



Bharat Heavy Electricals Limited
(High Pressure Boiler Plant)
Tiruchirapalli – 620014, TAMIL NADU, INDIA
An ISO 9001 Company

MATERIALS MANAGEMENT

TITLE CORRIGENDUM for NIT-20599	Phone: +91 431 2577025 Fax : +91 431 252 0719 Email : dcm@bheltry.co.in / mmcpmfg3@bheltry.co.in
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Reference Number: Enquiry 2661400881	Enquiry Date: 02.12.2014	Due date for submission of quotation: 27.12.2014
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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

CORRIGENDUM - I

Details of Corrigendum
Annexure- 'A' is enclosed with Enquiry 2661400881 Dated : 02.12.2014
All other terms and conditions as published in the NIT-20599 remain unaltered.

BHEL commercial terms & conditions with Price Bid formats and all annexure 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) under enquiry reference "22661400881"

Tenders should reach us before 14:00 hours on the due date Technical bid 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.

Yours faithfully,


For Bharat Heavy Electricals Limited

D. CHANDRAMOHAN
Senior Manager / MM / RM
Purchase / CP & SP
BHEL, TIRUCHY 620 014.



BHARAT HEAVY ELECTRICALS LIMITED

(A Government of India Undertaking)
HIGH PRESSURE BOILER PLANT
PURCHASE DEPARTMENT - FOSSIL BOILERS
THIRUCHIRAPALLI - 620014
TAMILNADU (INDIA)

PHONE :2577331
GRAMS : BHARATELEC
FAX NO: 2520719
E-mail: srchandran@bheltry.co.in
Web:

429-002/A

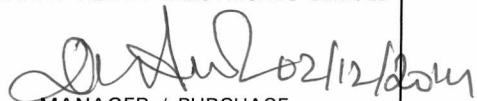
	Enquiry No	Enquiry Date	Due Date for Quotation
	2661400881 - 46	02.12.2014	27.12.2014
Please quote Enquiry No, Date and due date in all correspondences. This is only a request for quotation and not an order			

Item	Description	Unit	Quantity	Delivery Quantity	Schedule Date
10	<p>12G2-DN20 DKO-90 DKO-90,L-750mm, Make: MARKWEL HYDRAULIC HOSE WITH MS FEMALE SWIVEL NUT (WITH 24 DEGREE CONE with O ring) 90 DEG BEND END FITTINGS ON BOTH ENDS TO MATCH WITH THE MALE FITTINGS OF PROFILE AS SHOWN IN ANNEXURE "A" FOR THE FOLLOWING SPECIFICATIONS: HOSE ID :1", HOSE TYPE: DN-20 AT, WORKING PRESSURE:345 BAR, END FITTING SIZE: M36 X 2 (STAND PIPE DIA 28 MM), OVERALL LENGTH: 750 MM</p> <p>GENERAL CONDITIONS FOR ALL ITEMS: In case of equivalents offer the model should match exactly by specification,material of hose,fitting and dimensions of the fittings with the principal make Otherwise the offer will be rejected.</p> <p>1)MAKE OF HOSES : SUPPLIER SHOULD QUOTE OUR ENQUIRED MAKE OR EQUIVALENT IN AEROQUIP / GATES / PARKER MAKE ONLY ACCEPTABLE FOR ALL THE ITEMS.OTHER MAKES ARE LIABLE FOR REJECTION.</p> <p>2)ALL THE HOSES WILL BE TESTED AT SUPPLIER'S WORKS BEFORE DESPATCH TO BHEL. THE SUPPLIER SHOULD SHOW THE PRESSURE TESTING TO DOUBLE THE WORKING PRESSURE AT THEIR WORKS WITH THEIR TEST FACILITY.</p> <p>3)PERFORMANCE GUARANTEE FOR ONE YEAR TO BE PROVIDED FROM THE DATE OF ACCEPTANCE AT BHEL STORES.</p> <p>4)EACH HOSE SHOULD BE STAMPED WITH MAKE, STD, HOSE ID, WORKING PRESSURE, END FITTING SIZE OTHERWISE HOSE WILL NOT BE ACCEPTED.</p> <p>5)DELIVERY PERIOD RECOMMENDED = 2 - 3 MONTHS FROM THE DATE OF PO/LOI.</p> <p>VENDOR QUALIFYING CRITERIA Only those vendors who satisfy the following conditions will get</p>	NO	4.000	4.00	31.01.15

The offers should reach us 30 minutes before the time of opening of tenders.
The offers will be opened at 14.30 hrs on the due date of tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening.Late and delayed offers are liable to be rejected.

