

**BHARAT HEAVY ELECTRICALS LIMITED**Page
1/1**ENQUIRY**
(IMPORTS)(A Government of India Undertaking)
HIGH PRESSURE BOILER PLANT
PURCHASE DEPARTMENT - Advanced Technology Products
THIRUCHIRAPALLI - 620014
TAMILNADU (INDIA)PHONE : 91-44-28158821
GRAMS : BHARATELEC
FAX NO:
E-mail :
Web :

Collective No.	Enquiry Date	Due Date For Quotation
2670700018	22.08.2007	25.09.2007
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	<p>1) Micro-and MultiFocus tube X ray system of open type X ray design ,demountable X ray tube assembly vaccum unit and high power generator for conventional radiography test with directional collimation and Rod anode for special applications(Welds in Steel and Titanium) as per specification.-1 No</p> <p>2) Acessories Rod Anode 8mm /10mm with 250mm long</p> <p>3) Suppler shall quote all the necessary items for the main system along with Spares.</p> <p>ANNEXURE I - QUALIFYING CRITERIA ANNEXURE II - TECHNICAL SPECIFICATION ANNEXURE III- TERMS & CONDITIONS AND PRICE FORMAT (a,b,c)</p> <p>Micro Focus X ray equipment with accesso</p>	NO	1.000	1.00	15.12.07

General Note:

1. PLEASE SUBMIT YOUR DETAILED OFFER AS TWO PART BID SYSTEM I.E. TECHNICAL OFFER IN ONE SEALED COVER AND COMMERCIAL OFFER IN ANOTHER SEPARATE SEALED COVER.

2. POINT TO POINT CONFIRMATION TO BHEL'S SPECIFICATION AND COMMERCIAL TERMS AND CONDITIONS SHOULD BE PROVIDED IN THE ENCLOSED SHEET.

Enclosures:

"LD clause has to be confirmed without fail."

PR Links

Material.	PR.No	PR.Item.	Quantity	Acc. Assign	Customer Number
	24125524	00010	1.000	/000000	

list of suppliers

The offers should reach us before the time of opening of tenders.
The offers will be opened at 14:30 hours on the due date in the presence of the tenderers who may like to be present.
Late tenders are liable to be rejected.

Yours faithfully,
For BHARAT HEAVY ELECTRICALS LIMITED

[Signature]
MANAGER / PURCHASE
Advanced Technology Products)

PURCHASE / FB
Thiruchirappalli-620014

PART A**QUALIFYING CRITERIA FOR THE SUPPLY OF MICRO - AND MULTI FOCUS X RAY SYSTEM** for Industrial applications.**SECTION – I**

The BIDDER / VENDOR has to necessarily provide the following details, for making an assessment of the firm's capability and competency:

[The BIDDER is expected to give complete details against each clause in the table given below and wherever necessary an additional sheet may be attached (giving clear reference number) to cover the required details]

S. No.	PARTICULARS	VENDOR's RESPONSE
1.0	Number of Years of Experience of the BIDDER/ VENDOR in the field of design, manufacture and supply of MICRO - AND MULTI FOCUS X RAY SYSTEM capable of using both as Directional tube and also Rod Anode for 'Industrial Radiography special applications.	
2.0	YEAR of manufacturing of the Model quoted against this ENQUIRY	
3.0	Is there any other model launched after the quoted Model? Otherwise, indicate the likely year in which the next model is likely to be launched	
4.0	Calibration report to be issued for the large and small focal spot in the QUOTED MODEL ,traceable to national and international standards	
5.0	Number of MICRO-AND MULTI FOCUS X RAY SYSTEM units supplied, installed and commissioned for industrial Radiographic application till date for the following category of CUSTOMERS a) Government Organizations b) Private Sector Companies [Large Scale Industries]	
6.0	The leakage, Dose radiations with X-Ray windows close from the target at 1 meter distance shall be specified as defined in international standards	

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S. No.	PARTICULARS	VENDOR's RESPONSE
7.0	Details on International Standards followed in Design of the Equipment	
8.0	Comprehensive Details on Performance Testing - of the quoted Equipment, during manufacturing of the system	
9.0	Details of Quality System followed (Kindly furnish the salient aspects of the QA system followed)	
10.0	Details on SERVICE-after-SALES Set-Up in India including the addresses of Agents/Service Centres in India and Asia	
11.0	Any Additional Data to supplement the manufacturing capability of the BIDDER	

SECTION – II

The BIDDER / VENDOR has to compulsorily meet the following requirements to get qualified for submitting an offer for the 225kV,3.0 mA MICRO - AND MULTI FOCUS X RAY SYSTEM FOR INDUSTRIAL APPLICATIONS.

