



429-002/A

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

PHONE :2577645  
GRAMS : BHARATELEC  
FAX NO: 2520719  
E-mail: srchandran@bheltry.co.in  
Web:

Vendor Code :	<b>Enquiry No</b>	<b>Enquiry Date</b>	<b>Due Date for Quotation</b>
Vendor Name :	2681300006 - 79	28.01.2013	22.02.2013
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	8 Persons Passenger Lift Reconditioning work at Trichy HPBP complex as per given specification as per the ANNEXURE - II Vendor shall meet the Qualifying Criteria as per Annexure - I. 8Persons Passenger Lift	NO	1.000	1.00	30.03.13

**General Note:**

Note:


1. Please submit your detailed offer in three part bid system i.e Part-1. EMD amount of Rs.40, 000 in one separate sealed cover. Part-II. Technical and commercial (unpriced bid) in a sealed cover Part-III. Priced offer in another separate sealed cover.

All the three covers shall be duly super-scribed with tender reference and due date of opening. These covers shall be put in a single cover duly super-scribed with tender reference and due date of opening and addressed to us.

2. Point-to-point confirmation to BHEL's specification and commercial terms & conditions shall be provided Annexure-A. All the Annexures should be filled and submitted along with the technical bid (no row shall be left blank), else your offer is liable for rejection.
3. Offers with validity of less than 180 days and non-acceptance of LD, RP clause, PBG, EMD & Payment terms, will lead to rejection of submitted offer.
4. If the due date of tender opening happens to be a holiday, the tenders will be opened on the next working day.
5. All clarifications may be sought at least ten days prior to tender due date, from the undersigned with due written request.
6. BHEL reserves the right to go for a reverse auction (RA) instead of opening the submitted sealed bid, which will be decided after technical

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 FOR  
FOSSIL BOILERS  
Mango Yours faithfully,  
Bharat Heavy Electricals Limited,  
Thiruchirappalli - 620 014



# BHARAT HEAVY ELECTRICALS LIMITED

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( A Government of India Undertaking )  
HIGH PRESSURE BOILER PLANT  
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Web:

2681300006 / 28.01.2013

evaluation. Information and general terms and conditions covering RA are given in commercial terms and conditions (Annexure-A/Point no.16)

7. 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.

#### List of Attachments:

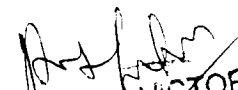
1. Qualifying Criteria\_ Annexure-I
2. Technical specifications \_Annexure-II
3. Commercial Terms and Conditions \_ Annexure-A
4. Price Bid format Annexure-B

#### Enclosures:

"LD clause has to be confirmed without fail."  
"Payment to vendors will be made only thro E-Payment mode"

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  
PGAP, FOSSIL BOILERS / MFG  
Manager, Purchase Department  
Bharat Heavy Electricals Limited.  
Tiruchirappalli - 620 014

<b>MAINTENANCE AND SERVICES</b>			
<b>PRE-QUALIFYING CRITERIA FOR RETROFITTING OF 8 PERSONS PASSENGER ELEVATOR AT ADMINISTRATIVE BLDG(24) IN HPBP/ BHEL/ TRICHY COMPLEX -QTY 1NO.</b>			
<b>PRE-QUALIFYING CRITERIA OF 8 PERSONS PASSENGER LIFT - ANNEXURE-I</b>			
<b>SL.NO</b>	<b>Design, Engineering, Manufacturing ,Testing, Delivering, Erection, and Commissioning of 8 persons capacity Passenger Elevator in the existing lift well as per the following details/data &amp; complying to general specification.</b>	<b>Vendor confirmation</b>	<b>Deviations if any</b>
1	Only those vendors who have designed , manufactured, supplied and commissioned similar or higher capacity elevators that is working satisfactory for at least one year after commissioning should quote.		
2	Information about the companies where such elevators have been supplied are to be submitted with performance certificate for qualification of the offer (minimum 2 nos to be enclosed)		
3	Vendor shall Visit the Site & Study the lift Before quoting the Offer. MOM shall be attached with the Offer as a proof of Visit. Offer without Visit & MOM will not be considered.		

