01. In case any column is left blank, it shall be deemed to be accepted by vendor.
02. If any difference is found for any term and condition in the offer and this annexure "A", the terms quoted in this annexure shall be deemed as final and binding on vendor.
03. Evaluation shall be on the basis of delivered cost (i.e.) "total cost to BHEL".

Date:

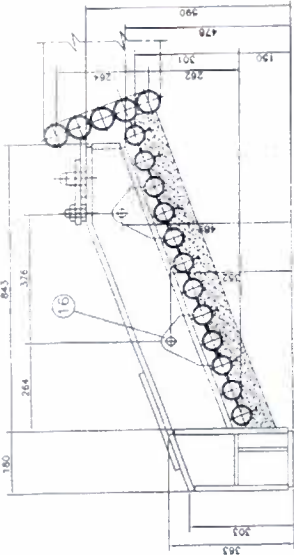
Signature with Seal of the Company.

	DESCRIPTION	Acceptance by Vendor	Remarks by Vendor
	Qualification for bidders		
1	Only those vendors shall qualify for bidding of this water cooled roof assembly who have successfully manufactured, supplied, erected and commissioned minimum one number of similar type of water cooled roof assembly of an electric arc furnace/VAD/LRF of capacity not less than 20T, in the past 7 years as on 01.01.2012 :		
	Documentary proof and performance certificate must accompany along with the bids.		
2	Vendor has to confirm clause wise or put the deviation (if any) to all clauses of tender specifications/drawings in tabular form.		
3	Deviations, if any, must be clearly offered and records of revisions.		
4	Party/ Suppliers are recommended to visit the Plant/Site for first hand appraisal prior to submit the technical offer for better understanding the requirement as well as the drawing of the existing location. Any presumption on part of vendor will be at their own risk and cost.		
5	Approval of detailed drawings by BHEL is to be mandatorily bought by the supplier before commencing the manufacturing of the item(s). Drawings will be approved within 2 weeks of submission of drawings clear and correct in all respect.		

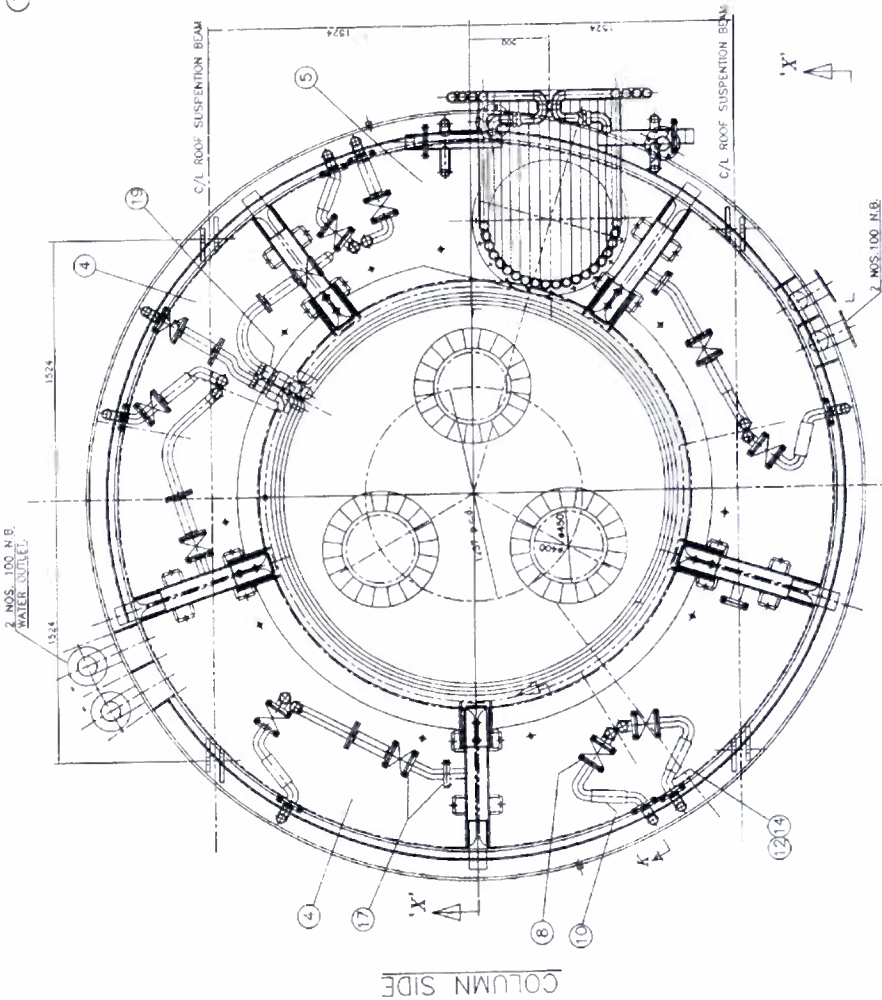


ELEVATION,
SECTION - XX.