S. No.	REQUIREMENTS	VENDOR's COMMENTS
12.0	The BIDDER / VENDOR shall have a minimum of TWO Years of Continuous Experience in the Design, Manufacture & Supply of Micro-and Multi focal X-Ray system capable of using both as Directional tube and also Rod Anode for industrial applications .	
13.0	The BIDDER / VENDOR shall have supplied one number of Micro-and Multi focal X-Ray system capable of using both as Directional tube and also Rod Anode for industrial applications in INDIA, within the last five years. Indicate the number of equipment (of QUOTED MODEL) sold in India & Other Countries.	
14.0	Reference List of Customers and Performance Certificate from CUSTOMERS (minimum 1 Customers) with full contact details of CONTACT PERSON.	

SECTION – III

The BIDDER / VENDOR has to comply with the following, for accepting the Technical Offer for scrutiny by the Purchaser :

S.No.	REQUIREMENTS	VENDOR's COMPLIANCE
15.0	The BIDDER / VENDOR shall submit the offer in TWO PARTS - Technical [with PART A & PART B] & Commercial and Price Bid. The Technical Offer shall be in line with the BHEL Technical Specifications and the Guidelines or Annexures mentioned, wherever applicable.	
16.0	The Offer shall contain a comparative statement of Technical Specifications given by BHEL and the Offer Details submitted by the Bidder, against each clause. A just 'CONFIRMED' or 'COMPLIES' or 'YES' or 'NO-DEVIATION' or similar words in the technical comparative statement may lead to disqualification of the Technical Offer.	
17.0	The BIDDER / VENDOR shall assure a continuous support for SPARES and SERVICE for TEN Years, from the date of commissioning of the equipment at BHEL Works.	
18.0	The Technical Offer shall be supported by Product Catalogue and Data Sheets in ORIGINAL and complete technical details of 'Bought-Out-Items' with copies of Product Catalogue and Selection Criteria	
19.0	The Commercial Offer (given with the Technical Offer) shall contain the Scope of Supply and the Un-Priced Part of the Price-Bid, for confirmation of Scope of Supply.	
20.0	The reference List of Customers shall be accompanied with the details (Phone Number / E-Mail ID) of the CONTACT PERSON for cross reference by BHEL	

**TECHNICAL SPECIFICATIONS for
Micro-Multi focus X-Ray system for industrial applications.**

S. No.	PARTICULARS	BHEL SPECIFICATIONS	BIDDER'S OFFER [with Complete Technical Details]
1.0	Area of Application	MICRO -and MULTI FOCUS X RAY SYSTEM capable of being used both as Directional tube with collimator for conventional Radiographic applications and also with Rod Anodes for Special applications for examination of welds (Steel / Titanium).	
2.0	Principle of Operation	Micro focus X-ray machines with focal spots as small as 1 μ (0.001 mm) can provide an enhanced flaw detection capability with greater reliability than it is attainable with conventional radiographic equipment. The source size contributes to the radiographic quality, influences the geometry of the inspection and sets radiographic image definition and resolution limits, Significantly reducing the size of the focal spot in an X-ray tube results in an enhanced flaw detection sensitivity	
3.0	Design Base	Supplier to specify along with the International standards followed.	
4.0	Equipment Configuration	The minimum desired features are enlisted below	
4.1	Operating Parameters	Micro-and Multi-focus X-Ray tube 1)kV range: up to 225kV 2)mA range:0.001 to 3.0mA 3)Target power up to 320W	
4.2	Constructional Features	As given below	
4.2.1	Input Voltage	230 Volts -AC.	
4.2.2	Various tube head designs	<ul style="list-style-type: none"> • Open type design • Directional heads for high power applications • Demountable X-Ray tube assembly, for both directional anode Rod anode applications 	

