



BHARAT HEAVY ELECTRICALS LIMITED

(A Government of India Undertaking)

HIGH PRESSURE BOILER PLANT
PURCHASE DEPARTMENT - FOSSIL BOILERS
THIRUCHIRAPALLI - 620014
TAMILNADU (INDIA)

PHONE :2577629
GRAMS : BHARATELEC
FAX NO: 2520719
E-mail: srchandran@bheltry.co.in
Web:

429-002/A

	Enquiry No	Enquiry Date	Due Date for Quotation
	2661400136 - 55	25.02.2014	20.03.2014
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	IGUS CABLE DRAG CHAIN MODEL: IGUS : E4.32.10.150.0 WITH 4 NOS.(2 SET) END CONNECTIONS (MOUNTING BRACKET MODEL: E4.320.10.1.12C), LENGTH OF CHAIN: 8000 mm OR IT'S NEAREST STANDARD LENGTH. CABLE CARRIER UNIFLEX ADVANCED 1555.030.100.160 LK 8000 MM OR 144 LINKS TECHNICAL DETAILS : INSIDE WIDTH Bi = 100 mm Outside Width Bk = 118 mm Inside Height Hi = 38 mm Outside Height Hg = 50 mm Bending Radius KR = 160 mm Chain length LK = 8000 MM Number of Links n = 144 LINKS Pitch of the Carrier = 55.5 mm END CONNECTOR FA/MA (IGUS E4.320.10.1.12.C)- 2 SETS (1) MAKE: KABELSCHLEPP COMMON NOTE FOR SL.NO. 10 TO 80 SUPPLIER SHOULD QUOTE OUR ENQUIRED MAKE AND MODEL OR EQUIVALENT MODEL IN KABELSCHLEPP/GORTRAC/ IGUS / TSUBAKIMOTO(TSUBAKI GROUP) MAKES ONLY ACCEPTABLE OTHER MAKES NOT ACCEPTABLE. VENDOR QUALIFYING CRITERIA Only those vendors who satisfy the following conditions will get qualified to participate in the tender: 1.Vendor should have minimum 3 years experience in this field. 2.Previous PO details for supplying similar kind of items should be submitted along with offer.Otherwise offer will be rejected. 3.Company profile details has to be provided along with offer. 4.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	NO	3.000	3.00	19.05.14

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.

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

MANAGER / PURCHASE
 (FOSSIL BOILERS)
 Yours faithfully,



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the offers found to be
false /incorrect, the offer shall be rejected.

NO	DESCRIPTION	QTY	UNIT	PRICE	DATE
20	IGUS CABLE DRAG CHAIN, 1600 MM L R 150 MODEL:2500.07.150.0 WITH 4 NOS.(2 SET) END CONNECTIONS (MOUNTING BRACKET : 2070.34PZB+ AND SUPPORT PLATE: SP250007), LENGTH OF CHAIN: 16000 mm OR IT'S NEAREST STANDARD LENGTH NYLATRAC CABLE AND HOSE CARRIER MODEL # : KS4-13, B.F. LENGTH 630.75 IN. O.A.LENGTH : 633.21IN. FIXED END : STANDARD. MOVING END : STANDARD NOTE : CARRIER DIMENSIONS : INSIDE DIMENSIONS : 3.00 WIDE X 1.055" HIGH. OUTSIDE DIMENSIONS : 3.56" WIDE X 1.369" HIGH BEND RADIUS : 5.87", CURVE HEIGHT : 13.10" REF : 250.07.150.0 NOTE FOR SL NO :20,30,60,70: MAKE : GORTRAC	3.000	NO	3.00	19.05.14
30	IGUS CABLE DRAG CHAIN, 1600 MM L R 100 MODEL 2500.07.100.0 WITH 4 NOS.(2 SET) END CONNECTIONS (MOUNTING BRACKET: 2070.34PZB+ AND SUPPORT PLATE: SP250007), LENGTH OF CHAIN: 16000 mm OR IT'S NEAREST STANDARD LENGTH. NYLATRAC CABLE AND HOSE CARRIER MODEL # : KS4-85, B.F. LENGTH 630.75 IN. O.A.LENGTH : 633.21IN. FIXED END : STANDARD. MOVING END : STANDARD NOTE : CARRIER DIMENSIONS : INSIDE DIMENSIONS : 3.00 WIDE X 1.055" HIGH. OUTSIDE DIMENSIONS : 3.56" WIDE X 1.369" HIGH BEND RADIUS : 3.57", CURVE HEIGHT : 8.50" REF : 250.07.100.0	3.000	NO	3.00	19.05.14
40	IGUS CABLE DRAG CHAIN MODEL: IGUS : E4.42.10.200.0 WITH 4 NOS.(2 SET) END CONNECTIONS (MOUNTING BRACKET : E4.420.10.1.12C), LENGTH OF CHAIN: 6800 mm OR IT'S NEAREST STANDARD LENGTH. CABLE CARRIER UNIFLEX ADVANCED 1665.030.100.200 LK 6849 mm or 103 Links TECHNICAL DETAILS : INSIDE WIDTH Bi = 100 mm	1.000	NO	1.00	19.05.14

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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.