① WATER-COOLED ROOF ASSEMBLY.



ENLARGED DETAIL.



COLUMN SIDE



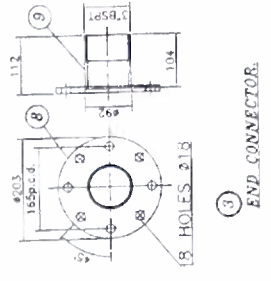
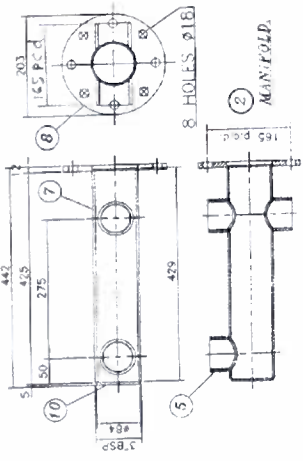
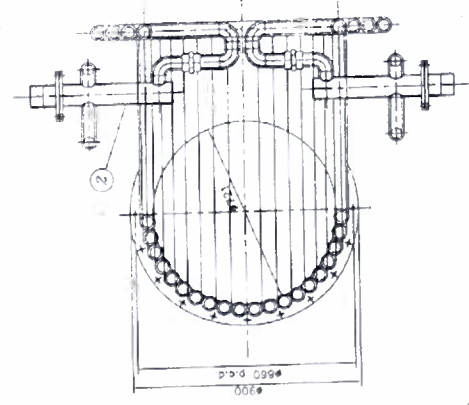
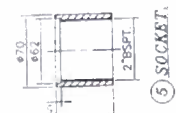
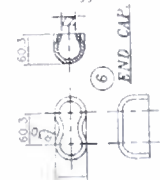
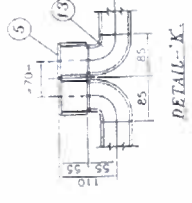
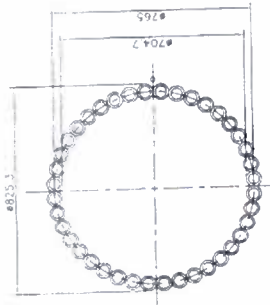
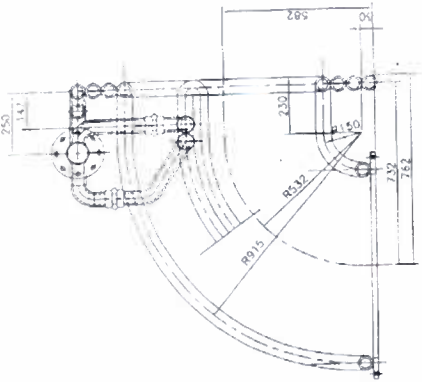
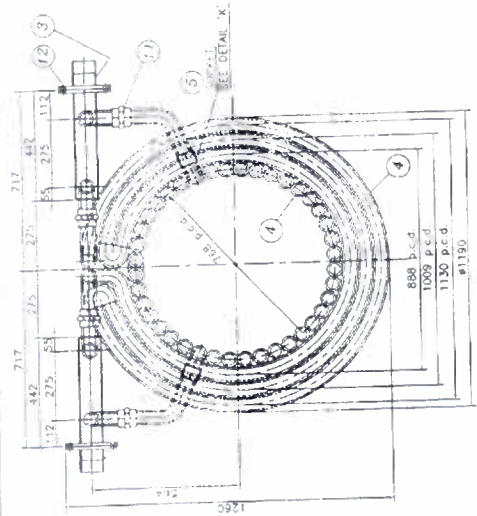
NO.	DESCRIPTION	MAT.	QTY	DRG. SPEC. NO.	REV.
4	20 BORE, QUICK RELEASE COUPLING (For Elbow)				
2	10 NB QUICK RELEASE COUPLING (For Inner Ring)				
20	18 BORE, WASHER & NUT M12 x 20 Lg.				
80	17 BORE, WASHER & NUT M16 x 80 Lg.				
20	18 BORE, WASHER & NUT M24 x 80 Lg.				
104	15 NB ERW PIPE CLASS-B (Cut To Suit)				
24	13 NB ERW PIPE CLASS-B (Cut To Suit)				
24	13 NB WELDABLE BEND (For Elbow Connection)				
24	12 NB WELDABLE BEND				
2	11 SS BRANDED HOSE 80.14 x 100 Lg. COMPLETE				
12	10 SS BRANDED HOSE 50.16 x 200 Lg. COMPLETE				
2	9 NB BALL VALVE FLANGED (For Elbow)				
12	8 NB BALL VALVE FLANGED				
1	7 ELBOW SUPPORT BRACKET				
1	6 DETAIL OF TUBULAR PIPE LAYOUT				
1	5 DETAIL OF TUBULAR ROOF PANEL				
4	4 DETAIL OF TUBULAR ROOF PANEL				
1	3 DETAIL OF INNER ROOF RING				
1	2 DETAIL OF OUTER ROOF RING				
A	1 WATER COOLED ROOF ASSEMBLY				