4.2.3	mA Range	0.001 to 3.0mA	
4.2.4	Feature Recognition	<2 μ m	
	Focal Spot	<5 μ m, for Rod anode applications (Supplier to specify) <200 μ m for directional collimation applications	
4.2.5	Programmable focal spot positions	Supplier to specify	
4.2.6	Tube current	Conventional:(supplier to specify the incremental steps)	
		Microfocus:0.001-3.0mA(directional)	
4.2.7	Minimum distance between focal spot and tube head.	Supplier to specify	
4.2.8	KV range	Up to 225 kV	
4.2.9	Target Power	Up to 320 W(Supplier to specify)	
4.2.10	Target	Tungsten	
4.2.11	Filter	Preferably 0.5 mm Aluminum(Supplier to specify)	
4.2.12	True X-Ray intensity control	Supplier to specify whether available or not.	
4.2.13	Internal Shutter Arrangement	Supplier to quote separately if it is not a part of the system.	
4.2.14	Rode Anode	a) Target module (Directional Target head) shall be replaceable with Rod anode tubes for special applications. Supplier shall quote for Rod anode tubes, with dimensional specifications as below <ul style="list-style-type: none"> ▪ Diameter - 8 / 10 mm ▪ Length -250 mm 	
4.2.15	Exit Beam cone angle	Panoramic Beam -Back throw-45 degree cone in the entire 360degrees of the plane Directional Beam - 40degree cone(+20 to -20	

		degrees)	
4.2.16	Electrical centering device	Supplier to quote	
4.3	Functional features	As follows	
4.3.1	Filament life time	Atleast 200-1500h(supplier to specify.)	
4.3.2	Programmed operation	supplier to specify(with pass word protection)	
4.3.3	Exposure Time	Digital display.Supplier to specify with incremental steps	
4.3.4	Dose out put with inherent filter	Supplier to specify	
4.3.5	Pre warning	Supplier to specify	
4.3.6	High voltage connections	Supplier to specify	
4.3.7	Electromagnetic shield	Electromagnetic shield in Monel or any other material for the Rod Anodes of the quoted model	
4.3.8	Dose-Rate	in Sv/min (R/ min) at 1 M with and without filter - Supplier to specify	
4.3.9	Leakage level radiation (at full load)	Shall not exceed 1R / 1Hour /1metre from focal spot.	
4.3.10	Maximum possible magnification	Supplier to specify	
4.4	Weight	Supplier to specify.	
4.5	Any other technical points	Supplier to specify compulsorily.	

5.0	Scope of supply	<p>Following shall be supplied compulsorily with the Equipment:</p> <ul style="list-style-type: none"> • Demountable Micro focal X-Ray tube assembly 225 kV,3.0mA ▪ Operators and control unit in 6HE rack ▪ Vacuum and cooling unit in 8HE rack. ▪ High Tension Generator ▪ Connection cable sets, including <ol style="list-style-type: none"> 1. Mains cable (20m) 2. Cable set control unit (10m)-V&C unit 3. 1 m cable set V&C unit -HAT generator 4. 4 m cables set and hoses V&C unit-X-Ray tube. 5. High Voltage cable (Length min.10mm) ▪ Cooling system ▪ Warning flash Lamp with fail safe circuit and 20 meter cable: 1 no. ▪ Tool kit with set of short circuit plugs, ground chord, spare fuses, bulbs etc ▪ HT Silicon paste: 1kg(in 100g pack) ▪ Service kit. ▪ Operator manual with text in English: 2no.s ▪ Schematic writing and circuitry diagram completely with service manual ▪ Accessories: <ol style="list-style-type: none"> 1. Rod Anode inter changeable with target head (Dia 8 / 10mm,Length250mm)-1No . 2. Collimator-1no. 3. X-Ray intensity control system-1no. 4. Shutter arrangement 5. Intelligent controller software <p>Supplier shall furnish other accessories for their quoted model along with main equipment.</p>	
6.0	Consumables for Main Equipment &	BIDDER has to list down the CONSUMABLES to be used in the Operation of the Equipment and QUOTE	

