



BHARAT HEAVY ELECTRICALS LIMITED

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

PHONE :0431-2574111
GRAMS : BHARATELEC
FAX NO: 0431-2520719
E-mail:
Web:

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Enquiry No	Enquiry Date	Due Date for Quotation
1801800099 - 14	09.02.2018	09.03.2018
Please quote Enquiry No, Date and due date in all correspondences. This is only a request for quotation and not an order. 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 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.		

Item	Description	Unit	Quantity	Delivery Quantity	Schedule Date
10	L172512486701001 SEPERATOR LEVEL CONTROL VALVE ASSEMBLY. Tag Nos. For HWL1 & HWL2 valves are 01HAG15AA301 & 01HAG15AA302 respectively. In tag No. Prefix "01" is for unit No.1 and "02" is for unit No. 2.	SET	2.000	2.00	25.04.19
20	L172512486701002 MINIMUM ECONOMISER FLOW CONTROL VALVE ASSY Tag Nos. For MEFCV is 01HAG31AA301. In tag No. Prefix "01" is for unit No.1 and "02" is for unit No. 2.	SET	1.000	1.00	25.04.19
30	L172512486701003 COMMON ELECTRO HYDRAULIC CONTROL UNIT. < (> ,,<)> One (1) Common Hydraulic Unit and Electronic Control Unit for the positioning control of the two BOILER SEPARATOR LEVEL CONTROL VALVES(HWL-1, HWL-2 VALVES) and Minimum Economizer Flow Control Valve (MEFCV)	SET	1.000	1.00	25.04.19
40	L172512486701004 SPECIAL TOOLS	SET	1.000	1.00	25.04.19
50	L172512486701005 TUBINGS AND FITTINGS	SET	1.000	1.00	25.04.19
60	L172512486701006 FILLS OF HYDRAULIC FLUID	SET	2.000	2.00	25.04.19
70	L172582498802001 COMM SPARES FOR EACH VALVE One lot of commissioning spares for each valve (Two seperator control valves , one Minimum Economiser Flow control valve)and Electro Hydraulic Power and control Kit as per SELLER'S specific recommendation	SET	2.000	2.00	25.04.19
80	L172612486701001 SEPERATOR LEVEL CONTROL VALVE ASSEMBLY.	SET	2.000	2.00	25.04.19

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

K. UDAYA KUMAR
Sr. Engineer / Purchase
Material Management / FB
BHEL, TRICHY - 620 014.
MANAGER / PURCHASE
(FOSSIL BOILERS)
Yours faithfully,



429-002/A

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90	L172612486701002 MINIMUM ECONOMISER FLOW CONTROL VALVE ASSY Tag Nos. For MEFCV is 01HAG31AA301. In tag No. Prefix "01" is for unit No.1 and "02" is for unit No. 2.	SET	1.000	1.00	25.04.19
100	L172612486701003 COMMON ELECTRO HYDRAULIC CONTROL UNIT. < (> ,<)> One (1) Common Hydraulic Unit and Electronic Control Unit for the positioning control of the two BOILER SEPARATOR LEVEL CONTROL VALVES(HWL-1, HWL-2 VALVES) and Minimum Economizer Flow Control Valve (MEFCV)	SET	1.000	1.00	25.04.19
110	L172612486701004 SPECIAL TOOLS	SET	1.000	1.00	25.04.19
120	L172612486701005 TUBINGS AND FITTINGS	SET	1.000	1.00	25.04.19
130	L172612486701006 FILLS OF HYDRAULIC FLUID	SET	2.000	2.00	25.04.19
140	R00172500015 PNE & ELE-HYD ACTUATOR ASSY FOR MIN ECO Pneumatic and electro-hydraulic actuator assembly W/O accessories for Min Eco Lvl CV as per Mtl Code-L172512486701002	NO	1.000	1.00	25.04.19
150	R00172500016 VALVE TRIM FOR MIN ECO LVL CV "Valve trim(including cage, plug, stem , seat rings, guide 1 set for each type of bushings etc.) for Min Eco Lvl CV as per Mtl Code-L172512486701002"	SET	1.000	1.00	25.04.19
160	R00172500017 "DIAPHRAGM, O' RING, SEAL FOR MIN ECO L "Diaphragms, O' rings, seals etc. of all types make etc. for Min Eco Lvl CV as per Mtl Code-L172512486701002"	SET	2.000	2.00	25.04.19
170	R00172500018 PR. GAUGE FOR MIN ECO LVL CV "Pressure Gauges of all types, make, rating etc. for Min Eco Lvl CV as per Mtl Code-L172512486701002"	SET	2.000	2.00	25.04.19
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 A KUMAR Manager / Purchase (FOSSIL BOILERS) Yours faithfully, BHEL, TRICHY - 620 014 <i>h. V. J. 20/2/19</i>		



