



General Note: **BHARAT HEAVY ELECTRICALS LIMITED**

Page:1/5

(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 :
Web :

429-002/A

OFFICE COPY	Collective No.	Enquiry Date	Due Date For Quotation
	2661400116	20.02.2014	13.03.2014
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	HOSEID:1-1/4" X 1800mm L,Hose type:DIN20023-4SH- Max Pressure:280 bar. END fitting are of MS female swivel nut M45*2 (with 24 degree cone) straight fittings on both ends as per DIN 3868 GENERAL CONDITIONS for Items 10 to 260: 1)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. 2)Both ends should be covered with suitable Dust Caps. 3)MAKE OF HOSES : AEROQUIP / GATES / PARKER ONLY ACCEPTABLE FOR ALL THE ITEMS.OTHER MAKES ARE LIABLE FOR REJECTION. OFFERER SHOULD STATE THE MAKE OF HOSE OFFERED. 4)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. 5)PERFORMANCE GUARANTEE FOR ONE YEAR TO BE PROVIDED FROM THE DATE OF ACCEPTANCE AT BHEL STORES. 6)EACH HOSE SHOULD BE STAMPED WITH MAKE, STD, HOSE ID, WORKING PRESSURE, END FITTING SIZE OTHERWISE HOSE WILL NOT BE ACCEPTED. 7)DELIVERY RECOMMENDED 2 - 3 MONTHS FROM THE DATE OF PO/LOI. 8)WORKING TEMPERATURE: Max.100 DEG CELCIUS 9)WORKING MEDIUM: HYDRAULIC OIL(SERVO SYSTEM 46,68) Hyd. Hose-ID: 1-1/4" X 1800mm	NO	2.000	2.00	30.04.14
20	ID:1" X 3000mm Length, Hose type:DIN20023-4SP- Max Pressure:280 bar. END fitting are of MS female swivel nut M36 X 2 (with 24 degree cone) straight fittings on both ends as per DIN 3866	NO	2.000	2.00	30.04.14

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)



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Page:2/5

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2661400116 / 20.02.2014		10408			
30	Hyd. Hose-ID: 1" X 3000mm ID:1" X 2500mm Length, Hose type:DIN20023-4SP- Max Pressure:280 bar. END fitting are of MS female swivel nut M36 X 2 (with 24 degree cone) straight fittings on both ends as per DIN 3866	NO	2.000	2.00	30.04.14
40	Hyd. Hose-ID: 1" X 2250mm ID:1" X 800mm Length, Hose type:DIN20023-4SP- Max Pressure:280 bar. END fitting are of MS female swivel nut M36 X 2 (with 24 degree cone) straight fittings on both ends as per DIN 3866	NO	2.000	2.00	30.04.14
50	Hyd. Hose-ID: 1" X 800mm ID:3/4" X 2500mm Length, Hose type:DIN20023-4SP- Max Pressure:280 bar END fitting are of MS female swivel nut M30 X 2 (with 24 degree cone) straight fittings on both ends as per DIN 3865	NO	4.000	4.00	30.04.14
60	Hyd. Hose-ID: 3/4" X 2500mm ID:3/4" X 1800mm Length, Hose type:DIN20023-4SP, Max Pressure:280 bar. END fitting are of MS female swivel nut M30 X 2 (with 24 degree cone) straight fittings on both ends as per DIN 3865	NO	2.000	2.00	30.04.14
70	Hyd. Hose-ID: 3/4" X 1800mm ID:3/4" X 800mm Length, Hose type: DIN20023-4SP- Max Pressure: 280 bar. END fitting are of MS female swivel nut M30 X 2 (with 24 degree cone) straight fittings on both ends as per DIN 3865	NO	2.000	2.00	30.04.14
80	Hyd. Hose-ID: 3/4" X 800mm ID:5/8" X 1500mm Length, Hose type: DIN20023-4SH- Max Pressure: 280 bar. END fitting are of MS female swivel nut M26 X 1.5 (with 24 degree cone) straight fittings on both ends as per DIN 3869. One end straight other end 90 degree bend.	NO	2.000	2.00	30.04.14
90	Hyd. Hose-ID: 5/8" X 1500mm ID:1/4" X 2000mm Length, Hose type: DIN20023-4SP- Max Pressure: 280 bar. END fitting are of MS female swivel nut M14 X 1.5 (with 24 degree cone) straight fittings on both ends as per DIN 3866	NO	2.000	2.00	30.04.14

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TAMILNADU (INDIA)