	Accessories	with UNIT RATE for all the listed consumables, to be procured with the equipment.	
7.0	Spares for Main Equipment & Accessories	Supplier shall specify all the spares required for their quoted model	
8.0	Installation and Commissioning	The Equipment with all Accessories is to be installed & commissioned at BHEL Works, FREE OF COST, by the Service Engineer of the SUPPLIER.	
9.0	Performance Prove-Out at BHEL	The Supplier's Service Engineer has to conduct demonstration of the Equipment with Accessories to carryout Performance Prove-Out as per BHEL Specifications.	
10.0	Documentation in ENGLISH Language	2 Copies of the Operation & Maintenance Manuals containing Electric Schematics, Circuit Diagrams, PCB Drawings, Trouble Shooting Charts, Mechanical Sub-Assemblies, Rating of Bought-Out Items, etc. shall be supplied, at the time of inspection by BHEL Engineers. In addition, one SOFT COPY in CD to be supplied.	
11.0	Performance Guarantee	The Equipment & Accessories (including Bought-Out Items) are to be guaranteed for its performance for a minimum period of two years from the date of performance acceptance at BHEL Works.	
12.0	Service and spares Support Requirements.	Vendor shall ensure after the guarantee period through trained service personnel and facilities in India for next 5 years as and when need arise .Spares to be made available with in 1 week .	
13.0	Training on Operation & Maintenance	Training has to be provided at BHEL Works, after the successful commissioning of the Equipment & Accessories.	
14.0	Annual Maintenance Contract - AMC	The BIDDER has to QUOTE for AMC under two patterns given below, for a period of THREE YEARS after the expiry of ORIGINAL WARRANTY period :	

CAPITAL PURCHASE&SP:MM / MFG**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. 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 details. 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, 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 Hrs (IST). Late offers will not be considered.

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

**SDGM / CAPITAL PURCHASE &SP/MM/MFG
BHARAT HEAVY ELECTRICALS LIMITED
HIGH PRESSURE BOILER PLANT
TIRUCHIRAPALLI - 620 014
TAMIL NADU, INDIA**

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Tenders should be free from **CORRECTION AND ERASURES**, Corrections if any, must be attested. All amount 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 PART I (TECHNICAL & COMMERCIAL BID)

2.1 Technical

This part shall include / indicate the following :

- 2.1.1. Offer should contain complete scope of supply with all technical details, specifications, delivery and other commercial terms and conditions.
- 2.1.2. Point by point confirmation for the Technical Specification enclosed to be provided. if there are any deviation, the same should be clearly specified. Offers received without confirmation to our specification will be rejected.
- 2.1.3. List of customers to whom same or similar equipment have been supplied along with performance certificates to be enclosed.
- 2.1.4. Relevant catalogues to be attached
- 2.1.5. List of spare parts (with part numbers) for two years operation and maintenance should be attached.
- 2.1.6. Information on shipping weight and cubage (length, width & height) to be provided.
- 2.1.7. Incase of foreign bidder offer, the Principal's technical offer should be enclosed.

2.2 Commercial

This part shall include / indicate the following :

- 2.2.1. Port of shipment / Station of despatch
- 2.2.2. Terms of payment
- 2.2.3. Taxes & duties applicable.
- 2.2.4. Delivery Schedule

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2.2.5. Offer validity

2.2.6. Country of origin

2.2.7. Percentage of agency commission if any along with a copy of Agency agreement.

2.2.8. A copy of "Un-Priced Part II" i.e., a copy of the Price Bid without the price details to be enclosed.

3.0 PART II (PRICE- BID)

This part should contain the schedule of price particulars and to be co-related to the technical details provided in Part I.

4.0 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.

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

5.0 GENERAL

5.1. Incomplete offers will not be considered.

5.2. **Fixed price:** 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.

5.3. **Bid currency:** Indian bidders should submit the prices only in Indian Rupees. Foreign bidders may submit their bid in their home currency.

5.4. **Terms of Delivery:** Bidders are required to quote their best delivery period. Foreign Bidders should submit their offer for net **FOB Nearest Sea / Air Port**. Indian Bidders should submit their offer for **FOR Despatching station**.

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5.5. **Taxes and Duties :** All Taxes and Duties payable as extra to the quoted price should be specifically stated in offers along with CST & VAT / Tariff No. etc., failing which the purchaser will not be liable for payment of such Taxes and Duties.

5.6. **Validity :** The offers for main equipment and spares shall be kept open for acceptance for 120 days (one hundred and twenty days) from the date of opening of the tender (Part I).

5.7. **Terms of Payment :**

5.7.1. **Indian Bidders**

5.7.1.1. The preferred payment terms are indicated below :

5.7.1.2. 100% payment, within 45 to 90 days, after receipt / acceptance / commissioning of equipment at BHEL, Tiruchi, against submission of 10% Performance Bank Guarantee on total order value.

or

5.7.1.3. 80% payment against documents through bank within 45 to 90 days, (after pre-despatch inspection) and balance 20% payment after receipt / acceptance / commissioning of the equipment 45 to 90 days, 45 to 90 days against submission of 10% Performance Bank Guarantee on total order value.