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180	R00172500019 SOLENOID VALVE FOR MIN ECO LVL CV Solenoid valve(if applicable) for Min Eco Lvl CV as per Mtl Code-L172512486701002	NO	1.000	1.00	25.04.19
190	R00172500020 POSITIONER UNIT FOR MIN ECO LVL CV Positioner units (complete unit) for Min Eco Lvl CV as per Mtl Code-L172512486701002	NO	1.000	1.00	25.04.19
200	R00172500021 PNEU AIR-FILTR FOR MIN ECO LVL CV "Pneumatic air-filter/Regulator of each type, make rating etc for Min Eco Lvl CV as per Mtl Code-L172512486701002"	NO	2.000	2.00	25.04.19
210	R00172500022 AIR LOCK RELAYS FOR MIN ECO LVL CV Air lock relays for Min Eco Lvl CV as per Mtl Code-L172512486701002	NO	2.000	2.00	25.04.19
220	R00172500023 PNE & ELE-HYD ACTUATOR ASSY FOR SEP LVL Pneumatic and electro-hydraulic actuator assembly W/O accessories for Sep Lvl CV as per Mtl Code-L172512486701001	NO	1.000	1.00	25.04.19
230	R00172500024 VALVE TRIM FOR SEP LVL CV "Valve trim(including cage, plug, stem , seat rings, guide 1 set for each type of bushings etc.) for Sep Lvl CV as per Mtl Code-L172512486701001"	SET	1.000	1.00	25.04.19
240	R00172500025 "DIAPHRAGM, O' RING, SEAL FOR SEP LVL C "Diaphragms, O' rings, seals etc. of all types make etc. for Sep Lvl CV as per Mtl Code-L172512486701001"	SET	4.000	4.00	25.04.19
250	R00172500026 PR. GAUGE FOR SEP LVL CV "Pressure Gauges of all types, make, rating etc. for Sep Lvl CV as per Mtl Code-L172512486701001"	SET	2.000	2.00	25.04.19
260	R00172500027 SOLENOID VALVE FOR SEP LVL CV Solenoid valve(if applicable) for Sep Lvl CV as	NO	1.000	1.00	25.04.19

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tenderers who have submitted their offer and who may like to be present for the tender
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Yours faithfully,
For **BHARAT HEAVY ELECTRICALS LIMITED**

K. UDAYA KUMAR h. 24/2/19
Sr. Engineer / Purchase
Material Management / FB
BHEL, TRICHY - 620 014,
MANAGER / PURCHASE
(FOSSIL BOILERS)
Yours faithfully,



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	per Mtl Code-L172512486701001				
270	R00172500028 POSITIONER UNIT FOR SEP LVL CV Positioner units (complete unit) for Sep Lvl CV as per Mtl Code-L172512486701001	NO	1.000	1.00	25.04.19
280	R00172500029 PNEU AIR-FILTR FOR SEP LVL CV "Pneumatic air-filter/Regulator of each type, make rating etc for Sep Lvl CV as per Mtl Code-L172512486701001"	NO	2.000	2.00	25.04.19
290	R00172500030 AIR LOCK RELAYS FOR SEP LVL CV Air lock relays for Sep Lvl CV as per Mtl Code-L172512486701001	NO	2.000	2.00	25.04.19

General Note:

- 1) Please fill up the commercial terms annexure A enclosed and submit along with the offer for evaluation.
- 2) Please give point wise confirmation to our specification and fill all the columns in the datasheet.
- 3) The offer to be submitted in two part bid system:
 - a) Technical offer with commercial terms and b) Price bid separately
- 4) For Indegenous Vendors quote shall be on FOR/Destination basis (i.e. BHEL Stores, Trichy) including packing and forwarding , freight charges to their account. For Import vendors quote shall be on CFR Bangladesh port for main supply and commissioning spares. For mandatory spares it shall be CFR Chennai Port basis with freight break up.
- 5) Total requirement will be considered as a package for evaluation and approval.
- 6) Vendor to furnish unit weight and dimensional drawings of the valves at the time of the offer itself.
- 7) Vendor shall follow applicable painting schedule for this project.
- 8) While calculating the Quantity of Items for Commissioning spares, vendor shall round the number to the nearest higher whole number.
- 9) Suitability of Mandatory spares to the main supply shall be confirmed by vendor in the quotation.

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

K. UDAYA KUMAR h. by 10/2/18
Sr. Engineer / Purchase
Material Management / FB
BHEL, TRICHY - 620 014,
MANAGER / PURCHASE
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10) Complete set of documents/drawing approved by Main engineering is applicable for spares supply and to be followed for the Mandatory spares also. No separate approval is required for spares.