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

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Outside Width Bk = 127 mm
Inside Height Hi = 44 mm
Outside Height Hg = 60 mm
Bending Radius KR = 200 mm
Chain length LK = 6849 MM
Number of Links n = 103
Pitch of the Carrier = 65.5 mm
END CONNECTOR FA/MA (IGUS
E4.420.10.1.12C)- 2 SETS

50 NO 1.000 1.00 19.05.14

IGUS CABLE DRAG CHAIN MODEL:IGUS
E4.56.30.150.0 WITH END CONNECTIONS
{MOUNTING BRACKET : E4.420.10.1.12C = 1
SET AND VERTICAL SEPARATOR (6 IN
3RD LINK): 411 = 132 NO`S) LENGTH OF
CHAIN: 6000 mm OR IT'S NEAREST
STANDARD LENGTH.
CABLE CARRIER ME 0950.301-RE-170
LK 5985 MM OR 63 LINKS
TECHNICAL DETAILS :
INSIDE WIDTH Bi = 301 mm
Outside Width Bk = 340 mm
Inside Height Hi = 58 mm
Outside Height Hg = 80 mm
Bending Radius KR = 170 mm
Chain length LK = 5985 MM
Number of Links n = 63
Pitch of the Carrier = 95 mm
Stay Variant : RE
Dividers : 6 on every third link
Connection Height H : 240 mm
END CONNECTOR FU/MU (IGUS
E4.420.10.1.12.C)- 1 SET

60 NO 1.000 1.00 19.05.14

STEEL CABLE DRAG CHAIN WITH 4 NOS.(2
SET) END CONNECTIONS: LENGTH OF
CHAIN : 6000 mm OR IT'S NEAREST
STANDARD LENGTH. GORTRAC CABLE AND
HOSE
CARRIER Model: SRC-200, BAR WIDTH: 5.75,
FIXED END: 1-IN, MOVING END:
1 IN, NOTE : CARRIER DIMENSIONS: INSIDE
DIMENSIONS: 5.75" WIDE X 2.97"
HIGH, OUTSIDE DIMENSIONS: 6.44" WIDE X
4.00" HIGH, BEND RADIUS: 8.50",
CURVE HEIGHT: 20.00", MATEIRAL:
GALVANIZED STEEL
MODEL # : SRC-200, B.F. LENGTH 236 IN.
O.A.LENGTH : 248 IN.
BAR WIDTH : 5.75.
FIXED END : #1-IN.
MOVING END : #1-IN.
NOTE : CARRIER DIMENSIONS : INSIDE
DIMENSIONS : 5.75" WIDE X 2.97" HIGH.
OUTSIDE DIMENSIONS : 6.44" WIDE X 4.00"
HIGH
BEND RADIUS : 8.50", CURVE HEIGHT :

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

MANAGER / PURCHASE
(FOSSIL BOILERS)
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20.00"
REF : 0950

70 NO 2.000 2.00 19.05.14

STEEL CABLE DRAG CHAIN TL
65III 75x80x3200 WITH 4 NOS.(2 SET) END
CONNECTIONS: LENGTH OF CHAIN : 3200 mm
OR IT'S NEAREST STANDARD LENGTH.
NOTE : CARRIER DIMENSIONS:
INSIDE DIMENSIONS: 80mm WIDE X 70mm
HIGH.
BEND RADIUS: R-75, MATEIRAL: GALVANIZED
STEEL
MODEL # : LRC-150, B.F. LENGTH 125 IN.
O.A.LENGTH : 137 IN.
BAR WIDTH : 3.55 O.A.
WIDTH : 4.24.
FIXED END : #1-IN.
MOVING END : #1-IN.
NOTE :ZINC DICHROMATE PLATED STEEL
CARRIER. CARRIER DIMENSIONS : INSIDE
DIMENSIONS : 3.15" UNSEABLE WIDTH X
2.96" HIGH.
OUTSIDE DIMENSIONS : 4.24" WIDE X 4.00"
HIGH
BEND RADIUS : 5.50", CURVE HEIGHT :
15.00"
PITCH :5.00"