5.7.2. **Foreign Bidders**

An Irrevocable Letter of Credit shall be established for 80% of the value of the goods. Balance 20% shall be paid on receipt / acceptance / commissioning of the goods at BHEL against submission of Performance Bank Guarantee for 10% on total order value. All bank charges outside India are to Vendor's account.

5.8. **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 proforma prescribed by BHEL, alongwith 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 which ever is later with additional claim period of 2 months.

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

- 1) State Bank of India, 2) State Bank of Hyderabad, 3) State Bank of Travancore, 4) State Bank of Mysore, 5) Canara Bank, 6) Bank of Baroda, 7) Punjab National Bank, 8) Deutsche Bank, 9) HDFC Bank, 10) Standard Chartered Bank, 11) Citi Bank, 12) Standard Chartered Grindlays Bank, & 13) Bank of America or any Nationalised Bank

- 5.9. **Liquidated damages** : It is clearly understood among the parties to the contract the " Time is the essence of the contract ". Therefore, the delivery of the goods specified in the purchase order should be made within the time prescribed. Where the seller supplies or despatches 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 1/2% of the value of goods delayed for each week of delay subject to a maximum of 15% of the order value will be levied.
- 5.10. **Risk purchase** : 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 despatch within the time stipulated as aforesaid or if the same were not available, the best and the nearest available substitute therefor. The supplier shall be liable for any loss which the Purchaser may sustain by reason of such risk purchases.
- 5.11. **Agency commission** : In case of Foreign Bidders, agency commission if any, payable to their Indian Agents, shall shown separately in the Offer. This will be paid by us in India, in Indian Rupees, on satisfactory completion of the Contract. Copies of current Agency Agreement / Authorization Letter in respect of Agency Commission shall be furnished alongwith offer. For calculation of Rupee equivalent of Agency Commission, exchange rate as prevailing on the date of offer will be taken.
- 5.12. **Test certificates / Operating and Maintenance manuals** : 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.

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- 5.13. **Modvat credit :** (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 tender is availing **MODVAT** credit for his input materials, the effect of proforma credit should be passed on to the purchaser.
- 5.14. **Packing and marking :** The Supplier shall arrange for securely protecting and packing the stores to avoid loss or damages during transit.
- 5.15. 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.

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Bharat Heavy Electricals Limited, Trichirapalli – 620 014**CAPITAL PURCHASE****(To be filled and submitted alongwith Technical Bid)**

S. N o	BHEL Commercial Terms and Conditions for Indigenous Supplies	Vendor's acceptance
1	Prices shall be quoted item wise only . An unpriced copy shall be submitted alongwith technical bid.	
2	Prices shall be quoted only on F.O.R / Despatching station basis including Packing & Forwarding charges, if any.	
3	Prices shall be quoted on "FIRM PRICE" basis only.	
4	% Of ED applicable shall be clearly mentioned in the offer. If ED is applicable, confirmation shall be given that ED invoice will be provided.	
5	% of Taxes applicable including surcharge shall be clearly mentioned in the offer	
6	Validity of offer shall be for a minimum period of 120 days from the date of Tender opening	
7	Delivery period from the date of Letter of Intent shall be clearly mentioned in the offer.	
8	Liquidated damages @ ½% per week subject to a maximum of 15% of the order value shall be applicable for delay in deliveries.	
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	Payment terms: <ul style="list-style-type: none"> 100% payment will be made within 45 to 90 days after receipt and acceptance / commissioning of goods at BHEL and also against submission of PBG for 10% of the total Purchase order value. (or) 80% value of the goods will be paid within 45 to 90 days against dispatch documents negotiated through bank. Balance 20% will be paid against acceptance / commissioning of goods for which supplementary invoice and PBG for 10% of total Purchase order value are to be submitted. All bank charges are to vendor's account only. Payment terms for Erection / commissioning charges: <ul style="list-style-type: none"> 100% of the Erection / commissioning charges (in case contract involves erection/commissioning) shall be paid only on completion of such erection / commissioning at BHEL. 	
11	Submission of Performance Bank Guarantee (PBG): Vendor should provide a performance bank guarantee(PBG) for 10% of the total Purchase order value valid for a period of 12 months from the date of commissioning (or) 18 months from the date of dispatch whichever is later with an additional claim period of 2 months. This PBG shall form one of the documents for effecting payment. The PBG shall be submitted in non-judicial stamp paper value of not less than Rs.80/- issued by any one of the following banks who is a member bank in our consortium of banks. 1) State Bank of India, 2) State Bank of Hyderabad, 3) State Bank of Travancore, 4) State Bank of Mysore, 5) Canara bank, 6) Bank of Baroda, 7) Punjab National bank, 8) Deutsche Bank, 9) HDFC Bank, 10) Standard Chartered Bank, 11) Citi Bank, 12) Standard Chartered Grindlays Bank 13) Bank of America and 14) Any one of the Nationalised banks.	
12	Offers should be submitted only in sealed cover super-scribing clearly the Enquiry reference and due date.	