Page:3/5

2661400116 / 20.02.2014

10408

100	Hyd. Hose-ID: 1/4" X 2000 mm ID:3/4" X 1000mm Length, Hose type: DIN20023-4SP- Max Pressure: 350 bar. END fittinge are of MS female swivel nut M30 X 2 (with 24 degree cone) straight fittings on both ends as per DIN 3865 Hyd. Hose-ID: 3/4" X 1000mm	NO	2.000	2.00	30.04.14
110	ID:3/8" X 500mm Length, Hose type: SAE 100-R2AT.Max Pressure: 350 bar. END fittinge are of MS female swivel nut M18 X 1.5 (with 24 degree cone) straight fittings on both ends as per DIN 3865 Hyd. Hose-ID: 3/8" X 500mm	NO	2.000	2.00	30.04.14
120	ID:1-1/4" X 500mm Length, Hose type: DIN20023-4SH- Max Pressure: 350 bar. END fittinge are of MS female swivel nut M45*2 (with 24 degree cone) straight fittings on both ends as per DIN 3868 Hyd. Hose-ID: 1-1/4" X 500mm	NO	2.000	2.00	30.04.14
130	HOSE,ID: 3/4", R2, Length=1500mm Max.pr:280bar Female swivel nut:M30X2 at both straight ends. Hyd. Hose- ID: 3/4" X 1500mm	NO	2.000	2.00	30.04.14
140	HOSE,ID: 3/4", R2, DIA=6, Length=1100mm, Max.pr:280bar Female swivel nut:M30X2 at both the ends. Both ends are straight. Hyd. Hose-ID: 3/4" X 1100mm	NO	2.000	2.00	30.04.14
150	HOSE,ID: 3/4", R2, Length=3000mm, Max.pr:280bar Female swivel nut: M30X2 at both the ends. Hyd. Hose-ID 3/4" X 3000mm	NO	2.000	2.00	30.04.14
160	Hose,ID: 3/4" X Length=12000mm, Max pressure: 280 bar female swivel nut:M30X2 at both the ends. Hyd. Hose-ID 3/4" X 12000mm	NO	1.000	1.00	30.04.14
170	HOSE,ID: 1/2", R2, Length=3000mm, Max pressure: 280 bar Female swivel nut:M24X1.5 at both the ends. Hyd. Hose-ID 1/2" X 3000mm	NO	2.000	2.00	30.04.14
180	HOSE,ID: 1/2", R2, Length=4000mm, Max pressure: 280 bar.	NO	2.000	2.00	30.04.14

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For **BHARAT HEAVY ELECTRICALS LIMITED**

MANAGER / PURCHASE
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Page:4/5

2661400116 / 20.02.2014		10408		
190	Female swivel nut:M24X1.5 at both the ends. Hyd. Hose-ID 1/2" X 4000mm Hose,ID: 1/2" X Length=6000mm, Max pressure: 280 bar.	NO	2.000	2.00 30.04.14
200	Female swivel nut:M24X1.5 at both the ends. Hyd. Hose-ID 1/2" X 6000mm Hose,ID: 3/8" X Length=500mm, Max pressure: 280 bar.	NO	2.000	2.00 30.04.14
210	Female swivel nut:M20X1.5 at both the ends. Hyd. Hose-ID 3/8" X 500mm HOSE,ID: 5/16", R2, Length=750mm, Max pressure: 280 bar.	NO	2.000	2.00 30.04.14
220	Female swivel nut:M18X1.5 at both the ends. Hyd. Hose-ID 5/16" X 750mm HOSE, ID:1/4", R2, C-TYPE, DIA=6, Length=750mm, Max pressure: 280bar	NO	2.000	2.00 30.04.14
230	Hyd. Hose-ID 1/4" X 750mm HOSE,ID: 1/4", R2, C-TYPE, DIA=6, Length=1500mm, Max pressure: 280bar	NO	2.000	2.00 30.04.14
240	Hyd. Hose-ID 1/4" X 1500mm HOSE,ID: 1/4", R2, C-TYPE, DIA=6, Length=630mm, Max pressure: 280 bar.	NO	2.000	2.00 30.04.14
250	Hyd. Hose-ID 1/4" X 630mm HOSE,ID: 1/4", R2, C-TYPE, DIA=6, Length=4000mm, Max pressure: 280bar	NO	2.000	2.00 30.04.14
260	Hyd. Hose-ID 1/4" X 4000mm Hyd. Hose- ID: 1/2" X 1000mm Length, Max pressure: 280 bar.	NO	2.000	2.00 30.04.14
	Female swivel nut:M24X1.5 at both the ends. Hyd. Hose-ID 1/2" X 1000mm			
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. IF 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. _____				
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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Page:5/5