80 NO 1.000 1.00 19.05.14

CABLE DRAG CONVEYOR MODEL:
TKC470R150W80 170L 1A/KA, MAKE:
TSUBAKIMOTO
WITH END CONNECTORS 4 NOS (2 SET),
LENGTH: 17 METERS, WIDTH: 80, RADIUS:
150.
UNIFLEX 0665.060.075.140
LK 1700 MM OR 256 LINKS
(TOTALLY COVERED CABLE CARRIER)
(TKC470R150W80)
TECHNICAL DETAILS :
INSIDE WIDTH Bi = 75 mm
Outside Width Bk = 102 mm
Inside Height Hi = 42 mm
Outside Height Hg = 60 mm
Bending Radius KR = 140 mm
Chain length LK = 17000 MM
Number of Links n = 256
Pitch of the Carrier = 66.5 mm
END CONNECTOR FU/MU - 2 SETS

General Note:

GENERAL NOTE:

PLEASE SUBMIT YOUR OFFER IN "TWO PART BID SYSTEM"
AS PER ANNEXURE ENCLOSED.

ENCLOSURES;

All offers should reach us 30 minutes before the time of opening of tenders.
All 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
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ANNEXURE II,III,IV AND V

Enclosures:

"LD clause has to be confirmed without fail."

"Payment to vendors will be made only thro E-Payment mode"

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For **BHARAT HEAVY ELECTRICALS LIMITED**

MANAGER / PURCHASE
(FOSSIL BOILERS)
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CAPITAL PURCHASE
COMMERCIAL TERMS AND CONDITIONS

1.0 QUOTATIONS

The Bidders shall submit the offer in **TWO INNER ENVELOPES** as indicated below which shall be sealed in one outer envelope.

Envelope I This sealed envelope should contain all the copies of technical bid together with un-priced commercial bid & annexure III. This envelope should be clearly marked **'Part I - Technical and commercial bid'**,

Indicating Enquiry No., Due Date and Address & Reference of the Bidder.

Envelope II This sealed envelope should contain **price as per Annexure-IV format**. This envelope should be clearly marked **"Part II - Price bid"**, indicating **Enquiry No., Due Date and Address & Reference of the Bidder**.

Both the envelopes (Part I & II) shall be put in one cover (**Envelope III**), duly sealed, superscribing as Part I and Part II of Enquiry No., due date of opening and the address and reference of the Bidder

The above offer should reach this office on or before the due date by 14.00 hours (IST). Late offers will not be considered.

Tender should not be addressed to any individual's name but only by designation to

**SENIOR MANAGER /PURCHASE/ CP & SP/ MM / MFG
BHARAT HEAVY ELECTRICALS LIMITED
HIGH PRESSURE BOILER PLANT
TIRUCHIRAPALLI - 620 014
TAMIL NADU**

Tenders should be free from **CORRECTION AND ERASURES**, Corrections if any, must be attested. All Amounts shall be indicated both in words as well as in figures. Where there is difference between amount quoted in words and figures, amount quoted in words shall prevail.

Offers should be in **ENGLISH** and accompanied by detailed technical literature, catalogue and detailed dimensional drawings in **ENGLISH** or otherwise, the offers will not be considered.

2.0 OPENING OF TENDERS

The Part I - Technical & commercial bid alone would be opened on the Tender opening date.

The Part II - Price bid of technically suitable Bidders alone would be opened. The Technically Suitable Bidders would be informed about the tender opening date through e-mail.

Clarifications if any required by BHEL for Technical evaluation **would be sought** from Bidders before opening of Part II - price bid

For any queries clarifications the bidders may contact us through our FAX NO. +91 431 2520719 or through e-mail < arjerome@bheltry.co.in > & < cheils@bheltry.co.in >