MAINTENANCE AND SERVICES			
RETROFITTING OF 8PERSONS PASSENGER ELEVATOR AT ADMINISTRATIVE BLDG(24) IN HPBP/ BHEL/ TRICHY COMPLEX -QTY 1NO.			
SPECIFICATION OF 8 PERSONS PASSENGER LIFT - ANNEXURE-II			
SL.NO	Design, Engineering, Manufacturing ,Testing, Delivering, Erection, and Commissioning of 8 persons capacity Passenger Elevator in the existing lift well as per the following details/data & complying to general specification.	specification	Vendor confirmation/ deviations
<b>1</b>	<b>Capacity</b>	8Passengers(544kgs), 1.0m/s speed,VVVF Drive, Make& Model to be specified. Make: JOHNSON / OTIS / KONE	
1.1	Lift Car inside size	1300mm (W)x1100mm (D)	
1.2	Door Size	800mm(W)x2000mm(H)	
1.3	Existing Size of the Lift Well	2135mm (W) x 1750mm (D)	
1.4	Weight of inloaded car in kgs (approx)	Vendor to specify	
1.5	Rated Speed	1.0m/s	
1.6	Design fabrication and testing of elevator confirm to	IS14665	
1.7	No.of Floors(Landings)	5(Ground + 4 Upper floors)	
1.8	No. of Doors	5(Ground + 4 Upper floors)	
1.9	No.of Landing Entrances	5(Ground + 4 Upper floors)	
1.91	ApproxTravel Distance(Ht)	12.192mtr (40ft)	
1.92	Number and Position of car entrance	1(ONE) -IN FRONT SIDE ONLY	
1.93	Position of Machinery	Exisitng Machine room & with gear-vendor to confirm	
<b>2</b>	<b>ELEVATOR CAR</b>		
2.1	Type and material of construction	Stainless steel ,Non scrachable, Hair Line Finish with suitable SS hand rail at inside car	
2.2	Thickness of sheet steel	1.6mm	
<b>2.3</b>	<b>Fan with grill details</b>	Vendor to confirm	
	a)Fan size.	250mm sweep -1 No.	
	b)Size of ventilation opening.	As per IS	
	c)Fan power	50watts,200volts,AC, Derived from controller	
<b>2.4</b>	<b>Lighting inside car</b>	vendor to confirm	
	a)Type of lighting	Indirect -LED	
	b)Number and wattage	4Nos./ 24 watts	
	c)Type of fitting for above	To be fixed on the celing	
2.5	Ligthning in elevator well	Industrial Bulk Head(20lux)-1x36CFL Lamps-6Nos	
2.6	Isolating cushion between car and car frame	Vendor to specify	
2.7	Details of isolating cushion	Spring Buffers Rubber Pads	
2.8	Three Pin with socket	Three nos to be provided on car top	
2.9	Car Frame Materials	Stainless steel car with MS support- Vendor to confirm	
2.91	Type of construction	Bolted construction	
<b>3</b>	<b>Door</b>	Automatic-powered door	
3.1	Type of door	Centre opening Vertical sliding type- clear opening 2000mm-Ht of Door	
3.2	Type of operation		
3.3	Material construction	Stainless steel Non scrachable, Hair line finish	
3.4	Door hanger tracks and other accessories provided	vendor to specify	
3.5	Safety shoes complete with accessories provided	vendor to specify	
3.6	Safety device for door operation provided	Automatic -infra red door screen detector	
<b>3.7</b>	<b>Control System and Operation</b>		
	a)Type of control	Microprocessor Based, simplex ,selective, collective control with or without attendant	
	b)Type of drive	VVVF drive ,digital display with key pad attached	
<b>3.8</b>	<b>Car Operating panel</b>	Integral Full Hieght Car operating panel with luminous buttons	
	a)Type of construction	Box type with SS face plate	
	b)Push buttons	IP 54 -Luminous Push buttons-vendor specify	
<b>3.9</b>	<b>Car Position Indicator</b>	Dot matrix LED D&P indicator in car and Landing-Orange colour	
	a)Type of construction	Box type with SS face plate	
	b)Type of display	Digital display-vendor to specify	
4	Car Floor Finish	Stainless steel chequered Plate covered with Decorative type PVC mat	
<b>4.1</b>	<b>Push button station and call registered tell tale lights at each hoistway</b>	Vendor to specify	
	a) Type of construction	Box type with ss trace plate	
	b)Push Buttons	IP 54 call registered Push buttons with indicator-vendor specify	
4.2	Apron provided as per IS 14655	Vendor to specify	
4.3	Emergency Light	Vendor to specify	
4.4	Emergency Exit	Vendor to specify	
4.5	Emergency Alaram	Vendor to specify	
4.6	Fire Extinguistor & Firman's switch at Main Lobby	Vendor to specify	