BHEL Enquiry No. & Date

Vendor's Offer Ref No. & Date

MODEL PRICE BID FORMAT FOR INDIGENOUS VENDORS

SI No.	Description	Unit	Qty	Rate in Rs	Value in Rs
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Total Ex-works Value in Rs

Add Packing & Forwarding Charges if extra

FOR- Despatching Station Value in Rs

% of Excise Duty (If Extra or If inclusive)

% Sales Tax - CST against "C" Form (If extra)

% Sales Tax - CST With out "C" Form (if extra)

% Sales Tax - VAT (if extra or Inclusive)

Approximate Freight Charges in Rs

Approximate Transit Insurance Charges in Rs

Installation / Commissioning Charges in Rs

% Service Tax if applicable extra

Consignment Package Details

Approximate Net / Cross Weight in Kgs

Dimension of Consignment

Signature & Seal of Vendor

NOTE:

The Price Bid should be submitted strictly in line with the above **FORMAT**

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Bharat Heavy Electricals Limited, Trichirapalli – 620 014
CAPITAL PURCHASE
(To be filled and submitted alongwith Technical Bid)

S.No	BHEL Commercial Terms and Conditions for Import Supplies	Vendor's acceptance
1	Prices shall be quoted item wise only. Unpriced copy shall be submitted with Technical bid.	
2	Prices shall be quoted only on F.O.B (Sea/Air port) basis.	
3	Prices shall be quoted on "FIRM PRICE" basis only.	
4	Validity of offer shall be for a minimum period of 120 days from the date of Tender opening	
5	Delivery period from the date of Letter of Intent shall be clearly mentioned in the offer.	
6	Liquidated damages @ ½% per week subject to a maximum of 15% of the order value shall be applicable for delay in deliveries.	
7	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.	
8	Payment terms for Foreign vendor (Principal): 80% value of the goods will be paid through an irrevocable Letter of Credit established by our bankers. Balance 20% will be paid against acceptance / commissioning of goods for which supplementary invoice and PBG for 10% of total Purchase order value. All bank charges outside India are to vendor's account only.	
	Payment terms for Indian Agent: Indian Agency commission, if any, shall be clearly specified in the offer and the same will be paid in Indian Rupees against acceptance / commissioning of the equipment.	
	Payment terms for Erection / commissioning charges: 100% of the Erection / commissioning charges (in case contract involves erection/commissioning) shall be paid only on completion of such erection / commissioning at BHEL.	
9	Submission of Performance Bank Guarantee (PBG): Vendor should provide a performance bank guarantee(PBG) for 10% of the total Purchase order value valid for a period of 12 months from the date of commissioning (or) 18 months from the date of dispatch whichever is later with an additional claim period of 2 months. This PBG shall form part one of the documents for effecting payment.	
10	Offers should be submitted only in sealed cover super-scribing clearly the Enquiry reference and due date.	

Signature & Office seal of the vendor

BHEL ENQUIRY NO. & DATE

VENDOR OFFER REF NO. &

MODEL PRICE BID FORMAT FOR FOREIGN VENDORS

S.No. Description of Item

Unit Qty Rate

Value

Ex-works Value

Packing & Forwarding Charges, if
any

FOB charges, if any

FOB Value

Approximate Freight charges

Approximate Transit Insurance
charges

Approximate Gross Weight, Nett
Weight & Dimensions of the
Consignment

Signature & Seal of Vendor

NOTE: The Price bid should submitted strictly in line with the above FORMAT.

(Model Price Bid Format for Indigenous vendors on the reverse)

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