D. CHANDRAMOHAN
Senior Manager / MM / RM
Purchase / CP & SP
BHEL, TIRUCHY - 620 014.

Yours faithfully,
For **BHARAT HEAVY ELECTRICALS LIMITED**


MANAGER / PURCHASE
(FOSSIL BOILERS)

Yours faithfully,



BHARAT HEAVY ELECTRICALS LIMITED

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THIRUCHIRAPALLI - 620014
TAMILNADU (INDIA)

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2661400881 / 02.12.2014

qualified to participate in the tender:


- 1.,,Vendor should have minimum 2 years of experience in this field.
- 2.,,The vendor shall enclose Valid DEALERSHIP certificate along with the offer. The offer without a valid dealership certificate is liable for rejection.
- 3.,,Previous PO details for supplying similar kind of items to BHEL and/or any-other Organisation should be submitted along with offer. Otherwise offer will be rejected.
- 4.,,Company profile details has to be provided along with offer.
- 5.,,BHEL reserves the right to visit the vendor's works for verifying the manufacturing facilities and any other credential furnished by the vendor. In case the information furnished with the offers found to be false /incorrect, the offer shall be rejected.

QTY	DESCRIPTION	UNIT	PRICE	TOTAL	DATE
20	12G2-DN20 DKO-0 DKO-0,L-4100mm, Make: MARKWEL HYDRAULIC HOSE WITH MS FEMALE SWIVEL NUT (WITH 24 DEGREE CONE with O ring) STRAIGHT END FITTINGS ON BOTH ENDS TO MATCH WITH THE MALE FITTINGS OF PROFILE AS SHOWN IN ANNEXURE "A" FOR THE FOLLOWING SPECIFICATIONS: HOSE ID :1", HOSE TYPE: DN-20 AT, WORKING PRESSURE:345 BAR, END FITTING SIZE: M36 X 2 (STAND PIPE DIA 28 MM), OVERALL LENGTH: 4100 MM	NO	4.000	4.00	31.01.15
30	12G2-DN20 DKO-0 DKO-90,L-4500mm, Make: MARKWEL HYDRAULIC HOSE WITH MS FEMALE SWIVEL NUT (WITH 24 DEGREE CONE with O ring) 90 DEG BEND END FITTINGS ON ONE SIDE OTHER SIDE STRAIGHT FITTING PROFILE AS SHOWN IN ANNEXURE "A" FOR THE FOLLOWING SPECIFICATIONS: HOSE ID:1", HOSE TYPE: DN-20 AT, WORKING PRESSURE:345 BAR, END FITTING SIZE:M36 X 2 (STAND PIPE DIA 28 MM), OVERALL LENGTH:4500mm	NO	4.000	4.00	31.01.15
40	12G2-DN20 DKO-45 DKO-0,L-3500 mm, Make: MARKWEL HYDRAULIC HOSE WITH MS FEMALE SWIVEL NUT (WITH 24 DEGREE CONE with O	NO	4.000	4.00	31.01.15

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MANAGER / PURCHASE
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2661400881 / 02.12.2014