MAINTENANCE AND SERVICES			
RETROFITTING OF 8PERSONS PASSENGER ELEVATOR AT ADMINISTRATIVE BLDG(24) IN HPBP/ BHEL/ TRICHY COMPLEX -QTY 1NO.			
SPECIFICATION OF 8 PERSONS PASSENGER LIFT - ANNEXURE-II			
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4.7	<b>PA system (Intercom Instrument)</b>	Vendor to specify	
	a) Floor Annunciator with music	Vendor to specify	
	b)Emergency Intercom instrument with wiring	Vendor to specify	
4.8	Over Load warning indicator with alaram	Vendor to specify	
4.9	Terminal Buffers	Vendor to specify	
4.91	Type of Buffers	Spring Buffers	
4.92	Stroke of Buffers	As per IS 14655	
4.93	No.of Buffers	Vendor to specify	
4.94	Location of Buffers	Vendor to specify	
4.95	Load plate supplied	Vendor to specify	
4.96	Counter weights frame	Fabricated steel construction	
4.97	Counter weight fillers	Cast Iron	
4.98	Guides for Car	T90x75x16mm machined guide-vendor to confirm	
4.99	Guides for counter weight	T75x65x10mm machined guide-vendor to confirm	
5	Type of section	"T" section	
5.1	Material of construction	Rolled steel	
5.2	Lubrication particulars	Oil lubrication	
5.3	Limit Switches	6	
5.4	Location	3 at TOP terminal and 3 at Bottom terminal	
5.5	Type of limit switches	Electromechanical	
5.6	Operation tech.	Cam Operated	
5.7	<b>Controller</b>	Micro processor Based , simplex, selective, collective controller with /without attendant with input filter to reduce noise & harmonics	
	a)Manufacturer	Vendor to specify	
	b)Type and model	Vendor to specify	
5.8	Cubical-construction	Sheet metal construction-Free standing type with IP 54 protection.Dimensions : 1200(w)x2200(H)x500(D)	
5.9	Reverse phase realy	Vendor to specify	
6	<b>CAR SAFETY &amp; GOVERNOR</b>		
6.1	<b>SAFETY GEAR</b>		
	a)Type no. and location	Friction type, safety gear located at bottom of car frame.	
	b)Stopping distance as per IS 14665	Vendor to confirm	
	c)Confirming to IS:14665	Vendor to confirm	
	d)Car door sensor provision	Vendor to specify	
	e)Automatic Rescue device with Battery	Vendor to specify	
6.2	<b>Over speed Governor device</b>		
	a)Type and mode of operation	Centrifugal action	
	b)Tripping speed	Vendor to specify	
	c)Location	At machine room	
	d)Material of construction	MS construction with cast iron wheel	
	e)Design confirms to IS14665	Vendor to confirm	
6.3	<b>Hoist ropes</b>	Vendor to specify	
	a)Manufacturer	Usha Martin/Bharat wire ropes	
	b)Type of rope	Vendor to specify	
	c)Size of rope	Vendor to specify	
	d)No.of ropes to be used	Vendor to specify	
	e)Confirms to code and standard	IS:12365	
	f)Breaking load of One rope	76KN	
	g)Design factor of safety	12	
	h)Hosit rope compensation	Depending upon travel	
	i)Material of construction of sheaves and pulleys	Sheave- SG Iron /Pulleys Cast Iron	
6.4	No.of Hoistway Doors	As per approved GAD	
6.5	<b>Elevator Main Motor</b>		
	a)Equipment driven by motor	Vendor to specify	
	b)Frame size	Vendor to specify	
	c)Manufacturer	Vendor to specify	
	d)Type	Vendor to specify	
	e)Type of duty	Vendor to specify	
	f)Applicable standard	Vendor to specify	
	g)Motor (Machine ) Model	Vendor to specify	
	h)Kilo-watt Rating	Vendor to specify	
	i)Voltage ,phase &n frequency	Vendor to specify	
	j)Full load current	Vendor to specify	
	k)Noload current	Vendor to specify	

MAINTENANCE AND SERVICES			
RETROFITTING OF 8PERSONS PASSENGER ELEVATOR AT ADMINISTRATIVE BLDG(24) IN HPBP/ BHEL/ TRICHY COMPLEX -QTY 1NO.			
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	l)Rated Torque	Vendor to specify	
	m)Direction of rotation	Vendor to specify	
	n)Starting Torque % to full load	Vendor to specify	
	o)Starting current as % of FLC	Vendor to specify	
	p)Pull out torque	Vendor to specify	
	q)Maximum variation in voltage & Frequency	Vendor to specify	
	r)Power factor at full load	Vendor to specify	
	s) Full load efficiency	Vendor to specify	
	t)Type of enclosures	Vendor to specify	
	u)Class of insulation	Vendor to specify	
	v)Winding resistance at 20 degree contigrade	Vendor to specify	
	w)Type of Bearing	Vendor to specify	
	x)Tropical protection	Vendor to specify	
	y)Weight of the motor	vendor to specify	
	z)Method of starting	AC Variable Voltage Variable Frequency	
	zz)Stator connection during running	Star Connection	
	zzz)Over load capacity	125%	
6.6	Door Motor		
	a) Equipment driven by Motor	Door	
	b) Type & model	AC, Fractional HP motor	
	c)Manufacturer	Vendor to specify	
	d)KW rating	vendor to specify	
	e)Direction of rotation	Both clockwise & anticlockwise	
	f)Type of enclosures	Vendor to specify	
	g)weight of the motor	vendor to specify	
6.7	Elevator Electrical Wiring		
	a)Main power supply cable to panel to motor-ST2 - FRLS cable (IS 1554/1988) copper conductor as per IS 5831-84 and voltage gradient 650V 1100V as per IS7098 / p-1/1998	Vendor to specify	
	b)Hosit way (trailing cable)power supply ST-2 FRLS cable(IS1554/1998) copper conductor as per IS 5831-84 and voltage gradient 650v/1100v as per IS 7098/P-1/1998	Vendor to specify	
	c) Control circuit supply wires ST-2 FRLS(IS1554/1988) copper wires as per IS 5831-84 and voltage gradient 650v/1100v as per IS 7098/P-1/1988	Vendor to specify	
	d) Protection & tripping system for earth fault ,short circuit & Over load	Vendor to specify	
	f) Earthing system	Vendor to confirm	
6.8	Vendor Document copies -3 sets each	Vendor to confirm	
	a) List of materials for one 8persons Passenger lift	Vendor to confirm	
	b)Elevator assembly General Layout drawing	Vendor to confirm	
	c) Mechancial assembly drawing	Vendor to confirm	
	d)Electrical power ckt and control ckt detailed drawing	Vendor to confirm	
	e) VVVF Drive unit settings parameter & drive programme soft copies and hard copies	Vendor to confirm	
	f) Operation ,Maintenance and trouble shooting manuals(one soft copy additional)	Vendor to confirm	
6.9	Dismantling all items related with condemned electric traction elevator IN BHEL/Trichy site and further all civil, mechanical,& electrical works to be carried out by supplier at Existing Site condition to provide the NEW LIFT.	Vendor to specify	
7	Safety apporval from Statutory Body	Vendor to confirm	
8	Vendor should get approval from BHEL of their Genral layout drawing before PO placement.	Vendor to confirm	
9	Pre-Dispatch inspection will be conducted at vendors work. After Completion of Inspection Dispatch Clearance will be given.	Vendor to confirm	

