



General Note: **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 :
Web :

429-002/A

OFFICE COPY	Collective No.	Enquiry Date	Due Date For Quotation
	2661400068	03.02.2014	25.02.2014
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	Hydraulic Hose: ID 3/8", Length 2500mm, Type: SAE 100R17 Working pressrue -3000 Psi/21 Mpa, Min Bend radius 2-1/2" or 65mm Fittings:One end: Female JIC 37° Swivel,90° Elbow Medium Drop, Other end straight :Female JIC 37°Swivel,Thread:UNF 9/16-18 Both Ends COMMON NOTE TO ALL ITEMS (FROM 10 TO 230): 1.MAKE OF HOSES :SUPPLIER SHOULD QUOTE OUR ENQUIRED MODEL AND MAKE OR EQUIVALENT MODEL IN AEROQUIP / GATES / PARKER MAKES ONLY ACCEPTABLE FOR ALL THE ITEMS.OTHER MAKES ARE LIABLE FOR REJECTION. OFFERER SHOULD STATE THE BRAND OF HOSE OFFERED. 2.WORKING TEMPERATURE: 100 DEG CELCIUS 3.WORKING MEDIUM: HYDRAULIC OIL(SERVO SYSTEM NO 32,46,68) 4.ALL THE HOSES WILL BE TESTED AT SUPPLIER'S WORKS BY BHEL 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. Hydraulic Hose 3/8" x 2.5m one end 90deg	NO	10.000	10.00	05.04.14
20	Hydraulic Hose: ID 3/8", Length 6000mm, Type: SAE 100R17 Working pressrue -3000 Psi/21 Mpa, Min Bend radius 2-1/2" or 65mm Fittings:Straight Female JIC 37° Swivel,Thread:UNF 9/16-18(both ends)	NO	12.000	12.00	05.04.14

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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2661400068 / 03.02.2014		10408			
30	Hydraulic Hose 3/8" x 6.0m NO 10.000 10.00 05.04.14				
	Hydraulic Hose: ID 3/4",Length 3000mm, Type: SAE 100R17 Working pressrue -3000 Psi/21 Mpa, Min Bend radius 7-1/2" or 190mm Fittings:Female JIC 37° Swivel,90° Elbow Medium Drop, Straight Female JIC 37° Swivel,Thread:UNF 1-1/16x12(Both Ends) Hydraulic Hose 3/4" x 3.0m one end 90deg				
40	Hydraulic Hose: ID 3/4",Length 1500mm, Type: SAE 100R17 Working pressrue -3000 Psi/21 Mpa, Min Bend radius 7-1/2" or 190mm Fittings: Straight Female JIC 37° Swivel,Thread:UNF1-1/16x12(both ends) Hydraulic Hose 3/4" x 1.5m NO 10.000 10.00 05.04.14				
50	Hydraulic Hose: ID 1", Length 1000mm, Type: SAE 100R17 Working pressrue -3000 Psi/21 Mpa, Min Bend radius 9-1/2" or 240mm Fittings:Straight Female JIC 37° Swivel,Thread:UNF1-5/16x12(both ends) Hydraulic Hose 1" x 1.0m NO 8.000 8.00 05.04.14				
60	Hydraulic Hose: ID 1",Length 750mm, Type: SAE 100R17 Working pressrue -3000 Psi/21 Mpa, Min Bend radius 9-1/2" or 240mm Fittings:Straight Female JIC 37° Swivel,Thread:UNF 1-5/16x12(both ends) Hydraulic Hose 1" x 0.75m NO 8.000 8.00 05.04.14				
70	Hydraulic Hose: ID 1", Length 500mm, Type: SAE 100R17 Working pressrue -3000 Psi/21 Mpa, Min Bend radius 9-1/2" or 240mm Fittings: Female JIC 37° Swivel,90° Elbow Medium Drop,Thread:UNF 1-5/16x12(both ends) Orientation - same plane Hydraulic Hose 1" x 0.5m both end 90 deg NO 8.000 8.00 05.04.14				
80	Hydraulic Hose: ID 1"Length 2500mm, Type: SAE 100R17 Working pressrue -3000 Psi/21 Mpa, Min Bend radius 9-1/2"or240mm Fittings: Female JIC 37° Swivel,90° Elbow Medium Drop, Straight Female JIC 37° Swivel,Thread:UNF 1-5/16x12(Both Ends) NO 8.000 8.00 05.04.14				
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2661400068 / 03.02.2014		10408			
90	Hydraulic Hose 1" x 2.5m one end 90 deg	NO	8.000	8.00	05.04.14
	Hydraulic Hose: ID 3/4", Length 1250mm, Type: SAE 100R17 Working pressrue -3000 Psi/21 Mpa, Min Bend radius 7-1/2" or 190mm Fittings: Straight Female JIC 37° Swivel, Thread: UNF 1-1/16x12(both ends)				
100	Hydraulic Hose 3/4" x 1.25m	NO	15.000	15.00	05.04.14
	Hydraulic Hose: ID 3/8", Length 1500mm, Type: SAE 100R17 Working pressrue -3000 Psi/21 Mpa, Min Bend radius 2-1/2" or 65mm Fittings: Straight Female JIC 37° Swivel, Thread: UNF 9/16-18(both ends)				
110	Hydraulic Hose 3/8" x 1.5m	NO	10.000	10.00	05.04.14
	Hydraulic Hose: ID 1", Length 2000mm, Type: SAE 100R17 Working pressrue -3000 Psi/21 Mpa, Min Bend radius 9-1/2 or 240mm Fittings: Straight Female JIC 37° Swivel, Thread: UNF 1-5/16x12(both ends)				
120	Hydraulic Hose 1" x 2.0m	NO	10.000	10.00	05.04.14
	Hydraulic Hose: ID 3/8", Length 500mm, Type: SAE 100R17 Working pressrue -3000 Psi/21 Mpa, Min Bend radius 2-1/2" or 65mm Fittings: Straight Female JIC 37° Swivel, Thread: UNF 9/16-18(both ends)				
130	Hydraulic Hose 3/8" x 500mm	NO	16.000	16.00	05.04.14
	Hydraulic Hose: ID 3/8", Length 1250mm, Type: SAE 100R17 Working pressrue -3000 Psi/21 Mpa, Min Bend radius 2-1/2" or 65mm Fittings: Straight Female JIC 37° Swivel, Thread: UNF 9/16-18(both ends)				
140	Hydraulic Hose 3/8" x 1250mm	NO	16.000	16.00	05.04.14
	Hydraulic Hose: ID 3/8", Length 1750mm, Type: SAE 100R17 Working pressrue -3000 Psi/21 Mpa, Min Bend radius 2-1/2 or 65mm Fittings: Straight Female JIC 37° Swivel, Thread: UNF 9/16-18(both ends)				
150	Hydraulic Hose 3/8" x 1750mm	NO	8.000	8.00	05.04.14
	Hydraulic Hose: ID 1", Length 1500mm, Type: SAE 100R17 Working pressrue -3000 Psi/21 Mpa, Min Bend radius 9-1/2 or 240mm				