50	ring)45 DEG BEND ON ONE END AND OTHER STRAIGHT TOMATCH WITHTHE MALE FITTINGS OF PROFILE AS SHOWN IN ANNEXURE "A" FOR THE FOLLOWING SPECIFICATIONS: HOSE ID :1", HOSE TYPE: DN-20 AT, WORKING PRESSURE:345 BAR, END FITTING SIZE: M36 X 2 (STAND PIPE DIA 28 MM), OVERALL LENGTH: 3500MM	NO	4.000	4.00	31.01.15
60	12G2-DN20 DKO-45 DKO-0,L-4500 mm, Make: MARKWEL HYDRAULIC HOSE WITH MS FEMALE SWIVEL NUT (WITH 24 DEGREE CONE with O ring)45 DEG BEND ON ONE END AND OTHER STRAIGHT TOMATCH WITHTHE MALE FITTINGS OF PROFILE AS SHOWN IN ANNEXURE "A" FOR THE FOLLOWING SPECIFICATIONS: HOSE ID :1", HOSE TYPE: DN-20 AT, WORKING PRESSURE:345 BAR, END FITTING SIZE: M36 X 2 (STAND PIPE DIA 28 MM), OVERALL LENGTH: 4500MM	NO	4.000	4.00	31.01.15
70	12G2-DN20 DKO-45 DKO-0,L-1600 mm, Make: MARKWEL HYDRAULIC HOSE WITH MS FEMALE SWIVEL NUT (WITH 24 DEGREE CONE with O ring)45 DEG BEND ON ONE END AND OTHER STRAIGHT TOMATCH WITHTHE MALE FITTINGS OF PROFILE AS SHOWN IN ANNEXURE "A" FOR THE FOLLOWING SPECIFICATIONS: HOSE ID :1", HOSE TYPE: DN-20 AT, WORKING PRESSURE:345 BAR, END FITTING SIZE: M36 X 2 (STAND PIPE DIA 28 MM), OVERALL LENGTH: 1600MM	NO	4.000	4.00	31.01.15
70	12G2-DN20 DKO-45 DKO-45,L-1300mm, Make: MARKWEL HYDRAULIC HOSE WITH MS FEMALE SWIVEL NUT (WITH 24 DEGREE CONE with O ring) 45 DEG BEND END FITTINGS ON BOTH ENDS TO MATCH WITH THE MALE FITTINGS OF PROFILE AS SHOWN IN ANNEXURE "A" FOR THE FOLLOWING SPECIFICATIONS: HOSE ID :1", HOSE TYPE: DN-20 AT, WORKING PRESSURE:345 BAR, END FITTING SIZE: M36 X 2 (STAND PIPE DIA 28 MM), OVERALL LENGTH: 1300mm	NO	4.000	4.00	31.01.15

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MANAGER / PURCHASE
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Yours faithfully,



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Web:


2661400881 / 02.12.2014

Item No	Description	Quantity	Unit	Rate	Amount	Delivery Date
80	12G2-DN16 DKO-0 DKO-0,L-4100mm, Make: MARKWEL HYDRAULIC HOSE WITH MS FEMALE SWIVEL NUT (WITH 24 DEGREE CONE with O ring) STRAIGHT END FITTINGS ON BOTH ENDS TO MATCH WITH THE MALE FITTINGS OF PROFILE AS SHOWN IN ANNEXURE "A" FOR THE FOLLOWING SPECIFICATIONS: HOSE ID :3/4"HOSE TYPE: DN-16 AT, WORKING PRESSURE:345 BAR, END FITTING SIZE: M30 X 2 (STAND PIPE DIA 22 MM), OVERALL LENGTH: 4100 MM	4.000	NO	4.00	16.00	31.01.15
90	12G2-DN16 DKO-45 DKO-0,L-1800 mm, Make: MARKWEL HYDRAULIC HOSE WITH MS FEMALE SWIVEL NUT (WITH 24 DEGREE CONE with O ring)45 DEG BEND ON ONE END AND OTHER STRAIGHT TOMATCH WITHTHE MALE FITTINGS OF PROFILE AS SHOWN IN ANNEXURE "A" FOR THE FOLLOWING SPECIFICATIONS: HOSE ID :3/4"HOSE TYPE: DN-16 AT, WORKING PRESSURE:345 BAR, END FITTING SIZE: M30 X 2 (STAND PIPE DIA 22 MM), OVERALL LENGTH: 1800MM	4.000	NO	4.00	16.00	31.01.15
100	12G2-DN16 DKO-45 DKO-0,L-1400 mm, Make: MARKWEL HYDRAULIC HOSE WITH MS FEMALE SWIVEL NUT (WITH 24 DEGREE CONE with O ring)45 DEG BEND ON ONE END AND OTHER STRAIGHT TOMATCH WITHTHE MALE FITTINGS OF PROFILE AS SHOWN IN ANNEXURE "A" FOR THE FOLLOWING SPECIFICATIONS: HOSE ID :3/4"HOSE TYPE: DN-16 AT, WORKING PRESSURE:345 BAR, END FITTING SIZE: M30 X 2 (STAND PIPE DIA 22 MM), OVERALL LENGTH: 1400MM	4.000	NO	4.00	16.00	31.01.15
110	12G2-DN16 DKO-45 DKO-0,L-3500 mm, Make: MARKWEL HYDRAULIC HOSE WITH MS FEMALE SWIVEL NUT (WITH 24 DEGREE CONE with O ring)45 DEG BEND ON ONE END AND OTHER STRAIGHT TOMATCH WITHTHE MALE FITTINGS OF PROFILE AS SHOWN IN	4.000	NO	4.00	16.00	31.01.15