# **BHARAT HEAVY ELECTRICALS LIMITED TIRUCHIRAPALLI**

## **CAPITAL PURCHASE**

Annexure-A

### **ACCEPTANCE OF COMMERCIAL TERMS AND CONDITIONS BY THE VENDORS.**

(This should be essentially filled in and sent along with the techno-commercial offer without fail. If this check list is not filled and submitted along with techno-commercial offer (Part I) or if the vendor does not confirm acceptance to the terms and conditions proposed, BHEL reserves the right to reject such offer)

#### **CHECK-LIST FOR VENDORS**

SI No	DESCRIPTION
1.	<p>The Bidders shall submit the offer in <b>THREE INNER ENVELOPES</b> as indicated below which shall be sealed in one outer envelope.</p> <ul style="list-style-type: none"> <li>❖ <b>Envelope I:</b> This sealed envelope should be clearly marked as “<b>Part I: EMD Amount</b>” and must contain the required EMD amount of Rs. <b>40,000/-</b>. EMD shall be payable as per the instructions, otherwise the offer will not be considered. Pay order / DD No / Cash receipt no. &amp; date should be furnished separately.</li> <li>❖ <b>Envelope II:</b> This sealed envelope should contain all the copies of technical bid together with un-priced commercial bid. This envelope should be clearly marked “<b>Part II - Technical and Commercial bid</b>”, indicating Enquiry No., Due Date and Address &amp; Reference of the Bidder.</li> <li>❖ <b>Envelope III:</b> This sealed envelope should contain <b>price details</b>. This envelope should be clearly marked “<b>Part III - Price bid</b>”, indicating Enquiry No., Due Date and Address &amp; Reference of the Bidder. This part should contain the schedule of price particulars and must be co-related to the technical details provided in Part II.</li> </ul> <p>All the three envelopes ( Part I,II &amp; III) shall be put in one cover, duly sealed, super scribing as “<b>Part I ,Part II and Part III of Enquiry No., due date of opening</b>” and the address and reference of the Bidder. The offer received without the above guidelines, will not be considered for opening..</p> <p>The above offer should reach this office on or before the due date by 14.00 Hrs (IST). Late offers will not be considered. Tender should not be addressed to any Individual’s name but only by designation to:</p> <p style="text-align: center;"><b>MGR / CAPITAL PURCHASE / MFG 24 Building/IV<sup>th</sup> Floor BHARAT HEAVY ELECTRICALS LIMITED HIGH PRESSURE BOILER PLANT TIRUCHIRAPALLI - 620 014 TAMIL NADU, INDIA</b></p> <p>Tenders should be free from <b>CORRECTIONS AND ERASURES</b>, Corrections if any, must be attested. All amounts shall be indicated both in words as well as in figures. In case of any difference between amount quoted in words and figures, amount quoted in words shall prevail.</p> <p>Offers should be in <b>ENGLISH</b> and accompanied by detailed technical literature, catalogue and detailed dimensional drawings in <b>ENGLISH</b> or otherwise, the offers will not be considered.</p>
2.	<p><b><u>OPENING OF TENDERS</u></b></p> <p><b>The part I</b> – EMD would be opened on the tender opening date and if EMD is not furnished the offer will be duly rejected.</p> <p><b>The Part II</b> - Technical &amp; commercial bid would be opened on the Tender opening date.</p> <p><b>Part III</b> - Price bid of technically suitable Bidders alone would be opened after complete evaluation of Part-II. 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 this Annexure-A (Point no.16). Date and time of Price Bid (Part-III) opening / RA conducting date shall be intimated to the technically and commercially acceptable bidders only. Clarifications if any required by BHEL for Technical evaluation would be sought from bidders before opening of Part III - price bid/ (RA).</p>
3.	<p><b>Taxes and Duties :</b></p> <p>All Taxes and Duties payable as extra to the quoted price should be specifically stated in offers along with CST &amp; TIN No / Tariff No. etc., failing which the purchaser will not be liable for payment of such Taxes and Duties. Our TIN No. 33243560005, TNGST No. 3560005, CST. No. 239383 Dt. 11-06-1991 &amp; BHEL ECC No. AAACB4146PXM012, Service Tax Reg No (STC)- AAACB4146PST006. Assessment circle Tiruverambur.</p> <p><b>Cenvat credit &amp; VAT credit</b> (for Indian Bidders only): If any Excise Duty is payable, the chapter head / sub-head reference and the rate of the duty should be quoted. If the tenderer is availing <b>CENVAT</b> credit for his input materials, the effect of proforma credit should be passed on to the purchaser</p> <p><b>Income Tax applicable</b> Any service charges payable towards supervision of E&amp;C, training, performance prove-out etc., will be released after deduction of Income Tax as per Indian Income Tax Act / as per the Govt. of India rules and TDS certificate will be issued by BHEL for such deductions. Applicable service tax on E&amp;C charges will be payable extra. The liability of depositing the same to the Govt. will be of the supplier.</p>