2661400116 / 20.02.2014

10408

AND ANY CORRIGENDUM MAY PL BE VIEWED IN THE BHEL WEBSITE (HTTP://
WWW.BHEL.COM)

ENCLOSURE: ANNEXURE - III

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For **BHARAT HEAVY ELECTRICALS LIMITED**

MANAGER / PURCHASE
(FOSSIL BOILERS)
Yours faithfully,

COMMERCIAL TERMS& CONDITIONS

ANNEXURE-III(m)

Bharat Heavy Electricals Limited, Tiruchirapalli – 620 014, Tamilnadu

MM: CP & SP

(Check List - to be filled and submitted along with Techno-Commercial Bid)

Sl. No.	BHEL Commercial Terms and Conditions for Indigenous Supplies	Vendor's Confirmation / Comments
1	Bid should be submitted in Two Parts . 1. Techno-commercial Bid (Part-I) and 2. Price Bid (Part-II) in a separate sealed cover and both the covers must be placed in a Third Cover and Sealed. Our Enquiry No., Enq. Date & Enq. Due date must be written on all Three covers	
2	Technical confirmation to BHEL's Specification shall be furnished. If needed additional sheets shall be used.	
3	Prices shall be quoted item wise only.	
4	Delivery INCO TERMS- Price quoted -FOR BHEL TRICHY, STORES or ex- WORKS Basis or, FOR WORKS (DESPATCHING STATION) In case of EX works / FOR WORKS basis, indicate the Despatching station. Prices shall be quoted on "FIRM PRICE" basis only.	
5	Validity of offer shall be for a minimum period of 120 days from the date of Tender opening	
6	Delivery period from the date of Letter of Intent / Purchase order	
7	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).	
8	Payment term for supply portion: Payment term is 100% direct payment after 45 days from the date of receipt and acceptance of materials. Note: Only Direct Payment after goods receipt & acceptance will be accepted .Above payment term acceptance is essential for consideration of your offer 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 Stores with Consignee copy attached. In this case Loading will be 3% on the offered value. Offers of indigenous Suppliers with payment terms as <u>LC/Advance Payment are liable for rejection.</u> Important Note: BHEL will consider the ranking after the loading is applied as referred vide Sl. No. 7& 8 above wherever deviations are observed.	
9	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.	
10	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.	
11	The equipment shall be guaranteed as per tender condition from the date of receipt & acceptance./(commissioning (commissioning date ,if applicable as per tender condition) Normally No deviation permitted and the <u>deviated offers are liable for rejection.</u>	

COMMERCIAL TERMS& CONDITIONS

ANNEXURE-III(m)

12	Equipment will be inspected at vendor's works prior to dispatch if applicable. However final inspection and acceptance of equipment will be after installation at BHEL, Trichy, Tamilnadu.	
13	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.	
14	Any warranty replacement during warranty period shall be supplied free of charge on FOR BHEL, Trichy, Tamilnadu basis.	
15	Performance Bank Guarantee, if applicable as per tender condition. Normally No deviation permitted and the <u>deviated offers are liable for rejection.</u>	
OTHER DETAILS REQUIRED		
16	% of Excise Duty with cess	
17	% of TAX (VAT) (TNGST with FORM-17)	
18	% of TAX (VAT) without form	
19	% of TAX (CST) (CST with C-FORM)	
20	% of TAX (CST) without form	
21	Packing & Forwarding Charges (in % only)	
22	Freight& transit insurance charges, if any(in % only) Freight charges from Dispatching station to BHEL, Tiruchirapalli (Note: If the delivery terms is Ex Works the materials has to be sent through BHEL approved carrier only ,in this case the freight will be borne by BHEL)	
23	Approximate Net weight of the total consignment	
24	Approximate Gross weight of the total consignment	
25	Approximate Dimensions of the Consignment	
26	Name of the contact person	
27	Land Line Number	
28	Fax Number	
29	Mobile Number	
30	E-mail ID	
31	PAN No.	
32	CST No.	TIN No.

a) 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.

b) Applicable % of ED, Sales Tax -CST or VAT, Service Tax), Freight, Insurance and Installation and Commissioning Charges etc., are indicated in offer.

Full postal Address:

Signature & Office Seal of the vendor

Note:-

Your specific acceptances to our Payment terms, LD & Risk Purchase (RP) Clause are essential for consideration of your offer. Otherwise your offer is liable for rejection.

No row shall be left blank. Please indicate NA, in case the item is "not applicable"