11) Vendor to submit clear technical offer indicating the scope of supply for each items with BHEL material code and set details indicating applicable items with applicable description, Specification and quantity and also should clearly indicate not applicable items.

12) All filled up data sheets, drawings, calculations for Cv, Noise, Valve outlet velocity, Actuator sizing, Actuator wiring, vendor data sheets for Cv electrical actuator, Lift vs Cv %, hook up & JB diagram and catalogues are to be submitted along with the offer.

13) Price for Cv type test is to be quoted.

14)

MAIN SUPPLY AND COMMISSIONING SPARES: Enquiry sl. No: 10 to 130
To be despatched FOR/Destination basis (i.e. BHEL Stores, Trichy) for Indigenous vendors and CFR Bangladesh port for Import vendors.

MANDATORY SPARES: Enquiry sl. No: 140 to 290
To be despatched to BHEL Stores, Trichy for Indigenous vendors and CFR Chennai port for Import vendors.

15) Vendor shall comply the Pre-qualification requirement as indicated in specification.

16) Special provision for MSME vendors are as per Annexure-A

17) Vendor have to submit all the documents duly filled in "Supplier Registration Forms" through online (available in <http://www.bheltry.co.in/> - Online Vendor Registration- Material Management). Duly filled-in Supplier Registration Forms, along with all credentials and supporting documents, Certificate of Rating from D & B (Dun & Brad) sheet or equivalent agencies (For Foreign vendors), Financial Performance / Profit & Loss Account / Balance sheet for last three years etc. (With Techno-Commercial Bid).

Availability of minimum manufacturing, handling, testing and measuring facilities, to be detailed are to be mentioned clearly. All the documents to be uploaded. Apart from Qualifying the Techno- Commercial requirements of the enquiry, BHEL has the right for spot assessment of the facilities for evaluation, approval and for registration.

18) Price Bid of the vendors will be open subjected to Techno commercial

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For **BHARAT HEAVY ELECTRICALS LIMITED**

h. k. j. 20/2/18
K. UDAYA KUMAR
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suitability and approval of vendor firm by our end customer BIFPCL.

19) Vendors / Firm / Subcontractor shall not be banned firm of EXIM Bank of India.

All the tenders may be addressed to the following address:

The Tender Opening Cell / MM
Room No: 26, Building 24, Ground Floor
Bharat Heavy Electricals Limited
TIRUCHIRAPALLI 620014

In case personal delivery of the offer, it shall be dropped into the respective box kept in Room No: 26, after duly entering the data in the system.

Offers will be accepted only up to 14.00 Hrs on the due date. Therefore, vendors shall ensure to submit the offers well before this time. All due date extension requirements should be addressed to the respective Purchase mail IDs. All the due date extension requests from vendors will be considered only up to 48 hours before the due date and time.

Vendors are requested to avoid submission of offers through e mail / fax. In case of any unavoidable situation, offers shall be sent through e mail to the following mail ID only tender_cell@bheltry.co.in.

As tenders are being opened by Common Tender Opening Cell, offer covers should be sealed with tenderer's distinctive seal and super scribed with correct Tender No. item of supply and due date of opening.

The offers will be opened at 14.30 hrs on the due date of the 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.

The bidder along with its associate/ collaborators/ sub-contractors/ sub-vendors/ consultants/ service providers shall strictly adhere to BHEL fraud prevention policy displayed on BHEL website <http://www.bhel.com> and shall immediately bring to the notice of BHEL management about any fraud or suspected fraud as soon as it comes to their notice.

The supplier shall submit EI/EI forms to BHEL time to time as indicated by the BHEL and in case of inordinate delay in issuing EI/EI forms, then BHEL reserves the right to deduct 5% of the value of the supplied items against which EI/EI forms pending to be issued

Enclosures:

- 1) Terms and Conditions (Annexure-A).
- 2) Pre-Qualification Requirement (Annexure-B).
- 3) Standard Quality Plan:SQP:SD:06/Rev 00 dt 14.09.2015
- 4) PBG format with Bank list
- 5) Price / unprice format
- 6) Specifications and Data sheets

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Yours faithfully,
For BHARAT HEAVY ELECTRICALS LIMITED

h. v. j. 20/2/18
MANAGER / PURCHASE
(FOSSIL BOILERS)
Yours faithfully,
K. UDAYA KUMAR
Sr. Engineer / Purchase
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"LD clause has to be confirmed without fail."

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Yours faithfully,
For BHARAT HEAVY ELECTRICALS LIMITED

K. UDAYA KUMAR *K. Udaya Kumar*
Engineer / Purchase
Material Management / FB
THIRUCHIRAPALLI, TRICHY - 620 014.
MANAGER / PURCHASE
(FOSSIL BOILERS)
Yours faithfully,