**4. DETAILS OF EARNEST MONEY DEPOSIT & SECURITY DEPOSIT**

Earnest Money is to be paid by the Tenderer either in Cash (as permissible under Income Tax Act), Pay Order (or) Demand Draft drawn in favour of “**Bharat Heavy Electricals Ltd, Tiruchirapalli**” payable at **Tiruchirapalli**.

EMD by the Tenderer will be forfeited as per Tender Documents if

- After opening the Tender, the Tenderer revokes his Tender within the validity period or increases his earlier quoted rates.
- The Tenderer does not commence the work within the period as per LOI/Contract. (In case the LOI/Contract is silent in this regard then within 15 days after award of the Contract).

EMD given by all unsuccessful Tenderers shall be refunded normally within 15 days of acceptance of award of work by the successful Tenderer. EMD shall not carry any interest.

**SECURITY DEPOSIT**

The successful Tenderer should pay Security Deposit before start of the work and the Rate of Security Deposit will be as below.

Value of Contract	Rate of Security Deposit
Upto Rs.10 Lakhs	10%
Above Rs.10 lakhs and upto Rs.50 lakhs	Rs.1 Lakh + 7.5% of the amount exceeding Rs.10 Lakhs
Above Rs.50 lakhs	Rs.4 Lakhs + 5% of the amount exceeding Rs.50 Lakhs

Security Deposit may be furnished in any one of the following forms.

- i) Cash (as permissible under the Income Tax Act)
- ii) Pay Order, Demand Draft in favour of **Bharat Heavy Electricals Limited, Tiruchirapalli** payable at **Tiruchirapalli**
- iii) Local Cheques of Scheduled Banks, subject to realization.
- iv) Securities available from Post Offices such as National Savings Certificates, Kisan Vikas Patras etc ( Certificate should be held in the name of Contractor furnishing the security and duly pledged in favour of BHEL and discharged on the back)
- v) Bank Guarantee from Scheduled banks / Public Financial Institutions as defined in the Companies Act subject to a maximum of 50% of the total Security Deposit value. The balance 50% has to be remitted either by cash or in the other form of security. The Bank Guarantee format should have the approval of BHEL.
- vi) Fixed Deposit Receipt issued by Scheduled banks / Public Financial Institutions as defined in the Companies Act. The FDR should be in the name of the Contractor, A/C BHEL, duly discharged on the back.
- vii) Security Deposit will also be recovered at the rate of 10% from the running bills. However in such cases at least 50% of Security Deposit shall be paid by the Contractor before start of the work and the balance 50% will be recovered from the running bills.
- viii) EMD of the successful Tenderer shall be converted and adjusted against Security Deposit.

**Note:** Acceptance of security Deposit against Sl.no.(iv) and (vi) above will be subject to hypothecation or endorsement on the documents in favour of BHEL. However BHEL will not be liable or responsible in any manner for the collection of interest or renewal of the documents or in any other matter connected therewith.

Security deposit shall not carry any interest. Security Deposit shall not be refunded to the Contractor except in accordance with the terms of the Contract

Security Deposit shall be payable by the successful vendors as per the above instructions Security Deposit will be refunded within 30 days after successful completion of Contract by the successful vendor.

**5. Performance Bank Guarantee (PBG):** The Bidder, in the event of an order, should furnish a

Bank Guarantee from an Indian Bank approved by BHEL, at no extra cost in a format prescribed by BHEL, along with the order, for an amount equivalent to **10% (Ten percent)** of the value of the contract. The PBG shall be valid for period of 18 months from the date of dispatch or **12 months** from the date of receipt / acceptance / commissioning of the equipment at BHEL, Tiruchi whichever is more, with a claim period of two months.

The Performance Bank Guarantee shall be obtained from any one of the following banks which is a member Bank in our consortium of Banks.