BHARAT HEAVY ELECTRICALS LTD
 UNIT: CENTRAL FOUNDRY FORGE PLANT
 HARDWARE

DATE: 02.07.09
 02.07.09
 02.07.09
 02.07.09

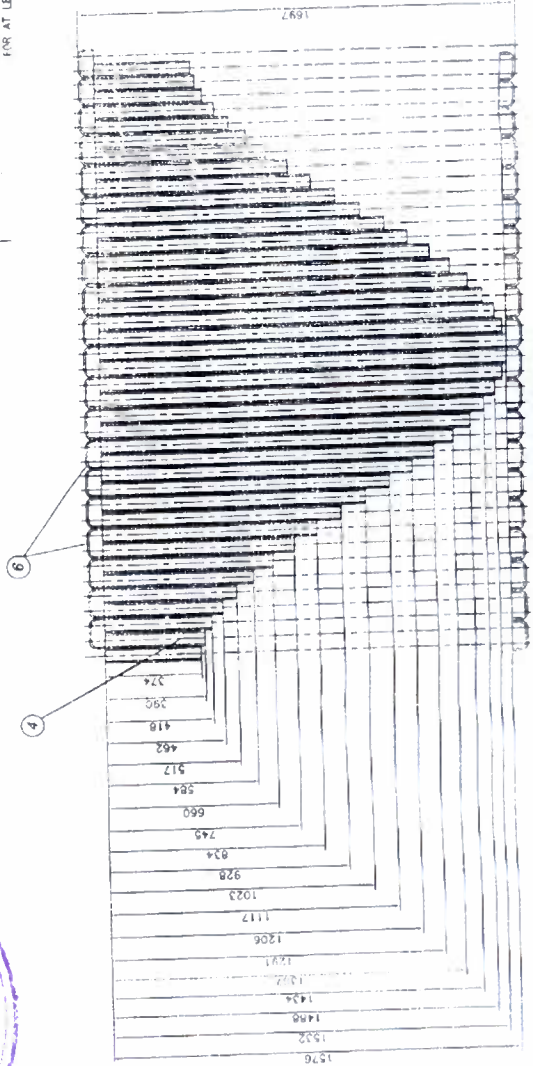
DRG. SPEC. NO. 1000
 SHEET NO. 002
 OF 002

DESIGNED BY: ...
 CHECKED BY: ...
 APPROVED BY: ...



DESIGN BUREAU
 P. F. H. HARBWAR
 28 MAR 1913
 INSITON

NOTES:-
 ALL WELDING SHOULD BE CONTINUOUS & MUST BE FREE FROM
 CRACKS & BLOW HOLES AND TO CONFORM IS:9585.
 ALL WELDING JOINTS TO BE D.P. TESTED.
 THE ELBOW TO BE TRUE TO DIMENSION AND DIMENSIONAL DEVIATION
 OVER ALL SHOULD NOT EXCEED 2/3 mm.
 AFTER COMPLETION OF FABRICATION THE ELBOW TO BE STRESS RELIEVED
 AND HYDRAULICALLY TESTED AT A PRESSURE OF 10 Kg/cm sq
 FOR AT LEAST ONE HOUR.



ITEM NO.	DESCRIPTION	MATERIAL	QTY	UNIT
12	1 1/2" 90° BEND 10.30 d. SCH. 80	ASTM A106-B	MS.	1
13	1 1/2" SCREW WASHER & NUT: M16 x 40 Lg.	MS.	15-1239	15
6	1 1/2" PIPE UNION 2" BSP. STD.	MS.	15-1239	15
1	1 1/2" PLATE 5 TH. x 8B4	MS.	15-1239	15
9	1 1/2" PIPE 2" BSP. SCHEDULE-40 x 104 Lg.	MS.	15-1239	15
7	1 1/2" PIPE FLANGE 3" BS-10 TORQUE	MS.	15-1239	15
8	1 1/2" PIPE 2" BSP. SCHEDULE-40 x 429 Lg.	MS.	15-1239	15
1	1 1/2" 180° END CAP	MIS.FORGED	15-1239	15
3	1 1/2" SOCKET	15-1239	15	15
4	SEAMLESS PIPE 60.3 o.d. / SCHEDULE 80	15-1239	15	15
5	END CONNECTION FOR MANIFOLD (2 NOS. R/R)	15-1239	15	15
2	MANIFOLD WELDED ASSLY. (2 NOS. R/R)	15-1239	15	15
1	TUBULAR ELBOW WELDED ASSLY.	15-1239	15	15

BHARAT HEAVY ELECTRICALS LTD
 UNIT: CENTRAL FOUNDRY FORGE PLANT

SCALE: 1:10
 WEIGHT: 1000 KG

DATE: 28 MAR 1913

DESIGNER: P. F. H. HARBWAR

REVISION: 02,02,095