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Yours faithfully,
For **BHARAT HEAVY ELECTRICALS LIMITED**

D. CHANDRAMOHAN
Senior Manager / MM / RM
Purchase / CP & SP


MANAGER / PURCHASE
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Yours faithfully,

BHEL, TIRUCHY - 620 014.



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Item No	Description	Quantity	Unit	Rate	Amount	Delivery Date
120	ANNEXURE "A" FOR THE FOLLOWING SPECIFICATIONS: HOSE ID :3/4"HOSE TYPE: DN-16 AT, WORKING PRESSURE:345 BAR, END FITTING SIZE: M30 X 2 (STAND PIPE DIA 22 MM), OVERALL LENGTH: 3500MM	4.000	NO	4.00	16.00	31.01.15
130	ANNEXURE "A" FOR THE FOLLOWING SPECIFICATIONS: HOSE ID :3/4"HOSE TYPE: DN-16 AT, WORKING PRESSURE:345 BAR, END FITTING SIZE: M30 X 2 (STAND PIPE DIA 22 MM), OVERALL LENGTH: 500MM	4.000	NO	4.00	16.00	31.01.15
140	ANNEXURE "A" FOR THE FOLLOWING SPECIFICATIONS: HOSE ID :3/4"HOSE TYPE: DN-16 AT, WORKING PRESSURE:345 BAR, END FITTING SIZE: M30 X 2 (STAND PIPE DIA 22 MM), OVERALL LENGTH: 1400mm	4.000	NO	4.00	16.00	31.01.15
150	ANNEXURE "A" FOR THE FOLLOWING SPECIFICATIONS: HOSE ID :1 1/4",HOSE TYPE DN-20 AT, WORKING PRESSURE:345 BAR, END FITTING SIZE: M42 X 2 (STAND PIPE DIA 35 MM), OVERALL LENGTH: 3200MM	4.000	NO	4.00	16.00	31.01.15

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FAX NO: 2520719
E-mail: srchandran@bheltry.co.in
Web:

2661400881 / 02.12.2014

12G2-DN32 DKO-90 DKO-90,L-850mm, Make:
MARKWEL
HYDRAULIC HOSE WITH MS FEMALE SWIVEL
NUT (WITH 24 DEGREE CONE with O
ring) 90 DEG BEND END FITTINGS ON BOTH
ENDS TO MATCH WITH THE MALE
FITTINGS OF PROFILE AS SHOWN IN
ANNEXURE "A" FOR THE FOLLOWING
SPECIFICATIONS:HOSE ID:1 1/4",HOSE TYPE
DN-20 AT,
WORKING PRESSURE:345 BAR, END FITTING
SIZE: M42 X 2
(STAND PIPE DIA 35 MM), OVERALL LENGTH:
850MM

160

NO

4.000

4.00

31.01.15

12G2-DN32 DKO-45 DKO-0,L-1100 mm, Make:
MARKWEL
HYDRAULIC HOSE WITH MS FEMALE SWIVEL
NUT (WITH 24 DEGREE CONE with O
ring)90 DEG BEND ON ONE END AND OTHER
STRAIGHT TOMATCH WITHTHE MALE
FITTINGS OF PROFILE AS SHOWN IN
ANNEXURE "A" FOR THE FOLLOWING
SPECIFICATIONS:HOSE ID:1 1/4"HOSE TYPE:
DN-16 AT,
WORKING PRESSURE:345 BAR, END FITTING
SIZE: M45 X 2
(STAND PIPE DIA 35 MM), OVERALL LENGTH:
1100MM

General Note:

PL. SUBMIT YOUR OFFER ON F.O.R - BHEL, TRICHY (TAMILNADU) BASIS AND IN
TWO PART (TECHNO-COMMERCIAL BID AND PRICE BID) IN A SEPARATE COVER.