**LIST OF CONSORTIUM BANKS**

1.DEUTSCHE BANK 2.HDFC BANK 3.ANZ GRINDLAYS BANK 4.CITI BANK 5.STANDARD CHARTERED BANK 6.BANK OF AMERICA 7.ABN AMRO BANK 8.IDBI LTD 9.ICICI BANK LTD 10.THE HONGKONG AND SHANGHAI BANKING CORPORATION LTD.

**LIST OF NATIONALISED BANKS**

1.ALLAHABAD BANK 2.ANDHRA BANK 3.BANK OF INDIA 4.BANK OF BARODA 5.BANK OF MAHARASTRA 6.BHARATH OVERSEAS BANK 7.CANARA BANK 8.CENTRAL BANK OF INDIA 9.CORPORATION BANK 10.DENA BANK 11.INDIAN BANK 12.INDIAN OVERSEAS BANK 13.OREINTAL BANK OF COMMERCE 14.PUNJAB NATIONAL BANK 15.PUNJAB & SIND BANK 16.STATE BANK OF INDIA 17.STATE BANK OF TRAVANCORE 18.STATE BANK OF MYSORE 19.STATE BANK OF BIKANER & JAIPUR 20.STATE BANK OF HYDERABAD 21.STATE BANK OF PATIALA 22.STATE BANK OF MAHARASTRA 23.STATE BANK OF SOURASTRA(SBI-13.09.08) 24.SYNDICATE BANK 25.UCO BANK 26.UNION BANK OF INDIA 27.UNITED BANK OF INDIA 28.VIJAYA BANK

If PBG is issued by a Foreign counter part of the BHEL consortium Indian Bank, in case of claim against the PBG , it will be lodged in any one of the Indian counters of the Foreign Bank which issued the PBG.

**Vendor's confirmation**

	<b>No row shall be left blank. Please indicate NA, in case the item is “not applicable”</b>	<b>Vendor's confirmation</b>
6.	<p><b>Validity:</b> Validity of the offer should be <b>120 days</b> from the date of tender opening.</p>	
7.	<p><b>Release of Purchase Order:</b></p> <ul style="list-style-type: none"> <li>➤ Purchase Orders (separate for supply and service portion if applicable) will be released on the successful vendor (L1 vendor)</li> <li>➤ The retrofitting works are composite in nature and cannot be split-up to more than one vendor. Hence the entire work will be awarded to only lowest bidder of the tender. Work cannot be split-up and given to MSME vendor if they are L2 or above ranking in the tender.</li> </ul>	
8.	<p><b>Payment terms for Supply Portion</b> 100% payment, within 45 to 90 days, after receipt, acceptance, and commissioning of equipment at BHEL, Trichy against submission of 10% PBG for total order value.</p>	
	<p><b>Erection &amp; Commissioning Portion (if applicable only):</b> 100% of the Erection / commissioning charges (in case contract involves erection/commissioning) shall be paid only on completion of such erection / commissioning at BHEL</p>	
9.	<p><b>Liquidated damages (LD):</b></p> <p>It is clearly understood among the parties to the contract that <b>“Time is the essence of the contract”</b>. Therefore, the delivery of the goods specified in the purchase order should be made within the time prescribed. Where the seller supplies or dispatches the goods, beyond the delivery period specified the purchaser will have no obligation to accept the goods. If accepted liquidated damages at the rate of ½ % of the value of goods delayed for each week of delay subject to a maximum of 15% of the order value will be levied. Liquidated damages @ ½ % per week subject to a maximum of 15% of the Erection Charges shall be applicable for delay in the Period for completion of the Retrofitting / Reconditioning work (if applicable only)</p> <p>For the purpose of Imposing LD, the FOB delivery (B/L date) shall be considered. <u>BHEL reserves the right to reject offers from vendors not accepting the above LD clause, with maximum LD as 15%.</u></p>	
10.	<p><b>Risk Purchase:</b> Alternatively 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 as aforesaid or if the same were not available from the best and the nearest available substitute. The supplier shall be liable for any loss which the Purchaser may sustain by reason of such risk purchases.</p>	
11.	<p><b>Delivery terms and evaluation process:</b> Indian Bidders should submit their offer on FOR <b>BHEL, Tiruchy basis</b>. Packing &amp; Forwarding and Freight &amp; Insurance charges from works to BHEL, Tiruchy to be indicated separately if extra from basic rate. . Applicable % of ED &amp; Sales Tax , Commissioning Charges should be clearly indicated. <b>Evaluation of offers shall be on the basis of delivered cost (Net cash outflow to BHEL)</b></p>	
12.	<p><b>Guarantee:</b> Vendors shall provide a guarantee for a period of 12 months from the date of commissioning of the equipment or 18 months from date of supply, whichever is earlier. The date of B/L or AWB shall be taken as the date of supply. Also, a PBG has to be given which shall cover the guarantee period (with additional 2 months as claim period). <u>Offers from vendors not accepting the requested guarantee period will be rejected.</u></p>	
13.	<p><b>Short shipment / Warranty replacement:</b> In case of any short shipment in the main equipment / spares, Customs Duty levied on such supplies, shall be borne by the supplier. Any warranty replacement during the warranty period shall be on FOR, BHEL, Tiruchirappalli, basis.</p>	
14.	<p><b>Inspection &amp; Testing:</b> All goods shall be subject to inspection by BHEL or its authorized representatives at supplier's works or at BHEL stores or at any other place in India indicated by BHEL as the case may be. The supplier will not charge for the facilities provided for inspection of goods. In case of machine tools, the machine would be inspected and proved at supplier's works prior to dispatch however, final inspection and acceptance of the machine will be carried after installation of the machine at BHEL, Tiruchirappalli.</p>	