BHEL Commercial Terms and Conditions for Indigenous Supplies	Vendor's Confirmation / Comments
Technical confirmation to BHEL's Specification as called for in BHEL Format shall be furnished. If needed additional sheets shall be used.	
Prices shall be quoted item wise only as per the model format enclosed	
Prices shall be quoted on "FIRM PRICE" basis only. The prices should be only on F.O.R / Despatching station basis with Packing & Forwarding charges if any. Applicable % of ED & Sales Tax, Freight & Insurance, Installation & Commissioning Charges should be clearly indicated	
Validity of offer shall be for a minimum period of 120 days from the date of Tender opening	
Delivery period from the date of Letter of Intent / Purchase order shall be clearly mentioned in the offer	
Liquidated damages @ 0.5% per week subject to a maximum of 10% of the order value shall be applicable for delay in deliveries For Details Refer Annexure- v	
Following Risk Purchase clause shall be applicable The purchaser at his option will be entitled to terminate the contract and to purchase elsewhere at the risk and cost of the seller either the whole of the goods or any part which the supplier has failed to deliver or dispatch within the time stipulated or if the same were not available, the best and the nearest available substitute therefore. The supplier shall be liable for any loss which the Purchaser may sustain by reason of such risk purchases	
Payment term for supply portion: Payment term is 100% direct payment after 45 days from the date of receipt and acceptance of materials For details refer Annexure- v	
erection / commissioning: (if applicable only) erection / commissioning charges if any has been mentioned in the offer or else confirmation that erection / commissioning shall be done at free of cost is available in the offer,	
The equipment shall be guaranteed for a period of 12 months from the date of commissioning	
Final inspection and acceptance of equipment will be after installation at BHEL, Trichy	
The vendor shall provide necessary drawings, Test Certificates and Operating Maintenance Manuals etc., as called for in the Technical Specification, in the required number of copies at no extra cost	
Any warranty replacement during warranty period shall be supplied free of charge on FOR BHEL, Trichy basis.	
Offers should be submitted only in sealed cover super-scribing clearly the Enquiry reference and due date.	
% of Excise Duty with cess	
% of TAX (CST/VAT) (INGST with FORM-17 or CST with C-FORM)	
Packing & Forwarding Charges (if any in % only)	
Percentage of Freight & transit insurance charges, if any Freight charges from Dispatching station to BHEL, Tiruchirappalli Supplier should quote for F.O.R-BHEL Trichy Stores.	
As per Commercial terms and conditions, acceptance for participation in reverse auction (RA). Yes/No to be indicated	
Name of the person for participating reverse auction	
Land line Number	
Fax Number	
Mobile Number	
E-mail ID	

NOTE:-

- It is confirmed that all the terms and conditions stipulated in the Enquiry have been fully understood by us and all clarifications & details have been obtained.
- Your offer should be indicating applicable if any P&F Charges, % of ED, Sales Tax -CST or VAT, Service Tax, Freight, Insurance and Installation and Commissioning Charges etc., as per our Price Format
- Your specific acceptance to our Payment terms, LD & Risk Purchase Clause are essential for consideration of your offer. Other wise your offer is liable for rejection.
- No row shall be left blank. Please indicate NA, in case the item is "not applicable"

Payment Term (Indigenous)	
If materials are receivable at Stores/Trichy without PBG	Payment term is 100% direct payment after 45 days from the date of receipt and acceptance of materials.
If materials are receivable at Stores/Trichy with PBG	Payment term is 100% direct payment after 45 days from the date of receipt and acceptance of materials and against 10% PBG valid for the warranty period.
Any deviation in the above payment term will attract loading as mentioned below. "Base rate of SBI (as applicable on the date of bid opening. Techno-commercial bid opening in case of two part bids) + 6% shall be considered for loading for the period of relaxation sought by bidders.	

Payment through Bank is not preferred. In case of Payment through Bank is opted by Supplier, BHEL prefers documents submission through bank with copy of LR and door delivery of Goods to Site/Stores with Consignee copy attached. In this case Loading will be 3% on the offered value.

Offers of indigenous Suppliers with payment terms as LC/Advance Payment are liable for rejection.

Liquidated Damages / Penalty -

Liquidated damages shall be 0.5% of the total order value per week or part thereof subject to a maximum of 10% of the total order value.

For staggered delivery schedule, LD shall be 0.5% of the undelivered portion per week of the delay or part thereof subject to a maximum of 10% of the total order value.

Any deviation from the above LD clause, loading will be applied to the extent to which it is not agreed by the bidder (at offered value).

Guarantee / Warranty Period – (if applicable)

Normally No deviation permitted and the deviated offers are liable for rejection.

Ranking-

BHEL will consider the ranking after the loading is applied as referred above wherever deviations are observed.

Performance Bank Guarantee – (if applicable)

Normally No deviation permitted and the deviated offers are liable for rejection.

NOTE:-

1. If the due date of tender opening happens to be a holiday, the tenders will be opened on the next working day.
2. BHEL reserves the right to go for a reverse auction (RA) instead of opening the submitted sealed bid, which will be decided after technical evaluation. Information and general terms and conditions covering RA are given in commercial terms and conditions.
3. Corrigendum if any, with respect to this tender will be hosted only in the website <http://www.bhel.com> or <http://tenders.gov.in>. You are requested to visit the website regularly for updates.