THE OFFER IS SUBMITTED IN SIGNLE PART AND THE SAME WILL BE LIABLE FOR
REJECTION.

ANNEXURE-III ENCLOSED HEREWITH MUST BE FILLED, SIGNED AND SUBMITTED
ALONG WITH YOUR OFFER.

THIS TENDER IS HOSTED IN BHEL WEBSITE VIDE NIT REF. _____ DT. _____
AND ANY CORRIGENDUM MAY PL BE VIEWED IN THE BHEL WEBSITE (HTTP://
WWW.BHEL.COM)

ENCLOSURE: ANNEXURE - III , Annexure - 'A'


MSME VENDOR GIDE LINES WILL BE FOLLWDED FOR THIS TENDER

Enclosures:

The offers should reach us 30 minutes before the time of opening of tenders.
The offers will be opened at 14.30 hrs on the due date of tender in the presence of
tenderers who have submitted their offer and who may like to be present for the tender
opening.Late and delayed offers are liable to be rejected.

D. CHANDRAMOHAN
Senior Manager / MM / RM
Purchase / CP & SP
BHEL, TIRUCHY - 620 014.

Yours faithfully,
For **BHARAT HEAVY ELECTRICALS LIMITED**


MANAGER / PURCHASE
(FOSSIL BOILERS)
Yours faithfully,



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2661400881 / 02.12.2014

"LD clause has to be confirmed without fail."

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Yours faithfully,
For **BHARAT HEAVY ELECTRICALS LIMITED**


MANAGER / PURCHASE
(FOSSIL BOILERS)
Yours faithfully,

Rohranschlußmaße für Stutzen
stud connection dimensions

ANNEXURE - "A"

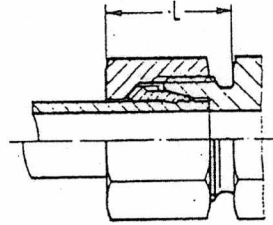
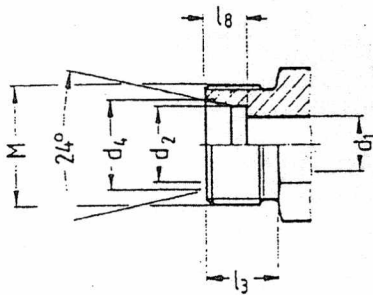


Dimensions de raccordement pour implantation

Gewindezapfen nach DIN 3853/ISO 8434
Bohrungsform W nach DIN 3861

Stud form to DIN 3853/ISO 8434 | IS : 8805 (Part-I) - 1978
Port form W to DIN 3861

Implantation selon DIN 3853/ISO 8434
Taraudage forme W selon DIN 3861



Reihe Series Série	Nominal Working Pressure V (bar)	Rohr-AD Tube OD Tube Ø ext.	M	d_1	$d_2^{+0.11}$	$d_4^{+0.1}$	l_3	L	$l_8^{-0.3}$
500	6	M 12 x 1,5		4	6	8,1	10	18	7
	8	M 14 x 1,5		6	8	10,1	10	18	7
	10	M 16 x 1,5		8	10	12,3	11	19	7
400	12	M 18 x 1,5		10	12	14,3	11	19	7
	15	M 22 x 1,5		12	15	17,3	12	20	7
	18	M 26 x 1,5		15	18	20,3	12	21	7,5
250	22	M 30 x 2		19	22	24,3	14	23	7,5
	28	M 36 x 2		24	28	30,3	14	23	7,5
	35	M 45 x 2		30	35,25 ^{+0.15}	38	16	27	10,5
	42	M 52 x 2		36	42,25 ^{+0.15}	45	16	28	11