<b>No row shall be left blank. Please indicate NA, in case the item is “not applicable”</b>		<b>Vendor's confirmation</b>
<b>15.</b>	<p><b>Test certificates / Operating and Maintenance manuals :</b> The Bidders shall clearly mention in their offer, that Test Certificates and Operating Maintenance Manuals, etc., as called for in the Technical Specification, in the required number of copies will be provided at no extra cost.</p>	
<b>16.</b>	<p><b>Reverse Auction (RA):</b> BHEL reserves the right to conduct on-line internet Reverse Auction for finalizing the Tender. This decision will be communicated to the technically qualified vendors after technical evaluation. Details / General terms / guidelines for conduct of RA are shown below Vendors are requested to confirm their acceptance for BHEL proceeding with RA route for finalization of the enquiry.</p> <ol style="list-style-type: none"> <li>1. For the proposed reverse auction, technically and commercially acceptable bidders only shall be eligible to participate.</li> <li>2. BHEL will engage the services of a service provider who will provide all necessary training and assistance before commencement of on line bidding on internet.</li> <li>3. BHEL will inform the vendor in writing in case of reverse auction, the details of Service Provider to enable them to contact &amp; get trained.</li> <li>4. Business rules like event date, time, start price, bid decrement, extensions etc. also will be communicated through service provider for compliance.</li> <li>5. Vendors have to fax the Compliance form in the prescribed format (provided by Service provider) before start of Reverse auction. Without this, the vendor will not be eligible to participate in the event.</li> <li>6. BHEL will provide the calculation sheet (e.g., EXCEL sheet) which will help to arrive at “Total Cost to BHEL” like Packing &amp; forwarding charges, Taxes and Duties, Freight charges, Insurance, Service Tax for Services and loading factors (for non-compliance to BHEL standard Commercial terms &amp; conditions) for each of the vendor to enable them to fill-in the price and keep it ready for keying in during the Auction.</li> <li>7. Reverse auction will be conducted on scheduled date &amp; time.</li> <li>8. At the end of Reverse Auction event, the lowest bidder value will be known on the network.</li> <li>9. The lowest bidder has to Fax the duly signed Filled-in prescribed format as provided on case-to-case basis to BHEL through Service provider within 24 hours of Auction without fail.</li> <li>10. Any variation between the on-line bid value and the signed document will be considered as sabotaging the tender process and will invite disqualification of vendor to conduct business with BHEL as per prevailing procedure.</li> <li>11. In case BHEL decides not to go for Reverse Auction procedure for this tender enquiry, the Price Bids and price impacts, if any, already submitted and available with BHEL shall be opened as per BHEL’s standard practice.</li> <li>12. BHEL reserves the right to negotiate if need be, with the “L1” vendor of the Reverse Auction</li> <li>13. <u>BHEL reserves the right not to consider offers from vendors not complying with the RA process for finalization of the enquiry.</u></li> </ol>	
<b>17.</b>	<ul style="list-style-type: none"> <li>➤ Point to point confirmation for the Technical Specification enclosed to be provided. If there are any deviations, the same should be clearly specified. Offers received without confirmation to our specifications will be liable for rejection. If needed additional sheets shall be used.</li> <li>➤ Indian bidders should submit the prices only in Indian Rupees.</li> <li>➤ List of customers to whom same or similar equipment have been supplied along with performance certificates to be enclosed.</li> <li>➤ Relevant catalogues to be attached.</li> <li>➤ List of spare parts (if it is specified in the enquiry sheet) for smooth operation and maintenance should be attached with part numbers.</li> </ul>	