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Yours faithfully,



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160	<p>Fittings:Female JIC 37° Swivel,90° Elbow Medium Drop, Thread:UNF 1-5/16x12(both ends) Orientation both on same plane Hydraulic Hose 1" x 1.5m both end 90 deg</p>	NO	8.000	8.00	05.04.14
170	<p>Hydraulic Hose: ID 3/4",Length 500mm, Type: SAE 100R17 Working pressrue -3000 Psi/21 Mpa, Min Bend radius 7-1/2" or 190mm Fittings:Straight Female JIC 37° Swivel,Thread:UNF 1-1/16x12(both ends) Hydraulic Hose 3/4" x 0.5m</p>	NO	5.000	5.00	05.04.14
180	<p>Hydraulic Hose: ID 5/4",Length 1000mm,Type: SAE 100R4 Flame resistant, Working pressrue -250 Psi/17 bar, Min bend rad. 4" Fittings: Straight Female JIC 37° Thread: 1 5/8-12 inch,(Both ends) Hydraulic Hose 5/4" x 1.0m</p>	NO	5.000	5.00	05.04.14
190	<p>Hydraulic Hose: ID 5/4",Length 2000mm, Type: SAE 100R4 Flame resistant, Working pressrue -250 Psi/17 bar, Min bend rad. 4" Fittings: Straight Female JIC 37° Thread: 1 5/8-12 inch, (Both ends) Hydraulic Hose 5/4" x 2.0m</p>	NO	4.000	4.00	05.04.14
200	<p>Hydraulic Hose: ID 3/8",Length 250mm, Type: SAE 100R17 Working pressrue -3000 Psi/21 Mpa, Min Bend radius 2-1/2 or 65mm Fittings: Straight Female JIC 37° Swivel,Thread:UNF 9/16-18(both ends) Hydraulic Hose 3/8" x 0.25m</p>	NO	8.000	8.00	05.04.14
210	<p>Hydraulic Hose: ID 3/8", Length 750mm, Type: SAE 100R17 Working pressrue -3000 Psi/21 Mpa, Min Bend radius 2-1/2 or 65mm Fittings:Straight Female JIC 37° Swivel,Thread:UNF 9/16-18(both ends) Hydraulic Hose 3/8" x 0.75m</p>	NO	8.000	8.00	05.04.14
210	<p>Hydraulic Hose: ID 3/8",Length 1000mm, Type: SAE 100R17 Working pressrue -3000 Psi/21 Mpa, Min Bend radius 2-1/2 or 65mm Fittings: Female JIC 37° Swivel,45° Elbow Medium Drop, Thread:UNF9/16-18(both ends)Orientation 180 degrees opposite plane</p>	NO	8.000	8.00	05.04.14
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10408

Hydraulic Hose 3/8" x 1.0m both
end45deg

220

NO

1.000

1.00

05.04.14

Hydraulic Hose:ID: 2", OD:2.5", Length: 5m
Max. WP 150psi, Min. bend radius: 6, Tube:
Black nitrile
Reinforcement: Multiple textile plies with dual
wire helix
Cover: Black synthetic rubber; wrapped finish
Temp. Range: -35°F to +180°F (-37°C to
+82°C)
For both end with suitable hose clamps (2 nos
on each end)
Make: PARKER series 7216E-2002 TRANSLITE
TANK TRUCK Hose (or
equivalent)
Hydraulic Hose 2" x 5.0m

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

Enclosures:

"LD clause has to be confirmed without fail."

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

PR Links

Material.	PR.No	PR.Item.	Quantity	Acc. Assign	Customer Number
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list of suppliers

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MANAGER / PURCHASE
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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"