	<ul style="list-style-type: none"> <li>➤ Prices shall be quoted item wise only as per the model format enclosed. An unpriced copy shall be submitted along with technical bid where in the applicable Taxes and Duties Shall be clearly specified</li> <li>➤ Equipment offered shall be "New". Re-built / Re-conditioned / Used equipments will not be accepted. Incomplete offers will not be considered for further processing Fixed price:</li> <li>➤ Evaluation of offers shall be on the basis of delivered cost (Net cash outflow to BHEL).</li> <li>➤ BHEL reserves its right to reject a tender due to unsatisfactory past performance in the execution of a contract at any of BHEL projects / units.</li> <li>➤ BHEL shall be at liberty to reject or accept any tender, part or in full, at their own discretion and any such action is not liable for any question or claim against BHEL.</li> <li>➤ Security Deposit shall be payable as per the instructions furnished in clause no.4.</li> <li>➤ All Equipments / Services including concerned personnel for carrying out the erection and commissioning of the equipment shall be arranged by the vendor. If any Services are availed from BHEL, it is only on chargeable basis unless otherwise specified.</li> <li>➤ 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</li> <li>➤ Any replacement during warranty period shall be supplied free of charge on FOR BHEL, Trichy basis.</li> <li>➤ Prices quoted by the bidder shall be fixed and not subject to any escalation whatsoever during the period of bid validity and execution of the Purchase Order. A bid submitted with an adjustable price will be treated as non - responsive and rejected. Prices shall be written in words and figures. In the event of difference, the price in words shall be valid and binding. Unit prices shall be considered correct in the event of any discrepancy with regard to total price.</li> <li>➤ The Supplier shall arrange for securely protecting and packing the stores to avoid loss or damages during transit.</li> </ul>		
<b>18.</b>	<b>COMPANY DETAILS &amp; CONTACT</b>		
	Full Address of the company for future correspondence.		
	Company Email ID:		
	Phone No.:		
	Fax No		
	Pan No		
	CST /TIN No		
	Service Tax No.		
	Name of the contact person:		
	Mobile No.:		
	e-mail ID		
<b>19.</b>	<b>TO BE CONFIRMED BY VENDOR</b>		
Details of EMD	DD/CR/PO-No.	Dt:	Rs.
Country of origin:			
Station of dispatch/Port Of Shipment			
Delivery Terms (For destination or Ex-works)			

	<b>Packing &amp; Forwarding</b> Charges, if any ( in % or Lumpsum) ie. extra from basic rate	
	% of Excise Duty with cess	
	% of TAX (CST/VAT) (TNGST with FORM-17 or CST with C-FORM)	
	<b>Freight &amp; transit insurance</b> charges (if any, in Lumpsum (or) percentage) from Dispatching station to BHEL Tiruchirappalli, (Note:If the delivery terms is Ex Works the materials has to be sent through BHEL approved carrier only, in this case the freight & Insurance will be borne by BHEL)	
	<b>(If applicable only)</b> Erection & commissioning charge is inclusive (or) exclusive on basic rate	
	Service tax applicable extra or not	
<b>20.</b>	Delivery from the date of Letter of Intent / Purchase Order. <b>(This should be inclusive of Order acceptance, drawing approval and time period required for dispatch (B/L or date) etc.,</b>	
	Period for completion of the Retrofitting / Reconditioning (erection & Commissioning) work at BHEL shall be clearly specified in the offer	
<b>21.</b>	<b>Weight &amp; Cubage of package:</b> Approximate Net weight of the total consignment: Approximate Gross weight of the total consignment: Approximate volume of the total consignment:	
<b>For any queries / clarifications the bidders may contact us through our FAX NO. +91 431 2520719 or through e-mail &lt;pgavictor@bheltry.co.in&gt; or &lt;srchandran@bheltry.co.in&gt;</b>		

NOTE:-

- a) Your specific acceptance to our Payment terms, LD, Risk Purchase Clause & Submission of PBG for 10% of the order value are essential for consideration of your offer. Otherwise your offer is liable for rejection.
- b) No row shall be left blank. Please indicate NA, in case the item is “not applicable”

**Declaration:-**

I/We have gone through and understood the ‘General guidelines & instructions to bidders for submitting offer’ enclosed as a part of the Tender and confirm that our offer has been made in line with the same.

(AFFIX OFFICIAL SEAL HERE)

Signature with date:

Name:

Designation:

Department:

(PLEASE AFFIX YOUR SIGNATURE WITH SEAL ON EACH PAGE)

**MODEL PRICE BID FORMAT FOR INDIAN BIDDERS**

Enquiry No. &amp; Date:

Bidder's Offer No. &amp; Date:

Sl No	Description of item	Unit (SET /No)	QTY	Rate /Qty in Rs. (excluding of all taxes)	VAT/CST in % (TNGST with FORM-17 or CST with C-FORM)	ED in %	Service Tax in %	Total Value in Rs. (inclusive of all taxes)
1	<b>Supply portion</b>							
2	Other accessories / spares etc as given in enquiry scope of supply (Individual item-wise break-up price shall be attached as an annexure to this price bid format.)							
3	Installation & Commissioning (if available in scope only)							
	Packing & Forwarding charges (if any) in percentage (or) Lumpsum							
	FOR Dispatching station value in Rs.							
	Percentage of Freight & transit insurance charges, if any (Lumpsum or %) Freight & Insurance charges from Dispatching station to BHEL, Tiruchirappalli (Note:If the delivery terms is Ex Works the materials has to be sent through BHEL approved carrier only, in this case the freight & Insurane will be borne by BHEL)							
	Approximate Net weight of the total consignment							
	Approximate Gross weight of the total consignment							
	Approximate Dimensions of the Consignment							

Signature &amp; Seal of Vendor

**The price bid should be submitted only as per the above format. No row shall be left blank. Please indicate NA, in case the item is "not applicable"**